

	Authors	Title	Year	Source Title	Volume	Art. No.	Page Start	Page End
1	Bertotti A., Papp E., Jones S., Adleff V., Anagnostou V., Lupo B., Sausen M., Phallen J., Hruban C.A., Tokheim C., Niknafs N., Nesselbush M., Lytle K., Sassi F., Cottino F., Migliardi G., Zanella E.R., Ribero D., Russolillo N., Mellano A., Muratore A., Paraluppi G., Salizzoni M., Marsoni S., Kragh M., Lantto J., Cassingena A., Li Q.K., Karchin R., Scharpf R., Sartore-Bianchi A., Siena S., Diaz L.A., Trusolino L., Velculescu V.E.,	The genomic landscape of response to EGFR blockade in colorectal cancer	2015	Nature	526	7572	263	267

2	<p>Gilbertson M., Ali A.M., de Cerain Salsamendi A.L., Lasfar A., Carnero A., Azqueta A., Amedei A., Charles A.K., Collins A.R., Ward A., Salzberg A.C., Colacci A., Olsen A.-K., Berg A., Barclay B.J., Zhou B.P., Blanco-Aparicio C., Baglolo C.J., Dong C., Mondello C., Hsu C.-W., Naus C.C., Yedjou C., Curran C.S., Laird D.W., Koch D.C., Carlin D.J., Felsher D.W., Roy D., Brown D.G., Ratovitski E., Ryan E.P., Corsini E., Rojas E., Moon E.-Y., Laconi E., Marongiu F., Al-Mulla F., Chiaradonna F., Darroudi F., Martin F.L., Van Schooten F.J., Goldberg G.S., Wagemaker G., Nangami G., Calaf G.M., Williams G., Wolf G.T., Koppen G., Brunborg G., Kim Lyerly H., Krishnan H., Hamid H.A., Yasaei H., Sone H., Kondoh H., Salem H.K., Hsu H.-Y., Park H.H., Koturbash I., Miousse I.R., Ivana Scovassi A., Klaunig J.E., Vondráček J., Raju J., Roman J., Wise J.P., Sr., Whitfield J.R., Woodrick J., Christopher J.A., Ochieng J., Martinez-Leal J.F., Weisz J., Kravchenko J., Sun J., Prudhomme K.R., Narayanan K.B., Cohen-Solal K.A., Moorwood K., Gonzalez L., Soucek L., Jian L., D'Abronzo L.S., Lin L.-T., Li L., Gulliver L., McCawley L.J., Memeo L., Vermeulen L., Leyns L., Zhang L., Valverde M., Khatami M., Romano M.F., Chapellier M., Williams M.A., Wade M., Manjili M.H., Leonart M., Xia M., Gonzalez M.J., Karamouzis M.V., Kirsch-Volders M., Vaccari M., Kuemmerle N.B., Singh N., Cruickshanks N., Kleinstreuer N., Van Larebeke N., Ahmed N., Ogunkua O., Krishnakumar P.K., Vadgama P., Marignani P.A., Ghosh P.M., Ostrosky-Wegman P., Thompson P., Dent P., Heneberg P., Darbre P.,</p>	<p>Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: The challenge ahead</p>	2015	Carcinogenesis	36	S254	S296
---	---	--	------	----------------	----	------	------

3	Thompson P.A., Khatami M., Baglolo C.J., Sun J., Harris S.A., Moon E.Y., Al-Mulla F., Al-Temaimi R., Brown D.G., Colacci A.M., Mondello C., Raju J., Ryan E.P., Woodrick J., Ivana Scovassi A., Singh N., Vaccari M., Roy R., Forte S., Memeo L., Salem H.K., Amedei A., Hamid R.A., Lowe L., Guarnieri T., Bisson W.H.,	Environmental immune disruptors, inflammation and cancer risk	2015	Carcinogenesis	36		S232	S253
4	Kavuri S.M., Jain N., Galimi F., Cottino F., Leto S.M., Migliardi G., Searleman A.C., Shen W., Monsey J., Trusolino L., Jacobs S.A., Bertotti A., Bose R.,	HER2 activating mutations are targets for colorectal cancer treatment	2015	Cancer Discovery	5	8	832	841
5	Zanella E.R., Galimi F., Sassi F., Migliardi G., Cottino F., Leto S.M., Lupo B., Erriquez J., Isella C., Comoglio P.M., Medico E., Tejpar S., Budinská E., Trusolino L., Bertotti A.,	IGF2 is an actionable target that identifies a distinct subpopulation of colorectal cancer patients with marginal response to anti-EGFR therapies	2015	Science Translational Medicine	7		272	272ra12
6	Ren J., Hu Y., Lu C.-H., Guo W., Aleman-Garcia M.A., Ricci F., Willner I.,	PH-responsive and switchable triplex-based DNA hydrogels	2015	Chemical Science	6	7	4190	4195
7	Leto S.M., Sassi F., Catalano I., Torri V., Migliardi G., Zanella E.R., Throsby M., Bertotti A., Trusolino L.,	Sustained Inhibition of HER3 and EGFR Is Necessary to Induce Regression of HER2-Amplified Gastrointestinal Carcinomas	2015	Clinical Cancer Research	21	24	5519	5531
8	Rastrelli G., Carter E.L., Ahern T., Finn J.D., Antonio L., O'Neill T.W., Bartfai G., Casanueva F.F., Forti G., Keevil B., Maggi M., Giwercman A., Han T.S., Huhtaniemi I.T., Kula K., Lean M.E.J., Pendleton N., Punab M., Vanderschueren D., Wu Prof Md F.C.W., Pott C., Wouters E., Nilsson M., Del Mar Fernandez M., Jedrzejowska M., Tabo H.-M., Heredi A., Moseley C.,	Development of and recovery from secondary hypogonadism in aging men: Prospective results from the EMAS	2015	Journal of Clinical Endocrinology and Metabolism	100	8	3172	3182
9	De Falco M., Lucariello A., Iaquinto S., Esposito V., Guerra G., De Luca A.,	Molecular mechanisms of helicobacter pylori pathogenesis	2015	Journal of Cellular Physiology	230	8	1702	1707

10	Brancolini G., Corazza A., Vuano M., Fogolari F., Mimmi M.C., Bellotti V., Stoppini M., Corni S., Esposito G.,	Probing the influence of citrate-capped gold nanoparticles on an amyloidogenic protein	2015	ACS Nano	9	3	2600	2613
11	Ravalli A., Marrazza G.,	Gold and magnetic nanoparticles-based electrochemical biosensors for cancer biomarker determination	2015	Journal of Nanoscience and Nanotechnology	15	5	3307	3319
12	Cinti S., Arduini F., Carbone M., Sansone L., Cacciotti I., Moscone D., Palleschi G.,	Screen-Printed Electrodes Modified with Carbon Nanomaterials: A Comparison among Carbon Black, Carbon Nanotubes and Graphene	2015	Electroanalysis	27	9	2230	2238
13	Rodríguez-Carrasco Y., Fattore M., Albrizio S., Berrada H., Mañes J.,	Occurrence of Fusarium mycotoxins and their dietary intake through beer consumption by the European population	2015	Food Chemistry	178		149	155
14	Picardi E., Manzari C., Mastropasqua F., Aiello I., D'Erchia A.M., Pesole G.,	Profiling RNA editing in human tissues: Towards the inosinome Atlas	2015	Scientific Reports	5	14941		
15	Modernelli A., Naponelli V., Giovanna Troglia M., Bonacini M., Ramazzina I., Bettuzzi S., Rizzi F.,	EGCG antagonizes Bortezomib cytotoxicity in prostate cancer cells by an autophagic mechanism	2015	Scientific Reports	5	15270		
16	Menale C., Piccolo M.T., Cirillo G., Calogero R.A., Papparella A., Mita L., Del Giudice E.M., Diano N., Crispi S., Mita D.G.,	Bisphenol A effects on gene expression in adipocytes from children: Association with metabolic disorders	2015	Journal of Molecular Endocrinology	54	3	289	303
17	Campanini B., Pieroni M., Raboni S., Bettati S., Benoni R., Pecchini C., Costantino G., Mozzarelli A.,	Inhibitors of the sulfur assimilation pathway in bacterial pathogens as enhancers of antibiotic therapy	2015	Current Medicinal Chemistry	22	2	187	213
18	Campanini B., Benoni R., Bettati S., Beck C.M., Hayes C.S., Mozzarelli A.,	Moonlighting O-acetylserine sulfhydrylase: New functions for an old protein	2015	Biochimica et Biophysica Acta - Proteomics	1854	39537	1184	1193

19	Monti D.M., Guarnieri D., Napolitano G., Piccoli R., Netti P., Fusco S., Arciello A.,	Biocompatibility, uptake and endocytosis pathways of polystyrene nanoparticles in primary human renal epithelial cells	2015	Journal of Biotechnology	193		3	10
20	Ghughe S.A., Carucci A., Rodrigues-Pousada R.A., Tisi A., Franchi S., Tavladoraki P., Angelini R., Cona A.,	The apoplastic copper amine oxidase1 mediates jasmonic acid-induced protoxylem differentiation in arabidopsis roots	2015	Plant Physiology	168	2	690	707
21	Talarico D., Arduini F., Constantino A., Del Carlo M., Compagnone D., Moscone D., Palleschi G.,	Carbon black as successful screen-printed electrode modifier for phenolic compound detection	2015	Electrochemistry Communications	60		78	82
22	Mita L., Grumiro L., Rossi S., Bianco C., Defez R., Gallo P., Mita D.G., Diano N.,	Bisphenol A removal by a Pseudomonas aeruginosa immobilized on granular activated carbon and operating in a fluidized bed reactor	2015	Journal of Hazardous Materials	291		129	135
23	Marchetti M., Bruno S., Campanini B., Bettati S., Peracchi A., Mozzarelli A.,	Regulation of human serine racemase activity and dynamics by halides, ATP and malonate	2015	Amino Acids	47	1	163	173
24	Hamidi-Asl E., Raouf J.B., Hejazi M.S., Sharifi S., Golabi S.M., Palchetti I., Mascini M.,	A Genosensor for Point Mutation Detection of P53 Gene PCR Product Using Magnetic Particles	2015	Electroanalysis	27	6	1378	1386
25	Zaza S., Lucini S.M., Sciascia F., Ferrone V., Cifelli R., Carlucci G., Locatelli M.,	Recent advances in the separation and determination of impurities in pharmaceutical products	2015	Instrumentation Science and Technology	43	2	182	196
26	Cantini L., Isella C., Petti C., Picco G., Chiola S., Ficarra E., Caselle M., Medico E.,	MicroRNA-mRNA interactions underlying colorectal cancer molecular subtypes	2015	Nature Communications	6	8878		
27	Maradonna F., Nozzi V., Santangeli S., Traversi I., Gallo P., Fattore E., Mita D.G., Mandich A., Carnevali O.,	Xenobiotic-contaminated diets affect hepatic lipid metabolism: Implications for liver steatosis in Sparus aurata juveniles	2015	Aquatic Toxicology	167		257	264

28	Travaglia A., Pietropaolo A., Di Martino R., Nicoletti V.G., La Mendola D., Calissano P., Rizzarelli E.,	A Small Linear Peptide Encompassing the NGF N-Terminus Partly Mimics the Biological Activities of the Entire Neurotrophin in PC12 Cells	2015	ACS Chemical Neuroscience	6	8	1379	1392
29	Bertotti A., Sassi F.,	Molecular pathways: Sensitivity and resistance to Anti-EGFR antibodies	2015	Clinical Cancer Research	21	15	3377	3383
30	Acconcia F., Pallottini V., Marino M.,	Molecular mechanisms of action of BPA	2015	Dose-Response	13	4		„
31	Policardo L., Seghieri G., Francesconi P., Anichini R., Franconi F., Seghieri C., Del Prato S.,	Gender difference in diabetes-associated risk of first-ever and recurrent ischemic stroke	2015	Journal of Diabetes and its Complications	29	5	713	717
32	Castiglioni S., Cazzaniga A., Trapani V., Cappadone C., Farruggia G., Merolle L., Wolf F.I., Iotti S., Maier J.A.M.,	Magnesium homeostasis in colon carcinoma LoVo cells sensitive or resistant to doxorubicin	2015	Scientific Reports	5		16538	
33	Peruzzu A., Solinas G., Asara Y., Forte G., Bocca B., Tolu F., Malaguarnera L., Montella A., Madeddu R.,	Association of trace elements with lipid profiles and glycaemic control in patients with type 1 diabetes mellitus in northern Sardinia, Italy: An observational study	2015	Chemosphere	132	101	107	
34	Petti C., Picco G., Martelli M.L., Trisolini E., Bucci E., Perera T., Isella C., Medico E.,	Truncated RAF kinases drive resistance to MET inhibition in MET-addicted cancer cells	2015	Oncotarget	6	1	221	223
35	Naponelli V., Modernelli A., Bettuzzi S., Rizzi F.,	Roles of autophagy induced by natural compounds in prostate cancer	2015	BioMed Research International	2015		121826	
36	Bocca B., Forte G., Oggiano R., Clemente S., Asara Y., Peruzzu A., Farace C., Pala S., Fois A.G., Pirina P., Madeddu R.,	Level of neurotoxic metals in amyotrophic lateral sclerosis: A population-based case-control study	2015	Journal of the Neurological Sciences	359	01-feb	11	17
37	Cantini L., Medico E., Fortunato S., Caselle M.,	Detection of gene communities in multi-networks reveals cancer drivers	2015	Scientific Reports	5		17386	

38	Bisi A., Gobbi S., Merolle L., Farruggia G., Belluti F., Rampa A., Molnar J., Malucelli E., Cappadone C.,	Design, synthesis and biological profile of new inhibitors of multidrug resistance associated proteins carrying a polycyclic scaffold	2015	European Journal of Medicinal Chemistry	92		471	480
39	Calia G., Monti P., Marceddu S., Dettori M.A., Fabbri D., Jaoua S., O'Neill R.D., Serra P.A., Delogu G., Migheli Q.,	Electropolymerized phenol derivatives as permselective polymers for biosensor applications	2015	Analyst	140	10	3607	3615
40	Bonaiuto E., Grancara S., Martinis P., Stringaro A., Colone M., Agostinelli E., Maccone A., Stevanato R., Vianello F., Toninello A., Di Paolo M.L.,	A novel enzyme with spermine oxidase properties in bovine liver mitochondria: Identification and kinetic characterization	2015	Free Radical Biology and Medicine	81		88	99
41	Biocca S., Iacovelli F., Matarazzo S., Vindigni G., Oteri F., Desideri A., Falconi M.,	Molecular mechanism of statin-mediated LOX-1 inhibition	2015	Cell Cycle	14	10	1583	1595
42	Tamma G., Goswami N., Reichmuth J., De Santo N.G., Valenti G.,	Aquaporins, vasopressin, and aging: Current perspectives	2015	Endocrinology	156	3	777	788
43	Giansanti F., Leboffe L., Angelucci F., Antonini G.,	The nutraceutical properties of ovotransferrin and its potential utilization as a functional food	2015	Nutrients	7	11	9105	9115
44	Farace C., Oliver J.A., Melguizo C., Alvarez P., Bandiera P., Rama A.R., Malaguarnera G., Ortiz R., Madeddu R., Prados J.,	Microenvironmental modulation of decorin and lumican in temozolomide-resistant glioblastoma and neuroblastoma cancer stem-like cells	2015	PLoS ONE	10		7 e0134111	
45	Arena P., Calí M., Patané L., Portera A., Strauss R.,	Modelling the insect Mushroom Bodies: Application to sequence learning	2015	Neural Networks	67		37	53
46	Ranieri M., Tamma G., Di Mise A., Russo A., Centrone M., Svelto M., Calamita G., Valenti G.,	Negative feedback from CaSR signaling to aquaporin-2 sensitizes vasopressin to extracellular Ca <sup>2+</sup>	2015	Journal of Cell Science	128	13	2350	2360
47	D'Annessa I., Castelli S., Desideri A.,	Topoisomerase 1B as a target against Leishmaniasis	2015	Mini-Reviews in Medicinal Chemistry	15	3	203	210
48	Zorzan M., Giordan E., Redaelli M., Caretta A., Mucignat-Caretta C.,	Molecular targets in glioblastoma	2015	Future Oncology	11	9	1407	1420

49	Bonacini M., Coletta M., Ramazzina I., Naponelli V., Modernelli A., Davalli P., Bettuzzi S., Rizzi F.,	Distinct promoters, subjected to epigenetic regulation, drive the expression of two clusterin mRNAs in prostate cancer cells	2015	Biochimica et Biophysica Acta - Gene Regulatory Mechanisms	1849	1	44	54
50	Balmas V., Scherm B., Marcello A., Beyer M., Hoffmann L., Migheli Q., Pasquali M.,	Fusarium species and chemotypes associated with fusarium head blight and fusarium root rot on wheat in Sardinia	2015	Plant Pathology	64	4	972	979
51	Chiara M., Fanelli F., Mulè G., Logrieco A.F., Pesole G., Leslie J.F., Horner D.S., Toomajian C.,	Genome sequencing of multiple isolates highlights subtelomeric genomic diversity within Fusarium Fujikuroi	2015	Genome Biology and Evolution	7	11	3062	3069
52	Pennisi R., Ascenzi P., di Masi A.,	Hsp90: A new player in DNA Repair?	2015	Biomolecules	5	4	2589	2618
53	Fogolari F., Corazza A., Fortuna S., Soler M.A., Van Schouwen B., Brancolini G., Corni S., Melacini G., Esposito G.,	Distance-based configurational entropy of proteins from molecular dynamics simulations	2015	PLoS ONE	10		7	e0132356
54	Bon I., Turriziani O., Musumeci G., Clò A., Montagna C., Morini S., Calza L., Gibellini D., Antonelli G., Re M.C.,	HIV-1 coreceptor usage in paired plasma RNA and proviral DNA from patients with acute and chronic infection never treated with antiretroviral therapy	2015	Journal of Medical Virology	87	2	315	322
55	D'Orazio M., Mastropasqua M.C., Cerasi M., Pacello F., Consalvo A., Chirullo B., Mortensen B., Skaar E.P., Ciavardelli D., Pasquali P., Battistoni A.,	The capability of Pseudomonas aeruginosa to recruit zinc under conditions of limited metal availability is affected by inactivation of the ZnuABC transporter	2015	Metallomics	7	6	1023	1035
56	Viganò L., De Flora S., Gobbi M., Guiso G., Izzotti A., Mandich A., Mascolo G., Roscioli C.,	Exposing native cyprinid (Barbus plebejus) juveniles to river sediments leads to gonadal alterations, genotoxic effects and thyroid disruption	2015	Aquatic Toxicology	169		223	239
57	Cappadone C., Stefanelli C., Malucelli E., Zini M., Onofrillo C., Locatelli A., Rambaldi M., Sargenti A., Merolle L., Farruggia G., Graziadio A., Montanaro L., Iotti S.,	P53-dependent and p53-independent anticancer activity of a new indole derivative in human osteosarcoma cells	2015	Biochemical and Biophysical Research Communications	467	2	348	353



58	Maserti B., Podda A., Giorgetti L., Del Carratore R., Chevret D., Migheli Q.,	Proteome changes during yeast-like and pseudohyphal growth in the biofilm-forming yeast <i>Pichia fermentans</i>	2015	Amino Acids	47	1933	1091	1106
59	Redaelli M., Ricatti M.J., Simonetto M., Claus M., Ballabio M., Caretta A., Mucignat-Caretta C.,	Serotonin and noradrenaline reuptake inhibitors improve micturition control in mice	2015	PLoS ONE	10		3	e0121883
60	Portaccio M., Menale C., Diano N., Serri C., Mita D.G., Lepore M.,	Monitoring production process of cisplatin-loaded PLGA nanoparticles by FT-IR microspectroscopy and univariate data analysis	2015	Journal of Applied Polymer Science	132		3	41305
61	Ghuge S.A., Carucci A., Rodrigues-Pousada R.A., Tisi A., Franchi S., Tavladoraki P., Angelini R., Cona A.,	The MeJA-inducible copper amine oxidase AtAo1 is expressed in xylem tissue and guard cells	2015	Plant Signaling and Behavior	10		10	e1073872
62	Ronda L., Bruno S., Campanini B., Mozzarellib A., Abbruzzetti S., Viappiani C., Cupane A., Levantino M., Bettati S.,	Immobilization of proteins in silica gel: Biochemical and biophysical properties	2015	Current Organic Chemistry	19	17	1653	1668
63	Aschi M., Luzi C., Fiorillo A., Bozzi A.,	Folding propensity of anoplin: A molecular dynamics study of the native peptide and four mutated isoforms	2015	Biopolymers	103	12	692	701
64	Fattore M., Russo G., Barbato F., Grumetto L., Albrizio S.,	Monitoring of bisphenols in canned tuna from Italian markets	2015	Food and Chemical Toxicology	83		68	75
65	Arienzo A., Sobze M.S., Guetiya Wadoum R.E., Losito F., Colizzi V., Antonini G.,	Field application of the micro biological survey method for a simple and effective assessment of the microbiological quality of water sources in developing countries	2015	International Journal of Environmental Research and Public Health	12	9	10314	10328
66	Ruoppolo M., Scolamiero E., Caterino M., Mirisola V., Franconi F., Campesi I.,	Female and male human babies have distinct blood metabolomic patterns	2015	Molecular BioSystems	11	9	2483	2492
67	Lucariello A., Trabucco E., Boccia O., Perna A., Sellitto C., Castaldi M.A., De Falco M., De Luca A., Cobellis L.,	Small leucine rich proteoglycans are differently distributed in normal and pathological endometrium	2015	In Vivo	29	2	217	222

68	Picardi E., D'Erchia A.M., A. Antonio, G. Graziano,	Using REDIttools to detect RNA editing events in NGS datasets	2015	Current Protocols in Bioinformatics	2015		12.12.1	12.12.15
69	Menale C., Piccolo M.T., Favicchia I., Aruta M.G., Baldi A., Nicolucci C., Barba V., Mita D.G., Crispi S., Diano N.,	Efficacy of piroxicam plus cisplatin-loaded PLGA nanoparticles in inducing apoptosis in mesothelioma cells	2015	Pharmaceutical Research	32	2	362	374
70	Cevenini L., Roda A., Michelinia E.,	Biosensor with immobilized cells and lensless imaging detection	2015	Bioluminescent Microbial Biosensors: Design, Construction, and Implementation	5		91	105
71	De Maio A., Porzio E., Angelo R.D., Rotondo S., Bianchi A.R., Confalone E., Raucci R., Natale E., Faraone-Mennella M.R.,	A glycosyltransferase from <i>Sulfolobus solfataricus</i> MT-4 exhibits poly(ADP-ribose) glycohydrolase activity	2015	Current Proteomics	12	4	253	263
72	Mennella M.R.F.,	A new facet of ADP-ribosylation reactions: SIRT1 and PARP1 interplay	2015	Frontiers in Bioscience - Landmark	20	3	458	473
73	Picardi E.,	Preface	2015	RNA Bioinformatics			v	vi
74	Picardi E., D'Erchia A.M., Gallo A., Pesole G.,	Detection of post-transcriptional RNA editing events	2015	RNA Bioinformatics	189		205	
75	D'Antonio M., Castrignanò T., Pallocca M., D'Erchia A.M., Picardi E., Pesole G.,	ASPicDB: A database web tool for alternative splicing analysis	2015	RNA Bioinformatics	365		378	
76	D'Antonio M., Picardi E., Castrignanò T., D'Erchia A.M., Pesole G.,	Exploring the RNA editing potential of RNA-seq data by <i>expedit</i>	2015	RNA Bioinformatics	327		338	
77	Giulietti M., Grillo G., Liuni S., Pesole G.,	A guideline for the annotation of UTR regulatory elements in the UTRsite collection	2015	RNA Bioinformatics	339		348	
78	Picardi E.,	RNA bioinformatics	2015	RNA Bioinformatics	1		415	
79	Mita D.G., Forte M., Mita L.,	Bioremediation of waters polluted by endocrine disruptors by means of the process of thermodialysis	2015	Open Biotechnology Journal	9		1	

80	Melucci D., Locatelli C., D'Annunzio M., Rendina M., Locatelli M.,	Analytical Methods for Organic and Inorganic Toxics Determination in Cosmetics Products	2015	New Developments in Analytical Chemistry Research	1		39	
81	Bruni L., Croci S.,	K:D-rib on biology of human cancer and not cancer cell line	2015	Journal of Biological Research (Italy)	88		1	4
82	Fogolari F., Corazza A., Esposito G.,	Accuracy assessment of the linear Poisson-Boltzmann equation and reparametrization of the OBC generalized born model for nucleic acids and nucleic acid-protein complexes	2015	Journal of Computational Chemistry	36	9	585	596
83	Ronda L., Bettati S., Bruno S.,	Immobilization of proteins in Ormosil gels: Functional properties and applications	2015	Current Organic Chemistry	19	17	1677	1683
84	Bon I., Musumeci G., Pavoni M., Misericocchi A., Lo Presti A., Morini S., Caio G., Vittoria A.D., Gibellini D., Re M.C.,	Durable viral suppression in an HIV-infected patient in the absence of antiretroviral therapy	2015	New Microbiologica	38	2	289	292
85	Menale C., Mita D.G., Diano N., Diano S.,	Adverse effects of bisphenol a exposure on glucose metabolism regulation	2015	Open Biotechnology Journal	9		1	
86	Bettati S., Bruno S.,	Organic polymeric matrices for the three-dimensional immobilization of proteins: A biochemical and biophysical perspective	2015	Current Organic Chemistry	19		17	
87	Regitz-Zagrosek V., Oertelt-Prigione S., Prescott E., Franconi F., Gerds E., Foryst-Ludwig A., Maas A.H.E.M., Kautzky-Willer A., Knappe-Wegner D., Kintscher U., Ladwig K.H., Schenck-Gustafsson K., Stangl V.,	Gender in cardiovascular diseases: Impact on clinical manifestations, management, and outcomes	2016	European Heart Journal	37	1	24	34
88	Amine A., Arduini F., Moscone D., Palleschi G.,	Recent advances in biosensors based on enzyme inhibition	2016	Biosensors and Bioelectronics	76		180	194
89	Locatelli M., Sciascia F., Cifelli R., Malatesta L., Bruni P., Croce F.,	Analytical methods for the endocrine disruptor compounds determination in environmental water samples	2016	Journal of Chromatography A	1434		1	18

90	Santangeli S., Maradonna F., Gioacchini G., Cobellis G., Piccinetti C.C., Dalla Valle L., Carnevali O.,	BPA-Induced Deregulation of Epigenetic Patterns: Effects on Female Zebrafish Reproduction	2016	Scientific Reports	6	21982		
91	Roda A., Michelini E., Zangheri M., Di Fusco M., Calabria D., Simoni P.,	Smartphone-based biosensors: A critical review and perspectives	2016	TrAC - Trends in Analytical Chemistry	79		317	325
92	Davalli P., Mitic T., Caporali A., Lauriola A., D'Arca D.,	ROS, Cell Senescence, and Novel Molecular Mechanisms in Aging and Age-Related Diseases	2016	Oxidative Medicine and Cellular Longevity	2016	3565127		
93	Farace C., Sánchez-Moreno P., Orecchioni M., Manetti R., Sgarrella F., Asara Y., Peula-García J.M., Marchal J.A., Madeddu R., Delogu L.G.,	Immune cell impact of three differently coated lipid nanocapsules: Pluronic, chitosan and polyethylene glycol	2016	Scientific Reports	6	18423		
94	Cinti S., Neagu D., Carbone M., Cacciotti I., Moscone D., Arduini F.,	Novel carbon black-cobalt phthalocyanine nanocomposite as sensing platform to detect organophosphorus pollutants at screen-printed electrode	2016	Electrochimica Acta	188		574	581
95	Lamberti I., Scarano S., Esposito C.L., Antoccia A., Antonini G., Tanzarella C., De Franciscis V., Minunni M.,	In vitro selection of RNA aptamers against CA125 tumor marker in ovarian cancer and its study by optical biosensing	2016	Methods	97		58	68
96	Agabio R., Campesi I., Pisanu C., Gessa G.L., Franconi F.,	Sex differences in substance use disorders: focus on side effects	2016	Addiction Biology	21	5	1030	1042
97	Arduini F., Cinti S., Scognamiglio V., Moscone D.,	Nanomaterials in electrochemical biosensors for pesticide detection: advances and challenges in food analysis	2016	Microchimica Acta	183	7	2063	2083
98	Nicchia G.P., Pisani F., Simone L., Cibelli A., Mola M.G., Dal Monte M., Frigeri A., Bagnoli P., Svelto M.,	Glio-vascular modifications caused by Aquaporin-4 deletion in the mouse retina	2016	Experimental Eye Research	146		259	268

99	Pieroni M., Annunziato G., Beato C., Wouters R., Benoni R., Campanini B., Pertinhez T.A., Bettati S., Mozzarelli A., Costantino G.,	Rational Design, Synthesis, and Preliminary Structure-Activity Relationships of $\alpha$ -Substituted-2-Phenylcyclopropane Carboxylic Acids as Inhibitors of Salmonella typhimurium O-Acetylserine Sulfhydrylase	2016	Journal of Medicinal Chemistry	59	6	2567	2578
100	Campesi I., Capobianco G., Dessole S., Occhioni S., Montella A., Franconi F.,	Estrogenic compounds have divergent effects on human endothelial progenitor cell migration according to sex of the donor	2016	Journal of Vascular Research	52	4	273	278
101	Del Giudice R., Arciello A., Itri F., Merlino A., Monti M., Buonanno M., Penco A., Canetti D., Petruk G., Monti S.M., Relini A., Pucci P., Piccoli R., Monti D.M.,	Protein conformational perturbations in hereditary amyloidosis: Differential impact of single point mutations in ApoA1 amyloidogenic variants	2016	Biochimica et Biophysica Acta - General Subjects	1860	2	434	444
102	Malucelli E., Fratini M., Notargiacomo A., Gianoncelli A., Merolle L., Sargenti A., Cappadone C., Farruggia G., Lagomarsino S., Iotti S.,	Where is it and how much? Mapping and quantifying elements in single cells	2016	Analyst	141	18	5221	5235
103	Beato C., Pecchini C., Cocconcelli C., Campanini B., Marchetti M., Pieroni M., Mozzarelli A., Costantino G.,	Cyclopropane derivatives as potential human serine racemase inhibitors: Unveiling novel insights into a difficult target	2016	Journal of Enzyme Inhibition and Medicinal Chemistry	31	4	645	652
104	Martella A., Silvestri C., Maradonna F., Gioacchini G., Allara M., Radaelli G., Overby D.R., Di Marzo V., Carnevali O.,	Bisphenol a induces fatty liver by an endocannabinoid-mediated positive feedback loop	2016	Endocrinology	157	5	1751	1763
105	D'Alessandro S., Camarda G., Corbett Y., Siciliano G., Parapini S., Cevenini L., Michelini E., Roda A., Leroy D., Taramelli D., Alano P.,	A chemical susceptibility profile of the Plasmodium falciparum transmission stages by complementary cell-based gametocyte assays	2016	Journal of Antimicrobial Chemotherapy	71	dkv493	1148	1158
106	Arduini F., Neagu D., Pagliarini V., Scognamiglio V., Leonardis M.A., Gatto E., Amine A., Palleschi G., Moscone D.,	Rapid and label-free detection of ochratoxin A and aflatoxin B1 using an optical portable instrument	2016	Talanta	150		440	448

107	Campesi I., Occhioni S., Tonolo G., Cherchi S., Basili S., Carru C., Zinellu A., Franconi F.,	Ageing/menopausal status in healthy women and ageing in healthy men differently affect cardiometabolic parameters	2016	International Journal of Medical Sciences	13	2	124	132
108	Fogolari F., Dongmo Fomthum C.J., Fortuna S., Soler M.A., Corazza A., Esposito G.,	Accurate Estimation of the Entropy of Rotation-Translation Probability Distributions	2016	Journal of Chemical Theory and Computation	12	1	1	8
109	Giansanti F., Panella G., Leboffe L., Antonini G.,	Lactoferrin from milk: Nutraceutical and pharmacological properties	2016	Pharmaceuticals	9		4	61
110	Caliceti C., Calabria D., Roda A.,	A new sensitive and quantitative chemiluminescent assay to monitor intracellular xanthine oxidase activity for rapid screening of inhibitors in living endothelial cells	2016	Analytical and Bioanalytical Chemistry	408	30	8755	8760
111	Magri A., Belfiore R., Reina S., Tomasello M.F., Di Rosa M.C., Guarino F., Leggio L., De Pinto V., Messina A.,	Hexokinase i N-terminal based peptide prevents the VDAC1-SOD1 G93A interaction and re-establishes ALS cell viability	2016	Scientific Reports	6	34802		
112	Procino G., Carmosino M., Milano S., Dal Monte M., Schena G., Mastrodonato M., Gerbino A., Bagnoli P., Svelto M.,	$\beta$ 3 adrenergic receptor in the kidney may be a new player in sympathetic regulation of renal function	2016	Kidney International	90	3	555	567
113	Donner L., Falker K., Gremer L., Klinker S., Pagani G., Ljungberg L.U., Lothmann K., Rizzi F., Schaller M., Gohlke H., Willbold D., Grenegard M., Elvers M.,	Platelets contribute to amyloid- $\beta$ aggregation in cerebral vessels through integrin $\alpha$ IIb $\beta$ 3-induced outside-in signaling and clusterin release	2016	Science Signaling	9		429	ra52
114	Cinti S., Santella F., Moscone D., Arduini F.,	Hg2+ detection using a disposable and miniaturized screen-printed electrode modified with nanocomposite carbon black and gold nanoparticles	2016	Environmental Science and Pollution Research	23	9	8192	8192
115	Bianchi A.R., Ferreri C., Ruggiero S., Deplano S., Sunda V., Galloro G., Formisano C., Faraone Mennella M.R.,	Automodification of PARP and fatty acid-based membrane lipidome as a promising integrated biomarker panel in molecular medicine	2016	Biomarkers in Medicine	10	3	229	242

116	Itri F., Monti D.M., Della Ventura B., Vinciguerra R., Chino M., Gesuele F., Lombardi A., Velotta R., Altucci C., Birolo L., Piccoli R., Arciello A.,	Femtosecond UV-laser pulses to unveil protein-protein interactions in living cells	2016	Cellular and Molecular Life Sciences	73	3	637	648
117	Paredi G., Raboni S., Marchesani F., Ordoudi S.A., Tsimidou M.Z., Mozzarelli A., McPhee D.J.,	Insight of saffron proteome by gel-electrophoresis	2016	Molecules	21		2	
118	Li H., Arroyo-Currás N., Kang D., Ricci F., Plaxco K.W.,	Dual-Reporter Drift Correction To Enhance the Performance of Electrochemical Aptamer-Based Sensors in Whole Blood	2016	Journal of the American Chemical Society	138	49	15809	15812
119	Arciello A., Piccoli R., Monti D.M.,	Apolipoprotein A-I: the dual face of a protein	2016	FEBS Letters	590	23	4171	4179
120	Comeglio P., Cellai I., Filippi S., Corno C., Corcetto F., Morelli A., Maneschi E., Maseroli E., Mannucci E., Fambrini M., Maggi M., Vignozzi L.,	Differential Effects of Testosterone and Estradiol on Clitoral Function: An Experimental Study in Rats	2016	Journal of Sexual Medicine	13	12	1858	1871
121	Zangheri M., Di Nardo F., Mirasoli M., Anfossi L., Nascetti A., Caputo D., De Cesare G., Guardigli M., Baggiani C., Roda A.,	Chemiluminescence lateral flow immunoassay cartridge with integrated amorphous silicon photosensors array for human serum albumin detection in urine samples	2016	Analytical and Bioanalytical Chemistry	408	30	8869	8879
122	Cevenini L., Calabretta M.M., Lopreside A., Tarantino G., Tassoni A., Ferri M., Roda A., Michelini E.,	Exploiting NanoLuc luciferase for smartphone-based bioluminescence cell biosensor for (anti)-inflammatory activity and toxicity	2016	Analytical and Bioanalytical Chemistry	408	30	8859	8868
123	Annunziato G., Pieroni M., Benoni R., Campanini B., Pertinhez T.A., Pecchini C., Bruno A., Magalhães J., Bettati S., Franko N., Mozzarelli A., Costantino G.,	Cyclopropane-1,2-dicarboxylic acids as new tools for the biophysical investigation of O-acetylserine sulfhydrylases by fluorimetric methods and saturation transfer difference (STD) NMR	2016	Journal of Enzyme Inhibition and Medicinal Chemistry	31		78	87
124	Campesi I., Occhioni S., Capobianco G., Fois M., Montella A., Dessole S., Franconi F.,	Sex-specific pharmacological modulation of autophagic process in human umbilical artery smooth muscle cells	2016	Pharmacological Research	113		166	174

125	Gaither M.R., Violi B., Gray H.W.I., Neat F., Drazen J.C., Grubbs R.D., Roa-Varón A., Sutton T., Hoelzel A.R.,	Depth as a driver of evolution in the deep sea: Insights from grenadiers (Gadiformes: Macrouridae) of the genus <i>Coryphaenoides</i>	2016	Molecular Phylogenetics and Evolution	104		73	82
126	Roda B., Mirasoli M., Zattoni A., Casale M., Oliveri P., Bigi A., Reschiglian P., Simoni P., Roda A.,	A new analytical platform based on field-flow fractionation and olfactory sensor to improve the detection of viable and non-viable bacteria in food	2016	Analytical and Bioanalytical Chemistry	408	26	7367	7377
127	Squitti R., Siotto M., Arciello M., Rossi L.,	Non-ceruloplasmin bound copper and: ATP7B gene variants in Alzheimer's disease	2016	Metallomics	8	9	863	873
128	Maseroli E., Fanni E., Mannucci E., Fambrini M., Jannini E.A., Maggi M., Vignozzi L.,	Which are the male factors associated with female sexual dysfunction (FSD)?	2016	Andrology	4	5	911	920
129	Tamma G., Valenti G.,	Evaluating the oxidative stress in renal diseases: What is the role for s-glutathionylation?	2016	Antioxidants and Redox Signaling	25	3	147	164
130	Vindigni G., Raniolo S., Ottaviani A., Falconi M., Franch O., Knudsen B.R., Desideri A., Biocca S.,	Receptor-Mediated Entry of Pristine Octahedral DNA Nanocages in Mammalian Cells	2016	ACS Nano	10	6	5971	5979
131	Micheli L., Mazzuca C., Palleschi A., Palleschi G.,	Development of a diagnostic and cleaning tool for paper artworks: A case of study	2016	Microchemical Journal	126		32	41
132	Mazzuca C., Micheli L., Lettieri R., Cervelli E., Coviello T., Cencetti C., Sotgiu S., Iannuccelli S., Palleschi G., Palleschi A.,	How to tune a paper cleaning process by means of modified gellan hydrogels	2016	Microchemical Journal	126		359	367
133	Salerno M., Loria P., Matarazzo G., Tomè F., Diaspro A., Eggenhöfner R.,	Surface morphology and tooth adhesion of a novel nanostructured dental restorative composite	2016	Materials	9		3	203
134	Vignozzi L., Morelli A., Cellai I., Filippi S., Comeglio P., Sarchielli E., Maneschi E., Vannelli G.B., Adorini L., Maggi M.,	Cardiopulmonary protective effects of the selective FXR agonist obeticholic acid in the rat model of monocrotaline-induced pulmonary hypertension	2016	Journal of Steroid Biochemistry and Molecular Biology				



135	Merolle L., Malucelli E., Fratini M., Gianoncelli A., Notargiacomo A., Cappadone C., Farruggia G., Sargenti A., Procopio A., Lombardo M., Lagomarsino S., Iotti S.,	Repeatability and reproducibility of intracellular molar concentration assessed by synchrotron-based X-ray fluorescence microscopy	2016	AIP Conference Proceedings	1696	20032		
136	Lupo B., Vialard J., Sassi F., Angibaud P., Puliafito A., Pupo E., Lanzetti L., Comoglio P.M., Bertotti A., Trusolino L.,	Tankyrase inhibition impairs directional migration and invasion of lung cancer cells by affecting microtubule dynamics and polarity signals	2016	BMC Biology	14		1	5
137	Grasselli E., Voci A., Demori I., Vecchione G., Compalati A.D., Gallo G., Goglia F., De Matteis R., Silvestri E., Vergani L.,	Triglyceride mobilization from lipid droplets sustains the anti-steatotic action of iodothyronines in cultured rat hepatocytes	2016	Frontiers in Physiology	6	Jan		418
138	Pesce A., Bustamante J.P., Bidon-Chanal A., Boechi L., Estrin D.A., Luque F.J., Sebilo A., Guertin M., Bolognesi M., Ascenzi P., Nardini M.,	The N-terminal pre-A region of Mycobacterium tuberculosis 2/2HbN promotes NO-dioxygenase activity	2016	FEBS Journal	283		2	305 322
139	Lotti F., Corona G., Castellini G., Maseroli E., Fino M.G., Cozzolino M., Maggi M.,	Semen quality impairment is associated with sexual dysfunction according to its severity	2016	Human Reproduction	31		12	2668 2680
140	Palladino P., Aura A.M., Spoto G.,	Surface plasmon resonance for the label-free detection of Alzheimer's $\beta$ -amyloid peptide aggregation	2016	Analytical and Bioanalytical Chemistry	408		3	849 854
141	Morini S., Musumeci G., Bon I., Miserocchi A., Alviano F., Longo S., Bertoldi A., Velati C.V., Gibellini D., Re M.C.,	HIV-1 gp120 impairs the differentiation and survival of cord blood CD34+ HPCs induced to the erythroid lineage	2016	New Microbiologica	39		1	13 23
142	Petruzzelli M., Piccinin E., Pinto C., Peres C., Bellafante E., Moschetta A.,	Biliary Phospholipids Sustain Enterocyte Proliferation and Intestinal Tumor Progression via Nuclear Receptor Lrh1 in mice	2016	Scientific Reports	6		39278	
143	Miserocchi A., Musumeci G., Bon I., Morini S., Longo S., Borderi M., Gibellini D., Carla Re M.,	Effects of antiretroviral molecules on survival and gene expression of an osteoblast-like cell line	2016	Current HIV Research	14		6	497 505

144	Ghisellini P., Caiazza M., Alessandrini A., Eggenhöfner R., Vassalli M., Facci P.,	Direct electrical control of IgG conformation and functional activity at surfaces	2016	Scientific Reports	6	37779		
145	Errico Provenzano A., Posteri R., Giansanti F., Angelucci F., Flavell S.U., Flavell D.J., Fabbrini M.S., Porro D., Ippoliti R., Ceriotti A., Branduardi P., Vago R.,	Optimization of construct design and fermentation strategy for the production of bioactive ATF-SAP, a saporin based anti-tumoral uPAR-targeted chimera	2016	Microbial Cell Factories	15		1	194
146	Maseroli E., Fanni E., Cipriani S., Scavello I., Pampaloni F., Battaglia C., Fambrini M., Mannucci E., Jannini E.A., Maggi M., Vignozzi L.,	Cardiometabolic Risk and Female Sexuality: Focus on Clitoral Vascular Resistance	2016	Journal of Sexual Medicine	13	11	1651	1661
147	Maccarone R., Rapino C., Zerti D., Di Tommaso M., Battista N., Di Marco S., Bisti S., Maccarrone M.,	Modulation of Type-1 and Type-2 cannabinoid receptors by saffron in a rat model of retinal neurodegeneration	2016	PLoS ONE	11		11	e0166827
148	Caliceti C., Rizzo P., Ferrari R., Fortini F., Aquila G., Leoncini E., Zamboni L., Rizzo B., Calabria D., Simoni P., Mirasoli M., Guardigli M., Hrelia S., Roda A., Cicero A.F.G.,	Novel role of the nutraceutical bioactive compound berberine in lectin-like OxLDL receptor 1-mediated endothelial dysfunction in comparison to lovastatin	2016	Nutrition, Metabolism and Cardiovascular Diseases				
149	Fattore M., Montesano D., Pagano E., Teta R., Borrelli F., Mangoni A., Seccia S., Albrizio S.,	Carotenoid and flavonoid profile and antioxidant activity in "Pomodoro Vesuviano" tomatoes	2016	Journal of Food Composition and Analysis	53		61	68
150	Ammendola S., D'Amico Y., Chirullo B., Drumo R., Civardelli D., Pasquali P., Battistoni A.,	Zinc is required to ensure the expression of flagella and the ability to form biofilms in: Salmonella enterica sv Typhimurium	2016	Metallomics	8	10	1131	1140
151	Butturini E., Gotte G., Dell'Orco D., Chiavegato G., Marino V., Canetti D., Cozzolino F., Monti M., Pucci P., Mariotto S.,	Intermolecular disulfide bond influences unphosphorylated STAT3 dimerization and function	2016	Biochemical Journal	473	19	3205	3219
152	Petruk G., Raiola A., Del Giudice R., Barone A., Frusciante L., Rigano M.M., Monti D.M.,	An ascorbic acid-enriched tomato genotype to fight UVA-induced oxidative stress in normal human keratinocytes	2016	Journal of Photochemistry and Photobiology B: Biology	163		284	289

153	Palchetti I.,	New trends in the design of enzyme-based biosensors for medical applications	2016	Mini-Reviews in Medicinal Chemistry	16	14	1125	1133
154	Arena P., Calí M., Patané L., Portera A., Strauss R.,	A Fly-Inspired Mushroom Bodies Model for Sensory-Motor Control Through Sequence and Subsequence Learning	2016	International Journal of Neural Systems	26		6	1650035
155	Kornblatt A.P., Nicoletti V.G., Travaglia A.,	The neglected role of copper ions in wound healing	2016	Journal of Inorganic Biochemistry	161		1	8
156	Beraudi A., Bianconi E., Catalani S., Canaider S., De Pasquale D., Apostoli P., Bordini B., Stea S., Toni A., Facchin F.,	In vivo response of heme-oxygenase-1 to metal ions released from metal-on-metal hip prostheses	2016	Molecular Medicine Reports	14	1	474	480
157	Serra F., Romualdi C., Fogolari F.,	Similarity Measures Based on the Overlap of Ranked Genes Are Effective for Comparison and Classification of Microarray Data	2016	Journal of Computational Biology	23	7	603	614
158	Pani G., Dessì A., Dallochio R., Scherm B., Azara E., Delogu G., Migheli Q.M.,	Natural phenolic inhibitors of trichothecene biosynthesis by the wheat fungal pathogen fusarium culmorum: A computational insight into the structure-activity relationship	2016	PLoS ONE	11		6	e0157316
159	Manghi M., Bruni L., Croci S.,	MDI: integrity index of cytoskeletal fibers observed by AFM	2016	European Physical Journal Plus	131		6	213
160	Micucci M., Angeletti A., Cont M., Corazza I., Aldini R., Donadio E., Chiarini A., Budriesi R.,	Hibiscus Sabdariffa L. Flowers and Olea Europea L. Leaves Extract-Based Formulation for Hypertension Care: In Vitro Efficacy and Toxicological Profile	2016	Journal of Medicinal Food	19	5	504	512
161	Di Masi A., Trezza V., Leboffe L., Ascenzi P.,	Human plasma lipocalins and serum albumin: Plasma alternative carriers?	2016	Journal of Controlled Release	228		191	205
162	Vecchione G., Grasselli E., Compalati A.D., Ragazzoni M., Cortese K., Gallo G., Voci A., Vergani L.,	Ethanol and fatty acids impair lipid homeostasis in an in vitro model of hepatic steatosis	2016	Food and Chemical Toxicology	90		84	94

163	Rusciano G., Pesce G., Zito G., Sasso A., Gaglione R., Del Giudice R., Piccoli R., Monti D.M., Arciello A.,	Insights into the interaction of the N-terminal amyloidogenic polypeptide of ApoA-I with model cellular membranes	2016	Biochimica et Biophysica Acta - General Subjects	1860	4	795	801
164	Scarano S., Mariani S., Minunni M.,	Label free Affinity sensing: Application to food analysis	2016	Acta IMEKO	5	1	36	44
165	Comelli M., Domenis R., Buso A., Mavelli I.,	F1FO ATP Synthase Is Expressed at the Surface of Embryonic Rat Heart-Derived H9c2 Cells and Is Affected by Cardiac-Like Differentiation	2016	Journal of Cellular Biochemistry	117	2	470	482
166	Reina S., Guarino F., Magrì A., De Pinto V.,	VDAC3 as a potential marker of mitochondrial status is involved in cancer and pathology	2016	Frontiers in Oncology	6	DEC		264
167	Arienzo A., Losito F., Stalio O., Antonini G.,	Comparison of uncertainty between traditional and alternative methods for food microbiological analysis	2016	American Journal of Food Technology	11	01-feb	29	36
168	Facchin F., Catalani S., Bianconi E., De Pasquale D., Stea S., Toni A., Canaider S., Beraudi A.,	Albumin as marker for susceptibility to metal ions in metal-on-metal hip prosthesis patients	2016	Human and Experimental Toxicology	36		1	9
169	Cevenini L., Calabretta M.M., Tarantino G., Michelini E., Roda A.,	Smartphone-interfaced 3D printed toxicity biosensor integrating bioluminescent sentinel cell	2016	Sensors and Actuators, B: Chemical	225		249	257
170	Franconi F., Rosano G., Basili S., Montella A., Campesi I.,	Human cells involved in atherosclerosis have a sex	2017	International Journal of Cardiology	228		983	1001
171	Comeglio P., Filippi S., Sarchielli E., Morelli A., Cellai I., Corcetto F., Corno C., Maneschi E., Pini A., Adorini L., Vannelli G.B., Maggi M., Vignozzi L.,	Anti-fibrotic effects of chronic treatment with the selective FXR agonist obeticholic acid in the bleomycin-induced rat model of pulmonary fibrosis	2017	Journal of Steroid Biochemistry and Molecular Biology	168		26	37
172	Cinti S., Arduini F.,	Graphene-based screen-printed electrochemical (bio)sensors and their applications: Efforts and criticisms	2017	Biosensors and Bioelectronics	89		107	122

173	Pisani F., Simone L., Gargano C.D., De Bellis M., Cibelli A., Mola M.G., Catacchio G., Frigeri A., Svelto M., Nicchia G.P.,	Role of the H-bond between L53 and T56 for Aquaporin-4 epitope in Neuromyelitis Optica	2017	Biochimica et Biophysica Acta - Biomembranes	1859	3	368	376
174	Picardi E., D'Erchia A.M., Giudice C.L., Pesole G.,	REDportal: A comprehensive database of A-to-I RNA editing events in humans	2017	Nucleic Acids Research	45	D1	D750	D757
175	Sarchielli E., Comeglio P., Squecco R., Ballerini L., Mello T., Guarnieri G., Idrizaj E., Mazzanti B., Vignozzi L., Gallina P., Maggi M., Vannelli G.B., Morelli A.,	Tumor necrosis factor- $\alpha$ impairs kisspeptin signaling in human gonadotropin-releasing hormone primary neurons	2017	Journal of Clinical Endocrinology and Metabolism	102	1	46	56
176	Amidani D., Tramonti A., Canosa A.V., Campanini B., Maggi S., Milano T., di Salvo M.L., Pascarella S., Contestabile R., Bettati S., Rivetti C.,	Study of DNA binding and bending by Bacillus subtilis GabR, a PLP-dependent transcription factor	2017	Biochimica et Biophysica Acta - General Subjects	1861	1	3474	3489
177	Calabria D., Caliceti C., Zangheri M., Mirasoli M., Simoni P., Roda A.,	Smartphone-based enzymatic biosensor for oral fluid L-lactate detection in one minute using confined multilayer paper reflectometry	2017	Biosensors and Bioelectronics	94		124	130
178	Benoni R., De Bei O., Paredi G., Hayes C.S., Franko N., Mozzarelli A., Bettati S., Campanini B.,	Modulation of Escherichia coli serine acetyltransferase catalytic activity in the cysteine synthase complex	2017	FEBS Letters	591	9	1212	1224
179	Santangeli S., Maradonna F., Olivotto I., Piccinetti C.C., Gioacchini G., Carnevali O.,	Effects of BPA on female reproductive function: The involvement of epigenetic mechanism	2017	General and Comparative Endocrinology	245		122	126
180	Caliceti C., Calabria D., Roda A., Cicero A.F.G.,	Fructose intake, serum uric acid, and cardiometabolic disorders: A critical review	2017	Nutrients	9		4	395
181	Gaglione R., Dell'Olmo E., Bosso A., Chino M., Pane K., Ascione F., Itri F., Caserta S., Amoresano A., Lombardi A., Haagsman H.P., Piccoli R., Pizzo E., Veldhuizen E.J.A., Notomista E., Arciello A.,	Novel human bioactive peptides identified in Apolipoprotein B: Evaluation of their therapeutic potential	2017	Biochemical Pharmacology	130		34	50

182	Naponelli V., Ramazzina I., Lenzi C., Bettuzzi S., Rizzi F.,	Green tea catechins for prostate cancer prevention: Present achievements and future challenges	2017	Antioxidants	6	2		26
183	Garcia-Irigoyen O., Moschetta A.,	A Novel Protective Role for FXR against Inflammation Activation and Endotoxemia	2017	Cell Metabolism	25	4	763	764
184	Carnevali O., Notarstefano V., Olivotto I., Graziano M., Gallo P., Di Marco Pisciotto I., Vaccari L., Mandich A., Giorgini E., Maradonna F.,	Dietary administration of EDC mixtures: A focus on fish lipid metabolism	2017	Aquatic Toxicology	185		95	104
185	Cardamone F., Pizzi S., Iacovelli F., Falconi M., Desideri A.,	Virtual screening for the development of dual-inhibitors targeting topoisomerase IB and tyrosyl-DNA phosphodiesterase 1	2017	Current Drug Targets	18	5	544	555
186	Arduini F., Cinti S., Scognamiglio V., Moscone D., Palleschi G.,	How cutting-edge technologies impact the design of electrochemical (bio)sensors for environmental analysis. A review	2017	Analytica Chimica Acta	959		15	
187	Cantarutti C., Raimondi S., Brancolini G., Corazza A., Giorgetti S., Ballico M., Zanini S., Palmisano G., Bertoncin P., Marchese L., Patrizia Mangione P., Bellotti V., Corni S., Fogolari F., Esposito G.,	Citrate-stabilized gold nanoparticles hinder fibrillogenesis of a pathological variant of $\beta$ 2-microglobulin	2017	Nanoscale	9	11	3941	3951
188	Arena E., Arena P., Strauss R., Patané L.,	Motor-skill learning in an insect inspired neuro-computational control system	2017	Frontiers in Neurobotics	11	MAR		
189	Gadaleta R.M., Garcia-Irigoyen O., Moschetta A.,	Exploration of Inflammatory Bowel Disease in Mice: Chemically Induced Murine Models of Inflammatory Bowel Disease (IBD)	2017	Current protocols in mouse biology	7	1	13	28
190	Sargenti A., Farruggia G., Zaccheroni N., Marraccini C., Sgarzi M., Cappadone C., Malucelli E., Procopio A., Prodi L., Lombardo M., Iotti S.,	Synthesis of a highly Mg <sup>2+</sup> -selective fluorescent probe and its application to quantifying and imaging total intracellular magnesium	2017	Nature Protocols	12	3	461	471

191	Maffei M., Longa E., Sabatini A., Vacca A., Iotti S.,	Actomyosin interaction at low ATP concentrations	2017	European Biophysics Journal	46	2	195	202
192	Baselga-Escudero L., Souza-Mello V., Pascual-Serrano A., Rachid T., Voci A., Demori I., Grasselli E.,	Beneficial effects of the Mediterranean spices and aromas on non-alcoholic fatty liver disease	2017	Trends in Food Science and Technology	61		141	159
193	Cevenini L., Calabretta M.M., Lopreside A., Branchini B.R., Southworth T.L., Michelini E., Roda A.,	Bioluminescence Imaging of Spheroids for High-throughput Longitudinal Studies on 3D Cell Culture Models	2017	Photochemistry and Photobiology	93	2	531	535
194	Picco G., Petti C., Centonze A., Torchiario E., Crisafulli G., Novara L., Acquaviva A., Bardelli A., Medico E.,	Loss of AXIN1 drives acquired resistance to WNT pathway blockade in colorectal cancer cells carrying RSPO3 fusions	2017	EMBO Molecular Medicine	9	3	293	303
195	Knirsch M.C., Dell'Anno F., Salerno M., Larosa C., Polakiewicz B., Eggenhöfner R., Converti A.,	Combined characterization of bovine polyhemoglobin microcapsules by UV-Vis absorption spectroscopy and cyclic voltammetry	2017	Bioprocess and Biosystems Engineering	40	3	431	438
196	Verona M.D., Verdolino V., Palazzesi F., Corradini R.,	Focus on PNA Flexibility and RNA Binding using Molecular Dynamics and Metadynamics	2017	Scientific Reports	7	42799		
197	Bisi A., Cappadone C., Rampa A., Farruggia G., Sargenti A., Belluti F., Di Martino R.M.C., Malucelli E., Meluzzi A., Iotti S., Gobbi S.,	Coumarin derivatives as potential antitumor agents: Growth inhibition, apoptosis induction and multidrug resistance reverting activity	2017	European Journal of Medicinal Chemistry	127		577	585
198	Campesi I., Marino M., Montella A., Pais S., Franconi F.,	Sex Differences in Estrogen Receptor $\alpha$ and $\beta$ Levels and Activation Status in LPS-Stimulated Human Macrophages	2017	Journal of Cellular Physiology	232	2	340	345
199	Banelli T., Vuano M., Fogolari F., Fusiello A., Esposito G., Corazza A.,	Automation of peak-tracking analysis of stepwise perturbed NMR spectra	2017	Journal of Biomolecular NMR	67	2	121	134
200	Gadaleta R.M., Garcia-Irigoyen O., Moschetta A.,	Bile acids and colon cancer: Is FXR the solution of the conundrum?	2017	Molecular Aspects of Medicine				

201	Mucignat C., Caretta A.,	Drug-induced Parkinson's disease modulates protein kinase A and Olfactory Marker Protein in the mouse olfactory bulb	2017	Behavioral and Brain Functions	13		1	1	
202	Errico S., Nicolucci C., Migliaccio M., Micale V., Mita D.G., Diano N.,	Analysis and occurrence of some phenol endocrine disruptors in two marine sites of the northern coast of Sicily (Italy)	2017	Marine Pollution Bulletin					
203	Cazzaniga A., Moscheni C., Trapani V., Wolf F.I., Farruggia G., Sargenti A., Iotti S., Maier J.A.M., Castiglioni S.,	The different expression of TRPM7 and MagT1 impacts on the proliferation of colon carcinoma cells sensitive or resistant to doxorubicin	2017	Scientific Reports	7	40538			
204	Rastrelli G., Maggi M.,	Erectile dysfunction in fit and healthy young men: Psychological or pathological?	2017	Translational Andrology and Urology	6		1	79	
205	Monti P., Calia G., Marceddu S., Dettori M.A., Fabbri D., Jaoua S., O'Neill R.D., Migheli Q., Delogu G., Serra P.A.,	Low electro-synthesis potentials improve permselectivity of polymerized natural phenols in biosensor applications	2017	Talanta	162			157	
206	Locatelli M., Cifelli R., Vitalei S., Santini P., de Luca E., Bellagamba G., Celia C., Carradori S., Marzio L.D., Mollica A.,	Method validation and hyphenated techniques: Recent trends and future perspectives	2017	Analytical Chemistry: Developments, Applications and Challenges in Food Analysis			1		
207	Itri F., Monti D.M., Chino M., Vinciguerra R., Altucci C., Lombardi A., Piccoli R., Birolo L., Arciello A.,	Identification of novel direct protein-protein interactions by irradiating living cells with femtosecond UV laser pulses	2017	Biochemical and Biophysical Research Communications	492		1	67	73
208	Gaglione R., Pirone L., Farina B., Fusco S., Smaldone G., Aulitto M., Dell'Olmo E., Roscetto E., Del Gatto A., Fattorusso R., Notomista E., Zaccaro L., Arciello A., Pedone E., Contursi P.,	Insights into the anticancer properties of the first antimicrobial peptide from Archaea	2017	Biochimica et Biophysica Acta - General Subjects	1861			2155	2164



209	Del Giudice R., Domingo-Espín J., Iacobucci I., Nilsson O., Monti M., Monti D.M., Lagerstedt J.O.,	Structural determinants in ApoA-I amyloidogenic variants explain improved cholesterol metabolism despite low HDL levels	2017	Biochimica et Biophysica Acta - Molecular Basis of Disease	1863		3038	3048
210	Petruk G., Di Lorenzo F., Imbimbo P., Silipo A., Bonina A., Rizza L., Piccoli R., Monti D.M., Lanzetta R.,	Protective effect of Opuntia ficus-indica L. cladodes against UVA-induced oxidative stress in normal human keratinocytes	2017	Bioorganic and Medicinal Chemistry Letters	27		5485	5489
211	Zennaro L., Vanzani P., Nicolè L., Cappellesso R., Fassina A.,	Metabonomics by proton nuclear magnetic resonance in human pleural effusions: A route to discriminate between benign and malignant pleural effusions and to target small molecules as potential cancer biomarkers	2017	Cancer Cytopathology	125		341	348
212	Centrone M., Ranieri M., Di Mise A., Berlingiero S.P., Russo A., Deen P.M.T., Staub O., Valenti G., Tamma G.,	AQP2 Abundance is Regulated by the E3-Ligase CHIP Via HSP70	2017	Cellular Physiology and Biochemistry	44		515	531
213	Roda A., Aldini R., Camborata C., Spinozzi S., Franco P., Cont M., D'Errico A., Vasuri F., Degiovanni A., Maroni L., Adorini L.,	Metabolic Profile of Obeticholic Acid and Endogenous Bile Acids in Rats with Decompensated Liver Cirrhosis	2017	Clinical and Translational Science	10		292	301
214	Arduini F., Cinti S., Scognamiglio V., Moscone D.,	Paper-Based Electrochemical Devices in Biomedical Field: Recent Advances and Perspectives	2017	Comprehensive Analytical Chemistry	77		237	286
215	Agabio R., Pisanu C., Gessa G.L., Franconi F.,	Sex differences in alcohol use disorder	2017	Current Medicinal Chemistry	24		2661	2670
216	Raparelli V., Morano S., Franconi F., Lenzi A., Basili S.,	Sex differences in type-2 diabetes: Implications for cardiovascular risk management	2017	Current Pharmaceutical Design	23		1471	1476
217	Forner-Piquer I., Maradonna F., Gioacchini G., Santangeli S., Allara M., Piscitelli F., Habibi H.R., Di Marzo V., Carnevali O.,	Dose-specific effects of di-isononyl phthalate on the endocannabinoid system and on liver of female zebrafish	2017	Endocrinology	158		3462	3476

218	Pennisi R., Antoccia A., Leone S., Ascenzi P., di Masi A.,	Hsp90 $\alpha$ regulates ATM and NBN functions in sensing and repair of DNA double-strand breaks	2017	FEBS Journal	284		2378	2395
219	Visentin C., Pellistri F., Natalello A., Vertemara J., Bonanomi M., Gatta E., Penco A., Relini A., De Gioia L., Airoidi C., Regonesi M.E., Tortora P.,	Epigallocatechin-3-gallate and related phenol compounds redirect the amyloidogenic aggregation pathway of ataxin-3 towards non-toxic aggregates and prevent toxicity in neural cells and <i>Caenorhabditis elegans</i> animal model	2017	Human Molecular Genetics	26		3271	3284
220	Simone L., Gargano C.D., Pisani F., Cibelli A., Mola M.G., Frigeri A., Svelto M., Nicchia G.P.,	Aquaporin-1 inhibition reduces metastatic formation in a mouse model of melanoma	2017	Insect Science				
221	Pes G.M., Cocco F., Bibbò S., Marras G., Dore M.P.,	Cancer time trend in a population following a socio-economic transition: results of age-period-cohort analysis	2017	International Journal of Public Health	62		407	414
222	Kulikova V.V., Morozova E.A., Revtovich S.V., Kotlov M.I., Anufrieva N.V., Bazhulina N.P., Raboni S., Faggiano S., Gabellieri E., Cioni P., Belyi Y.F., Mozzarelli A., Demidkina T.V.,	Gene cloning, characterization, and cytotoxic activity of methionine $\gamma$ -lyase from <i>Clostridium novyi</i>	2017	IUBMB Life	69		668	676
223	Comelli M., Pretis I., Buso A., Mavelli I.,	Mitochondrial energy metabolism and signalling in human glioblastoma cell lines with different PTEN gene status	2017	Journal of Bioenergetics and Biomembranes			1	20
224	Fortini F., Dalla Sega F.V., Caliceti C., Aquila G., Pannella M., Pannuti A., Miele L., Ferrari R., Rizzo P., Gottesfeld J.,	Estrogen receptor $\beta$ -dependent Notch1 activation protects vascular endothelium against tumor necrosis factor $\alpha$ (TNF $\alpha$ )-induced apoptosis	2017	Journal of Biological Chemistry	292		18178	18191
225	Cardamone F., Iacovelli F., Chillemi G., Falconi M., Desideri A.,	A molecular dynamics simulation study decodes the early stage of the disassembly process abolishing the human SAMHD1 function	2017	Journal of Computer-Aided Molecular Design	31		497	505

226	Russo G., Barbato F., Cardone E., Fattore M., Albrizio S., Grumetto L.,	Bisphenol A and Bisphenol S release in milk under household conditions from baby bottles marketed in Italy	2017	Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes			1	5
227	Aschi M., Bozzi A., Luzi C., Bouchemal N., Sette M.,	Crabrolin, a natural antimicrobial peptide: structural properties	2017	Journal of Peptide Science	23		693	700
228	Petruk G., Illiano A., Del Giudice R., Raiola A., Amoresano A., Rigano M.M., Piccoli R., Monti D.M.,	Malvidin and cyanidin derivatives from açai fruit (Euterpe oleracea Mart.) counteract UV-A-induced oxidative stress in immortalized fibroblasts	2017	Journal of Photochemistry and Photobiology B: Biology	172		42	51
229	Losito F., Arienzo A., Somma D., Murgia L., Stalio O., Zuppi P., Rossi E., Antonini G.,	Field application of the micro biological survey method for the assessment of the microbiological safety of different water sources in horn of africa and the evaluation of the effectiveness of moringa oleifera in drinking water purification	2017	Journal of Public Health in Africa	8	679	23	29
230	Maseroli E., Scavello I., Cipriani S., Palma M., Fambrini M., Corona G., Mannucci E., Maggi M., Vignozzi L.,	Psychobiological Correlates of Vaginismus: An Exploratory Analysis	2017	Journal of Sexual Medicine	14		1392	1402
231	Capo C.R., Pedersen J.Z., Falconi M., Rossi L.,	Oleuropein shows copper complexing properties and noxious effect on cultured SH-SY5Y neuroblastoma cells depending on cell copper content	2017	Journal of Trace Elements in Medicine and Biology	44		225	232
232	Fiori F., Girardin E., Giuliani A., Manescu A., Mazzoni S., Rustichelli F., Amler E.,	Advanced synchrotron radiation and neutron scattering techniques for microstructural characterization in industrial research	2017	Key Engineering Materials	750 KEM		53	66

233	Fiori F., Girardin E., Komlev V.S., Manescu A., Rustichelli F.,	Advanced microstructural characterizations of some biomaterials and scaffolds for regenerative orthopaedics	2017	Key Engineering Materials	745		3	15
234	Dongmo Fomthuum C.J., Corazza A., Esposito G., Fogolari F.,	Molecular dynamics simulations of $\beta$ 2-microglobulin interaction with hydrophobic surfaces	2017	Molecular BioSystems	13		2625	2637
235	Cicero A.F.G., Caliceti C., Fogacci F., Giovannini M., Calabria D., Colletti A., Veronesi M., Roda A., Borghi C.,	Effect of apple polyphenols on vascular oxidative stress and endothelium function: a translational study	2017	Molecular Nutrition and Food Research	61			
236	Spanu F., Scherm B., Camboni I., Balmas V., Pani G., Oufensou S., Macciotta N., Pasquali M., Migheli Q.,	FcRav2, a gene with a ROGDI domain involved in Fusarium head blight and crown rot on durum wheat caused by Fusarium culmorum	2017	Molecular Plant Pathology				
237	D'Agata R., Giuffrida M.C., Spoto G.,	Peptide Nucleic Acid-Based Biosensors for Cancer Diagnosis	2017	Molecules	22			1951
238	Isella C., Brundu F., Bellomo S.E., Galimi F., Zanella E., Porporato R., Petti C., Fiori A., Orzan F., Senetta R., Boccaccio C., Ficarra E., Marchionni L., Trusolino L., Medico E., Bertotti A.,	Selective analysis of cancer-cell intrinsic transcriptional traits defines novel clinically relevant subtypes of colorectal cancer	2017	Nature Communications	8	15107		
239	Forte G., Bocca B., Oggiano R., Clemente S., Asara Y., Sotgiu M.A., Farace C., Montella A., Fois A.G., Malaguarnera M., Pirina P., Madeddu R.,	Essential trace elements in amyotrophic lateral sclerosis (ALS): Results in a population of a risk area of Italy	2017	Neurological Sciences	38		1609	1615
240	Ronda L., Marchetti M., Piano R., Liuzzi A., Corsini R., Percudani R., Bettati S.,	A Trivalent Enzymatic System for Uricolytic Therapy of HPRT Deficiency and Lesch-Nyhan Disease	2017	Pharmaceutical Research	34		1477	1490
241	Traversetti L., Losito F., Arienzo A., Stalio O., Antonini G., Scalici M.,	Integrating running water monitoring tools with the Micro Biological Survey (MBS) method to improve water quality assessment	2017	PLoS ONE	12	e0185156		

242	Fontanarosa C., Pane F., Sepe N., Pinto G., Trifuoggi M., Squillace M., Errico F., Usiello A., Pucci P., Amoresano A.,	Quantitative determination of free D-Asp, LAsp and N-methyl-D-aspartate in mouse brain tissues by chiral separation and Multiple Reaction Monitoring tandem mass spectrometry	2017	PLoS ONE	12	e0179748		
243	La Barbera G., Capriotti A.L., Michelini E., Piovesana S., Calabretta M.M., Zenezini Chiozzi R., Roda A., Laganà A.,	Proteomic analysis and bioluminescent reporter gene assays to investigate effects of simulated microgravity on Caco-2 cells	2017	Proteomics	17		15	16
244	Canessa S., Maggesi M., Salvidio S., Grasselli E.,	Validation and cost-effectiveness of an alternative method to quantify <i>Batrachochytrium dendrobatidis</i> infection in amphibian samples using real-time PCR	2017	Rendiconti Lincei	28		687	696
245	D'Erchia A.M., Gallo A., Manzari C., Raho S., Horner D.S., Chiara M., Valletti A., Aiello I., Mastropasqua F., Ciaccia L., Locatelli F., Pisani F., Nicchia G.P., Svelto M., Pesole G., Picardi E.,	Massive transcriptome sequencing of human spinal cord tissues provides new insights into motor neuron degeneration in ALS	2017	Scientific Reports	7			
246	Falanga A., Valiante S., Galdiero E., Franci G., Scudiero O., Morelli G., Galdiero S.,	Dimerization in tailoring uptake efficacy of the HSV-1 derived membranotropic peptide gH625	2017	Scientific Reports	7			
247	Benoni R., Beck C.M., Garza-Sánchez F., Bettati S., Mozzarelli A., Hayes C.S., Campanini B.,	Activation of an anti-bacterial toxin by the biosynthetic enzyme CysK: Mechanism of binding, interaction specificity and competition with cysteine synthase	2017	Scientific Reports	7			
248	Cariello M., Peres C., Zerlotin R., Porru E., Sabbà C., Roda A., Moschetta A.,	Long-term Administration of Nuclear Bile Acid Receptor FXR Agonist Prevents Spontaneous Hepatocarcinogenesis in <i>Abcb4</i> <sup>-/-</sup> Mice	2017	Scientific Reports	7			

249	Raimondi S., Porcari R., Mangione P.P., Verona G., Marcoux J., Giorgetti S., Taylor G.W., Ellmerich S., Ballico M., Zanini S., Pardon E., Al-Shawi R., Simons J.P., Corazza A., Fogolari F., Leri M., Stefani M., Bucciantini M., Gillmore J.D., Hawkins P.N., Valli M., Stoppini M., Robinson C.V., Steyaert J., Esposito G., Bellotti V.,	A specific nanobody prevents amyloidogenesis of D76N $\beta$ 2-microglobulin in vitro and modifies its tissue distribution in vivo	2017	Scientific Reports	7			
250	Cevenini L., Lopreside A., Calabretta M.M., D'Elia M., Simoni P., Michelini E., Roda A.,	A novel bioluminescent NanoLuc yeast-estrogen screen biosensor (nanoYES) with a compact wireless camera for effect-based detection of endocrine-disrupting chemicals	2018	Analytical and Bioanalytical Chemistry	410	4	1237	1246
251	Malucelli E., Procopio A., Fratini M., Gianoncelli A., Notargiacomo A., Merolle L., Sargenti A., Castiglioni S., Cappadone C., Farruggia G., Lombardo M., Lagomarsino S., Maier J.A., Iotti S.,	Single cell versus large population analysis: cell variability in elemental intracellular concentration and distribution	2018	Analytical and Bioanalytical Chemistry	410	2	337	348
252	Roda A., Michelini E., Caliceti C., Guardigli M., Mirasoli M., Simoni P.,	Advanced bioanalytics for precision medicine	2018	Analytical and Bioanalytical Chemistry	410	3	669	677
253	Gaglione R., Smaldone G., Di Girolamo R., Piccoli R., Pedone E., Arciello A.,	Cell milieu significantly affects the fate of AApoAI amyloidogenic variants: predestination or serendipity?	2018	Biochimica et Biophysica Acta - General Subjects	1862		377	384
254	Di Lorenzo M., Forte M., Valiante S., Laforgia V., De Falco M.,	Interference of dibutylphthalate on human prostate cell viability	2018	Ecotoxicology and Environmental Safety	147		565	573
255	Bocca B., Forte G., Giuffra V., Serra R.M., Asara Y., Farace C., Milanese M., Tognotti E., Montella A., Bandiera P., Madeddu R.,	Metals in bones of the middle-aged inhabitants of Sardinia island (Italy) to assess nutrition and environmental exposure	2018	Environmental Science and Pollution Research			1	11

256	Porzio E., de Maio A., Ricciardi T., Mistretta C., Manco G., Faraone-Mennella M.R.,	Comparison of the DING protein from the archaeon Sulfolobus solfataricus with human phosphate-binding protein and Pseudomonas fluorescence DING counterparts	2018	Extremophiles			1	12
257	Piccinin E., Peres C., Bellafante E., Ducheix S., Pinto C., Villani G., Moschetta A.,	Hepatic peroxisome proliferator-activated receptor $\gamma$ coactivator 1 $\beta$ drives mitochondrial and anabolic signatures that contribute to hepatocellular carcinoma progression in mice	2018	Hepatology				
258	Marchetti M., Ronda L., Faggiano S., Liuzzi A., Percudani R., Bettati S.,	Fluorescence quantification of allantoin in biological samples by cap-immobilized allantoinase/resorcinol assay	2018	Sensors and Actuators, B: Chemical			2820	2828
259	Cinti S., Fiore L., Massoud R., Cortese C., Moscone D., Palleschi G., Arduini F.,	Low-cost and reagent-free paper-based device to detect chloride ions in serum and sweat	2018	Talanta	179		186	192
260	Porru E., Franco P., Calabria D., Spinozzi S., Roberti M., Caliceti C., Roda A.,	Combined analytical approaches to define biodistribution and biological activity of semi-synthetic berberrubine, the active metabolite of natural berberine	2018	Analytical and Bioanalytical Chemistry	410	15	3533	3545
261	Pizzo E., Pane K., Bosso A., Landi N., Ragucci S., Russo R., Gaglione R., Torres M.D.T., de la Fuente Nunez C., Arciello A., Di Donato A., Notomista E., Di Maro A.,	Novel bioactive peptides from PD-L1/2, a type 1 ribosome inactivating protein from Phytolacca dioica L. Evaluation of their antimicrobial properties and anti-biofilm activities	2018	Biochimica et Biophysica Acta - Biomembranes	1860	7	1425	1435
262	Cariello M., Piccinin E., Garcia-Irigoyen O., Sabbà C., Moschetta A.,	Nuclear receptor FXR, bile acids and liver damage: Introducing the progressive familial intrahepatic cholestasis with FXR mutations	2018	Biochimica et Biophysica Acta - Molecular Basis of Disease	1864	4	1308	1318

263	Dongmo Fomthuum C.J., Corazza A., Berni R., Esposito G., Fogolari F.,	Dynamics and Thermodynamics of Transthyretin Association from Molecular Dynamics Simulations	2018	BioMed Research International	2018	7480749		
264	Del Giudice R., Pesce A., Cozzolino F., Monti M., Relini A., Piccoli R., Arciello A., Monti D.M.,	Effects of iron on the aggregation propensity of the N-terminal fibrillogenic polypeptide of human apolipoprotein A-I	2018	BioMetals	1	9		
265	Cavallini C., Zannini C., Olivi E., Tassinari R., Taglioli V., Rossi M., Poggi P., Chatgililoglu A., Simonazzi G., Alviano F., Bonsi L., Ventura C.,	Restoring In Vivo-Like Membrane Lipidomics Promotes Exosome Trophic Behavior from Human Placental Mesenchymal Stromal/Stem Cells	2018	Cell Transplantation	27	1	55	69
266	Bocchi L., Savi M., Naponelli V., Vilella R., Sgarbi G., Baracca A., Solaini G., Bettuzzi S., Rizzi F., Stilli D.,	Long-Term Oral Administration of Theophenon-E Improves Cardiomyocyte Mechanics and Calcium Dynamics by Affecting Phospholamban Phosphorylation and ATP Production	2018	Cellular Physiology and Biochemistry	1243			
267	Cantarutti C., Raj G., Fogolari F., Giorgetti S., Corazza A., Bellotti V., Naumov P., Esposito G.,	Interference of citrate-stabilized gold nanoparticles with $\beta$ 2-microglobulin oligomeric association	2018	Chemical Communications	54	43	5422	5425
268	Russo G., Capuozzo A., Barbato F., Irace C., Santamaria R., Grumetto L.,	Cytotoxicity of seven bisphenol analogues compared to bisphenol A and relationships with membrane affinity data	2018	Chemosphere	201		432	440
269	Oggiano R., Solinas G., Forte G., Bocca B., Farace C., Pisano A., Sotgiu M.A., Clemente S., Malaguarnera M., Fois A.G., Pirina P., Montella A., Madeddu R.,	Trace elements in ALS patients and their relationships with clinical severity	2018	Chemosphere	197		457	466
270	Rastrelli G., Corona G., Cipriani S., Mannucci E., Maggi M.,	Sex hormone-binding globulin is associated with androgen deficiency features independently of total testosterone	2018	Clinical Endocrinology	88	4	556	564



271	Hosu O., Selvolini G., Marrazza G.,	Recent advances of immunosensors for detecting food allergens	2018	Current Opinion in Electrochemistry				
272	Rastrelli G., Maggi M., Corona G.,	Pharmacological management of late-onset hypogonadism	2018	Expert Review of Clinical Pharmacology	11	4	439	458
273	Ranieri M., Zahedi K., Tamma G., Centrone M., Di Mise A., Soleimani M., Valenti G.,	CaSR signaling down-regulates AQP2 expression via a novel microRNA pathway in pendrin and NaCl cotransporter knockout mice	2018	FASEB Journal	32	4	1	12
274	Carnevali O., Santangeli S., Forner-Piquer I., Basili D., Maradonna F.,	Endocrine-disrupting chemicals in aquatic environment: what are the risks for fish gametes?	2018	Fish Physiology and Biochemistry		16		
275	Alomari E., Ronda L., Bruno S., Paredi G., Marchetti M., Bettati S., Olivari D., Fumagalli F., Novelli D., Ristagno G., Latini R., Cooper C.E., Reeder B.J., Mozzarelli A.,	High- and low-affinity PEGylated hemoglobin-based oxygen carriers: Differential oxidative stress in a Guinea pig transfusion model	2018	Free Radical Biology and Medicine	124		299	310
276	Firrao G., Torelli E., Polano C., Ferrante P., Ferrini F., Martini M., Marcelletti S., Scortichini M., Ermacora P.,	Genomic structural variations affecting virulence during clonal expansion of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> biovar 3 in Europe	2018	Frontiers in Microbiology	9	APR	656	
277	Fogolari F., Corazza A., Esposito G.,	Free energy, enthalpy and entropy from implicit solvent end-point simulations	2018	Frontiers in Molecular Biosciences	5	FEB	11	
278	Farbo M.G., Urgeghe P.P., Fiori S., Marcello A., Oggiano S., Balmas V., Hassan Z.U., Jaoua S., Migheli Q.,	Effect of yeast volatile organic compounds on ochratoxin A-producing <i>Aspergillus carbonarius</i> and <i>A. ochraceus</i>	2018	International Journal of Food Microbiology	284		1	10
279	Sargenti A., Castiglioni S., Olivi E., Bianchi F., Cazzaniga A., Farruggia G., Cappadone C., Merolle L., Malucelli E., Ventura C., Maier J.A.M., Iotti S.,	Magnesium deprivation potentiates human mesenchymal stem cell transcriptional remodeling	2018	International Journal of Molecular Sciences	19	5	1410	
280	Comelli M., Pretis I., Buso A., Mavelli I.,	Mitochondrial energy metabolism and signalling in human glioblastoma cell lines with different PTEN gene status	2018	Journal of Bioenergetics and Biomembranes	50	1	33	52

281	Simone L., Gargano C.D., Pisani F., Cibelli A., Mola M.G., Frigeri A., Svelto M., Nicchia G.P.,	Aquaporin-1 inhibition reduces metastatic formation in a mouse model of melanoma	2018	Journal of Cellular and Molecular Medicine	22	2	904	912
282	Cardamone F., Falconi M., Desideri A.,	Molecular dynamics characterization of the SAMHD1 Aicardi-Goutières Arg145Gln mutant: structural determinants for the impaired tetramerization	2018	Journal of Computer-Aided Molecular Design	32	5	623	632
283	Comeglio P., Filippi S., Sarchielli E., Morelli A., Cellai I., Corno C., Pini A., Adorini L., Vannelli G.B., Maggi M., Vignozzi L.,	Therapeutic effects of obeticholic acid (OCA) treatment in a bleomycin-induced pulmonary fibrosis rat model	2018	Journal of Endocrinological Investigation		12		
284	Comeglio P., Cellai I., Mello T., Filippi S., Maneschi E., Corcetto F., Corno C., Sarchielli E., Morelli A., Rapizzi E., Bani D., Guasti D., Vannelli G.B., Galli A., Adorini L., Maggi M., Vignozzi L.,	INT-767 prevents NASH and promotes visceral fat brown adipogenesis and mitochondrial function	2018	Journal of Endocrinology	238	2	107	127
285	Russo G., Barbato F., Cardone E., Fattore M., Albrizio S., Grumetto L.,	Bisphenol A and Bisphenol S release in milk under household conditions from baby bottles marketed in Italy	2018	Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes	53	2	116	120
286	Violi B., Gaither M.R., Burns F., Rus Hoelzel A., Neat F.,	Assessing ecological and molecular divergence between the closely related species <i>Hydrolagus pallidus</i> and <i>H. affinis</i> (Chimaeridae)	2018	Journal of Fish Biology	92	4	1211	1217
287	Rastrelli G., Corona G., Maggi M.,	Testosterone and sexual function in men	2018	Maturitas	112		46	52
288	Spanu F., Scherm B., Camboni I., Balmas V., Pani G., Oufensou S., Macciotta N., Pasquali M., Migheli Q.,	FcRav2, a gene with a ROGDI domain involved in <i>Fusarium</i> head blight and crown rot on durum wheat caused by <i>Fusarium culmorum</i>	2018	Molecular Plant Pathology	19	3	677	688

289	Brancolini G., Maschio M.C., Cantarutti C., Corazza A., Fogolari F., Bellotti V., Corni S., Esposito G.,	Citrate stabilized gold nanoparticles interfere with amyloid fibril formation: D76N and $\Delta$ n6 $\beta$ 2-microglobulin variants	2018	Nanoscale	10		4793	4806
290	Davalli P., Marverti G., Lauriola A., D'Arca D.,	Targeting oxidatively induced DNA damage response in cancer: Opportunities for novel cancer therapies	2018	Oxidative Medicine and Cellular Longevity	2018	2389523		
291	Sanginetto M., Graziano G., D'Amore S., Salvia R., Palasciano G., Sabba C., Vacca M., Cariello M.,	Identification of peculiar gene expression profile in peripheral blood mononuclear cells (PBMC) of celiac patients on gluten free diet	2018	PLoS ONE	13	5	e0197915	
292	Santangeli S., Notarstefano V., Maradonna F., Giorgini E., Gioacchini G., Forner-Piquer I., Habibi H.R., Carnevali O.,	Effects of diethylene glycol dibenzoate and Bisphenol A on the lipid metabolism of <i>Danio rerio</i>	2018	Science of the Total Environment	636		641	655
293	Di Mise A., Tamma G., Ranieri M., Centrone M., Van Den Heuvel L., Mekahli D., Levchenko E.N., Valenti G.,	Activation of Calcium-Sensing Receptor increases intracellular calcium and decreases cAMP and mTOR in PKD1 deficient cells	2018	Scientific Reports	8	1	5704	
294	Petruk G., Donadio G., Lanzilli M., Isticato R., Monti D.M.,	Alternative use of <i>Bacillus subtilis</i> spores: Protection against environmental oxidative stress in human normal keratinocytes	2018	Scientific Reports	8	1	1745	
295	Leggio L., Guarino F., Magri A., Accardi-Gheit R., Reina S., Specchia V., Damiano F., Tomasello M.F., Tommasino M., Messina A.,	Mechanism of translation control of the alternative <i>Drosophila melanogaster</i> Voltage Dependent Anion-selective Channel 1 mRNAs	2018	Scientific Reports	8	1	5347	
296	Selvolini G., Băjan I., Hosu O., Cristea C., Săndulescu R., Marrazza G.,	DNA-based sensor for the detection of an organophosphorus pesticide: Profenofos	2018	Sensors (Switzerland)	18	7	2035	

297	Maseroli E., Scavello I., Vignozzi L.,	Cardiometabolic Risk and Female Sexuality—Part II. Understanding (and Overcoming) Gender Differences: The Key Role of an Adequate Methodological Approach	2018	Sexual Medicine Reviews				
298	Maseroli E., Scavello I., Vignozzi L.,	Cardiometabolic Risk and Female Sexuality—Part I. Risk Factors and Potential Pathophysiological Underpinnings for Female Vasculogenic Sexual Dysfunction Syndromes	2018	Sexual Medicine Reviews				
299	Monti P., Rocchitta G., Marceddu S., Dettori M.A., Fabbri D., Jaoua S., Migheli Q., Delogu G., Serra P.A.,	Use of $\beta$ -cyclodextrin as enhancer of ascorbic acid rejection in permselective films for amperometric biosensor applications	2018	Talanta	186		53	59

300  
301  
302  
303  
304  
305  
306  
307  
308  
309









































