Laura Bonfili

List of Publications by Year
in descending order

54 papers	3,223 citations	279798 23 h-index	175258 52 g-index
54 all docs	54 docs citations	54 times ranked	6472 citing authors

#	Article	IF	Citations
1	Assessment of serum amyloid A concentrations and biochemical profiles in lactating jennies and newborn Ragusano donkey foals around parturition and one month after foaling in Sicily. Reproduction in Domestic Animals, 2022, 57, 262-268.	1.4	6
2	Gut microbiota modulation in Alzheimer's disease: Focus on lipid metabolism. Clinical Nutrition, 2022, 41, 698-708.	5.0	21
3	Arene-ruthenium(II) complexes with tetracyclic oxime derivatives: synthesis, structure and antiproliferative activity against human breast cancer cells. Inorganica Chimica Acta, 2022, 535, 120879.	2.4	10
4	Strategic Modification of Gut Microbiota through Oral Bacteriotherapy Influences Hypoxia Inducible Factor-1Î±: Therapeutic Implication in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 357.	4.1	10
5	Modulation of Gut Microbiota and Neuroprotective Effect of a Yeast-Enriched Beer. Nutrients, 2022, 14, 2380.	4.1	11
6	Microglial polarization differentially affects neuronal vulnerability to the Î²-amyloid protein: Modulation by melatonin. Biochemical Pharmacology, 2022, 202, 115151.	4.4	4
7	Reply â€“ Letter to the editor â€œComment on â€œGut microbiota modulation in Alzheimer's disease: Focus on lipid metabolism Clinical nutrition 2022â€. Clinical Nutrition, 2022, , .	5.0	0
8	Microbiota modulation as preventative and therapeutic approach in Alzheimerâ€™s disease. FEBS Journal, 2021, 288, 2836-2855.	4.7	60
9	Flavanâ€3â€ol Microbial Metabolites Modulate Proteolysis in Neuronal Cells Reducing Amyloidâ€beta (1â€42) Levels. Molecular Nutrition and Food Research, 2021, 65, e2100380.	3.3	20
10	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (edition	9.1	1,430
11	Exploring the Molecular Mechanisms Underlying the inâ€…vitro Anticancer Effects of Multitargetâ€Directed Hydrazone Ruthenium(II)â€“Arene Complexes. ChemMedChem, 2020, 15, 105-113.	3.2	16
12	Gut microbiota manipulation through probiotics oral administration restores glucose homeostasis in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2020, 87, 35-43.	3.1	77
13	Structure/activity virtual screening and in vitro testing of small molecule inhibitors of 8-hydroxy-5-deazaflavin:NADPH oxidoreductase from gut methanogenic bacteria. Scientific Reports, 2020, 10, 13150.	3.3	9
14	Binuclear 3,3â€²,5,5â€²-tetramethyl-1H,H-4,4â€²-bipyrazole Ruthenium(II) complexes: Synthesis, characterization and biological studies. Inorganica Chimica Acta, 2020, 513, 119902.	2.4	10
15	Neuroprotective effects of p62(SQSTM1)-engineered lactic acid bacteria in Alzheimerâ€™s disease: a pre-clinical study. Aging, 2020, 12, 15995-16020.	3.1	30
16	Novel osmium(<scp>ii</scp>)â€“cymene complexes containing curcumin and bisdemethoxycurcumin ligands. Inorganic Chemistry Frontiers, 2019, 6, 2448-2457.	6.0	13
17	Guanylin, Uroguanylin and Guanylate Cyclase-C Are Expressed in the Gastrointestinal Tract of Horses. Frontiers in Physiology, 2019, 10, 1237.	2.8	2
18	Identification of a Killer Toxin from Wickerhamomyces anomalus with Î²-Glucanase Activity. Toxins, 2019, 11, 568.	3.4	14

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19	Chimeric DNA/LNA-based biosensor for the rapid detection of African swine fever virus. Talanta, 2018, 184, 35-41.	5.5	25
20	SLAB51 Probiotic Formulation Activates SIRT1 Pathway Promoting Antioxidant and Neuroprotective Effects in an AD Mouse Model. Molecular Neurobiology, 2018, 55, 7987-8000.	4.0	172
21	Ligand Design forN,O- orN,N-Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. Inorganic Chemistry, 2018, 57, 14123-14133.	4.0	47
22	Essential amino acid mixtures drive cancer cells to apoptosis through proteasome inhibition and autophagy activation. FEBS Journal, 2017, 284, 1726-1737.	4.7	30
23	Microbiota modulation counteracts Alzheimerâ€™s disease progression influencing neuronal proteolysis and gut hormones plasma levels. Scientific Reports, 2017, 7, 2426.	3.3	316
24	Interfering with the high-affinity interaction between wheat amylase trypsin inhibitor CM3 and toll-like receptor 4: in silico and biosensor-based studies. Scientific Reports, 2017, 7, 13169.	3.3	31
25	The TRPV1 ion channel regulates thymocyte differentiation by modulating autophagy and proteasome activity. Oncotarget, 2017, 8, 90766-90780.	1.8	24
26	The fine-tuning of proteolytic pathways in Alzheimerâ€™s disease. Cellular and Molecular Life Sciences, 2016, 73, 3433-3451.	5.4	16
27	Interaction between wheat alpha-amylase/trypsin bi-functional inhibitor and mammalian digestive enzymes: Kinetic, equilibrium and structural characterization of binding. Food Chemistry, 2016, 213, 571-578.	8.2	32
28	Effects of Ghrelin on the Proteolytic Pathways of Alzheimerâ€™s Disease Neuronal Cells. Molecular Neurobiology, 2016, 53, 3168-3178.	4.0	29
29	Dinuclear (Î·6-arene) ruthenium(II) acylpyrazolone complexes: Synthesis, characterization and cytotoxicity. Journal of Organometallic Chemistry, 2015, 791, 1-5.	1.8	15
30	Environmental pollutants directly affect the liver X receptor alpha activity: Kinetic and thermodynamic characterization of binding. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 1-7.	2.5	19
31	Sorafenib induces cathepsin B-mediated apoptosis of bladder cancer cells by regulating the Akt/PTEN pathway. The Akt inhibitor, perifosine, enhances the sorafenib-induced cytotoxicity against bladder cancer cells.. Oncoscience, 2015, 2, 395-409.	2.2	25
32	Mechanistic insights on petrosaspongiolide M inhibitory effects on immunoproteasome and autophagy. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 713-721.	2.3	8
33	Wild type and mutant amyloid precursor proteins influence downstream effects of proteasome and autophagy inhibition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 127-134.	3.8	18
34	Areneâ€“Ruthenium(II) Acylpyrazolonato Complexes: Apoptosis-Promoting Effects on Human Cancer Cells. Journal of Medicinal Chemistry, 2014, 57, 4532-4542.	6.4	84
35	Pazopanib and sunitinib trigger autophagic and non-autophagic death of bladder tumour cells. British Journal of Cancer, 2013, 109, 1040-1050.	6.4	65
36	Ghrelin induces apoptosis in colon adenocarcinoma cells via proteasome inhibition and autophagy induction. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 1188-1200.	4.9	42

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37	Effect of sunitinib and pazopanib on necrosis and autophagic cell death in cancer cells: Role of cathepsin B.. Journal of Clinical Oncology, 2013, 31, e15513-e15513.	1.6	1
38	Different effects of sunitinib, sorafenib, and pazopanib on inducing cancer cell death: The role of autophagy.. Journal of Clinical Oncology, 2013, 31, 270-270.	1.6	2
39	Effect of sorafenib on cathepsin B-dependent BID-mediated apoptosis in cancer cells.. Journal of Clinical Oncology, 2013, 31, e15515-e15515.	1.6	0
40	Sanguisorba minor extract suppresses plasmin-mediated mechanisms of cancer cell migration. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1027-1034.	2.4	13
41	ATP independent proteasomal degradation of NQO1 in BL cell lines. Biochimie, 2012, 94, 1242-1249.	2.6	2
42	Areneâ€“Ru^{II} Complexes of Curcumin Exert Antitumor Activity via Proteasome Inhibition and Apoptosis Induction. ChemMedChem, 2012, 7, 2010-2020.	3.2	57
43	Crosstalk between the ubiquitinâ€“proteasome system and autophagy in a human cellular model of Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1741-1751.	3.8	61
44	Identification of an EGCG oxidation derivative with proteasome modulatory activity. Biochimie, 2011, 93, 931-940.	2.6	20
45	Targeting Proteasomes with Naturally Occurring Compounds in Cancer Treatment. Current Cancer Drug Targets, 2011, 11, 307-324.	1.6	11
46	The relationship between the 20S proteasomes and prion-mediated neurodegenerations: potential therapeutic opportunities. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1322-1335.	4.9	4
47	Effects of thymoquinone on isolated and cellular proteasomes. FEBS Journal, 2010, 277, 2128-2141.	4.7	41
48	Natural Occurring Polyphenols as Template for Drug Design. Focus on Serine Proteases. Chemical Biology and Drug Design, 2009, 74, 1-15.	3.2	44
49	Wheat sprout extract-induced apoptosis in human cancer cells by proteasomes modulation. Biochimie, 2009, 91, 1131-1144.	2.6	35
50	Antiplasmin activity of natural occurring polyphenols. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 995-1001.	2.3	22
51	Natural polyphenols as proteasome modulators and their role as antiâ€cancer compounds. FEBS Journal, 2008, 275, 5512-5526.	4.7	73
52	Amyloid peptides in different assembly states and related effects on isolated and cellular proteasomes. Brain Research, 2008, 1209, 8-18.	2.2	39
53	Wheat sprout extract induces changes on 20S proteasomes functionality. Biochimie, 2008, 90, 790-801.	2.6	32
54	Binding of aflatoxins to the 20S proteasome: effects on enzyme functionality and implications for oxidative stress and apoptosis. Biological Chemistry, 2007, 388, 107-17.	2.5	25