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List of Publications by Year in descending order

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32
papers

945
citations

471477

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454934

30
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32
all docs

32
docs citations

32
times ranked

1426
citing authors

#	ARTICLE	IF	CITATIONS
1	Filtering promiscuous compounds in early drug discovery: is it a good idea?. Drug Discovery Today, 2016, 21, 868-872.	6.4	73
2	Discovery of New Anti-Schistosomal Hits by Integration of QSAR-Based Virtual Screening and High Content Screening. Journal of Medicinal Chemistry, 2016, 59, 7075-7088.	6.4	67
3	ATP and ADP hydrolysis in brain membranes of zebrafish (<i>Danio rerio</i>). Life Sciences, 2003, 73, 2071-2082.	4.3	62
4	Exposure to Hg ²⁺ and Pb ²⁺ changes NTPDase and ecto-5'-nucleotidase activities in central nervous system of zebrafish (<i>Danio rerio</i>). Toxicology, 2006, 226, 229-237.	4.2	57
5	Methanol alters ecto-nucleotidases and acetylcholinesterase in zebrafish brain. Neurotoxicology and Teratology, 2006, 28, 489-496.	2.4	56
6	Aluminum exposure alters behavioral parameters and increases acetylcholinesterase activity in zebrafish (<i>Danio rerio</i>) brain. Cell Biology and Toxicology, 2011, 27, 199-205.	5.3	56
7	Ecto-5'-nucleotidase activity in brain membranes of zebrafish (<i>Danio rerio</i>). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 139, 203-207.	1.6	55
8	1-Phenyl-1H- and 2-phenyl-2H-1,2,3-triazol derivatives: Design, synthesis and inhibitory effect on alpha-glycosidases. European Journal of Medicinal Chemistry, 2014, 74, 461-476.	5.5	55
9	QSAR-Driven Discovery of Novel Chemical Scaffolds Active against <i>Schistosoma mansoni</i> . Journal of Chemical Information and Modeling, 2016, 56, 1357-1372.	5.4	47
10	In vitro effect of zinc and cadmium on acetylcholinesterase and ectonucleotidase activities in zebrafish (<i>Danio rerio</i>) brain. Toxicology in Vitro, 2006, 20, 954-958.	2.4	45
11	<i>Schistosoma mansoni</i> infection causes oxidative stress and alters receptor for advanced glycation endproduct (RAGE) and tau levels in multiple organs in mice. International Journal for Parasitology, 2013, 43, 371-379.	3.1	44
12	Carbofuran and malathion inhibit nucleotide hydrolysis in zebrafish (<i>Danio rerio</i>) brain membranes. Toxicology, 2005, 212, 107-115.	4.2	37
13	Kinetics Studies on the Inhibition Mechanism of Pancreatic Î±-Amylase by Glycoconjugated 1,2,3-Triazoles: A New Class of Inhibitors with Hypoglycemic Activity. ChemBioChem, 2012, 13, 1584-1593.	2.6	37
14	Ethanol and acetaldehyde alter NTPDase and 5'-nucleotidase from zebrafish brain membranes. Neurochemistry International, 2008, 52, 290-296.	3.8	31
15	Kinetic characterization of adenosine deaminase activity in zebrafish (<i>Danio rerio</i>) brain. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 96-101.	1.6	26
16	Design, synthesis, cholinesterase inhibition and molecular modelling study of novel tacrine hybrids with carbohydrate derivatives. Bioorganic and Medicinal Chemistry, 2018, 26, 5566-5577.	3.0	21
17	Acute and subchronic copper treatments alter extracellular nucleotide hydrolysis in zebrafish brain membranes. Toxicology, 2007, 236, 132-139.	4.2	20
18	Dealing with frequent hitters in drug discovery: a multidisciplinary view on the issue of filtering compounds on biological screenings. Expert Opinion on Drug Discovery, 2019, 14, 1269-1282.	5.0	19

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19	The antidepressant drug paroxetine as a new lead candidate in schistosome drug discovery. <i>MedChemComm</i> , 2016, 7, 1176-1182.	3.4	16
20	Influence of mercury chloride on adenosine deaminase activity and gene expression in zebrafish (<i>Danio rerio</i>) brain. <i>NeuroToxicology</i> , 2010, 31, 291-296.	3.0	15
21	Sertraline and clomipramine inhibit nucleotide catabolism in rat brain synaptosomes. <i>Toxicology in Vitro</i> , 2007, 21, 671-676.	2.4	14
22	Ecto-nucleotidase pathway is altered by different treatments with fluoxetine and nortriptyline. <i>European Journal of Pharmacology</i> , 2008, 583, 18-25.	3.5	14
23	Increased tau phosphorylation and receptor for advanced glycation endproducts (RAGE) in the brain of mice infected with <i>Leishmania amazonensis</i> . <i>Brain, Behavior, and Immunity</i> , 2015, 43, 37-45.	4.1	14
24	Synthesis of new lophine-carbohydrate hybrids as cholinesterase inhibitors: cytotoxicity evaluation and molecular modeling. <i>MedChemComm</i> , 2019, 10, 2089-2101.	3.4	13
25	Hypoglycaemic activity of <i>Bauhinia holophylla</i> through GSK3- β inhibition and glycogenesis activation. <i>Pharmaceutical Biology</i> , 2019, 57, 269-279.	2.9	10
26	Investigation into effects of antipsychotics on ectonucleotidase and adenosine deaminase in zebrafish brain. <i>Fish Physiology and Biochemistry</i> , 2015, 41, 1383-1392.	2.3	9
27	N-acetyl-cysteine inhibits liver oxidative stress markers in BALB/c mice infected with <i>Leishmania amazonensis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 146-154.	1.6	9
28	Fluoxetine and nortriptyline affect NTPDase and 5'-nucleotidase activities in rat blood serum. <i>Life Sciences</i> , 2007, 81, 1205-1210.	4.3	8
29	Efficient identification of novel anti-glioma lead compounds by machine learning models. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 111981.	5.5	5
30	Neurological impairment caused by <i>Schistosoma mansoni</i> systemic infection exhibits early features of idiopathic neurodegenerative disease. <i>Journal of Biological Chemistry</i> , 2021, 297, 100979.	3.4	4
31	Screening of 1,2-furanonaphthoquinones 1,2,3-H-triazoles for glycosidases inhibitory activity and free radical scavenging potential: an insight in anticancer activity. <i>Medicinal Chemistry Research</i> , 2019, 28, 1579-1588.	2.4	3
32	Shortcuts to schistosomiasis drug discovery: The state-of-the-art. <i>Annual Reports in Medicinal Chemistry</i> , 2019, , 139-180.	0.9	3