

Andrew Holt

List of Publications by Year in descending order

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23
papers

907
citations

687363

13
h-index

752698

20
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23
times ranked

1332
citing authors

#	ARTICLE	IF	CITATIONS
1	A Continuous Spectrophotometric Assay for Monoamine Oxidase and Related Enzymes in Tissue Homogenates. <i>Analytical Biochemistry</i> , 1997, 244, 384-392.	2.4	210
2	Bioactive Contaminants Leach from Disposable Laboratory Plasticware. <i>Science</i> , 2008, 322, 917-917.	12.6	189
3	Potential of Ligand Binding through Cooperative Effects in Monoamine Oxidase B. <i>Journal of Biological Chemistry</i> , 2010, 285, 36849-36856.	3.4	93
4	A peroxidase-coupled continuous absorbance plate-reader assay for flavin monoamine oxidases, copper-containing amine oxidases and related enzymes. <i>Nature Protocols</i> , 2006, 1, 2498-2505.	12.0	68
5	Disease-modifying effects of ganglioside GM1 in Huntington's disease models. <i>EMBO Molecular Medicine</i> , 2017, 9, 1537-1557.	6.9	51
6	On the formation and nature of the imidazoline I2 binding site on human monoamine oxidase-B. <i>Pharmacological Research</i> , 2010, 62, 475-488.	7.1	46
7	Multiple Binding Sites for Substrates and Modulators of Semicarbazide-Sensitive Amine Oxidases: Kinetic Consequences. <i>Molecular Pharmacology</i> , 2008, 73, 525-538.	2.3	40
8	On the disruption of biochemical and biological assays by chemicals leaching from disposable laboratory plasticware. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 697-703.	1.4	40
9	Crystallographic snapshots of the complete reaction cycle of nicotine degradation by an amine oxidase of the monoamine oxidase (MAO) family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4800-4805.	7.1	26
10	Allosteric modulation of semicarbazide-sensitive amine oxidase activities in vitro by imidazoline receptor ligands. <i>British Journal of Pharmacology</i> , 2004, 143, 495-507.	5.4	22
11	An improved approach to steady-state analysis of monoamine oxidases. <i>Journal of Neural Transmission</i> , 2011, 118, 1003-1019.	2.8	22
12	Attenuation of the effects of oxidative stress by the MAO-inhibiting antidepressant and carbonyl scavenger phenelzine. <i>Chemico-Biological Interactions</i> , 2019, 304, 139-147.	4.0	22
13	Inhibition of rat brain monoamine oxidase enzymes by fluoxetine and norfluoxetine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 17-24.	3.0	20
14	Overview of the Neuroprotective Effects of the MAO-Inhibiting Antidepressant Phenelzine. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 225-242.	3.3	15
15	Modulation of Resistance Artery Tone by the Trace Amine Î²-Phenylethylamine: Dual Indirect Sympathomimetic and Î±1-Adrenoceptor Blocking Actions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 164-171.	2.5	9
16	The Effects of Chronic Administration of Inhibitors of Flavin and Quinone Amine Oxidases on Imidazoline I1 Receptor Density in Rat Whole Brain. <i>Annals of the New York Academy of Sciences</i> , 2003, 1009, 309-322.	3.8	8
17	A method to measure permeability of red blood cell membrane to water and solutes using intrinsic fluorescence. <i>Clinica Chimica Acta</i> , 2014, 431, 103-110.	1.1	8
18	ADAM, a hands-on patient simulator for teaching principles of drug disposition and compartmental pharmacokinetics. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2426-2449.	2.4	8

#	ARTICLE	IF	CITATIONS
19	Molecular determinants of ATP-sensitive potassium channel MgATPase activity: diabetes risk variants and diazoxide sensitivity. Bioscience Reports, 2015, 35, .	2.4	7
20	On the practical aspects of characterising monoamine oxidase inhibition in vitro. Journal of Neural Transmission, 2018, 125, 1685-1705.	2.8	3
21	Post-translational modification of matrix metalloproteinase-2 by peroxynitrite. FASEB Journal, 2008, 22, 750.20.	0.5	0
22	Inhibitory effects of caspase inhibitors on the activity of matrix metalloproteinase (MMP)-2. FASEB Journal, 2012, 26, 1b657.	0.5	0
23	Triton X-100 inhibits L-type voltage-operated calcium channels. FASEB Journal, 2012, 26, 1115.15.	0.5	0