

Richard B Parsons

List of Publications by Year in descending order

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42
papers

1,285
citations

304368

22
h-index

360668

35
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docs citations

42
times ranked

1881
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinergic Differentiation of Human Neuroblastoma SH-SY5Y Cell Line and Its Potential Use as an In vitro Model for Alzheimer's Disease Studies. <i>Molecular Neurobiology</i> , 2019, 56, 7355-7367.	1.9	118
2	High expression of nicotinamide N-methyltransferase in patients with idiopathic Parkinson's disease. <i>Neuroscience Letters</i> , 2003, 342, 13-16.	1.0	87
3	Galantamine inhibits β -amyloid aggregation and cytotoxicity. <i>Journal of the Neurological Sciences</i> , 2009, 280, 49-58.	0.3	85
4	A feedback loop between dipeptide-repeat protein, TDP-43 and karyopherin- β mediates C9orf72-related neurodegeneration. <i>Brain</i> , 2018, 141, 2908-2924.	3.7	75
5	Expression of Nicotinamide N-Methyltransferase (E.C. 2.1.1.1) in the Parkinsonian Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002, 61, 111-124.	0.9	72
6	The expression of nicotinamide N-methyltransferase increases ATP synthesis and protects SH-SY5Y neuroblastoma cells against the toxicity of Complex I inhibitors. <i>Biochemical Journal</i> , 2011, 436, 145-155.	1.7	71
7	Alternative oxidase rescues mitochondria-mediated dopaminergic cell loss in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2012, 21, 2698-2712.	1.4	51
8	Statins inhibit the dimerization of β -secretase via both isoprenoid- and cholesterol-mediated mechanisms. <i>Biochemical Journal</i> , 2006, 399, 205-214.	1.7	45
9	A Rapid and Efficient Assay for the Characterization of Substrates and Inhibitors of Nicotinamide N-Methyltransferase. <i>Biochemistry</i> , 2016, 55, 5307-5315.	1.2	44
10	Potent Inhibition of Nicotinamide N-Methyltransferase by Alkene-Linked Bisubstrate Mimics Bearing Electron Deficient Aromatics. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12938-12963.	2.9	43
11	Inhibitors of nicotinamide N-methyltransferase designed to mimic the methylation reaction transition state. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6656-6667.	1.5	42
12	Human brain cytochrome P450 1B1: immunohistochemical localization in human temporal lobe and induction by dimethylbenz(a)anthracene in astrocytoma cell line (MOG-G-CCM). <i>Neuroscience Letters</i> , 2000, 278, 177-180.	1.0	37
13	RA Differentiation Enhances Dopaminergic Features, Changes Redox Parameters, and Increases Dopamine Transporter Dependency in 6-Hydroxydopamine-Induced Neurotoxicity in SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2017, 31, 545-559.	1.3	37
14	Cannabinoid-Based Therapies and Brain Development: Potential Harmful Effect of Early Modulation of the Endocannabinoid System. <i>CNS Drugs</i> , 2018, 32, 697-712.	2.7	37
15	The effect of foetal bovine serum supplementation upon the lactate dehydrogenase cytotoxicity assay: Important considerations for in vitro toxicity analysis. <i>Toxicology in Vitro</i> , 2015, 30, 300-308.	1.1	32
16	Cannabidiol Exposure During Neuronal Differentiation Sensitizes Cells Against Redox-Active Neurotoxins. <i>Molecular Neurobiology</i> , 2015, 52, 26-37.	1.9	30
17	Neuroprotective Effects of Nicotinamide N-Methyltransferase and its Metabolite N-Methylnicotinamide. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 451-456.	1.4	25
18	Nicotinamide N-methyltransferase increases complex I activity in SH-SY5Y cells via sirtuin 3. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 491-496.	1.0	25

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19	Mimicking Parkinson's Disease in a Dish: Merits and Pitfalls of the Most Commonly used Dopaminergic In Vitro Models. <i>NeuroMolecular Medicine</i> , 2017, 19, 241-255.	1.8	25
20	Crispene E, a cis-clerodane diterpene inhibits STAT3 dimerization in breast cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3882-3886.	1.5	24
21	Post-translational processing of beta-secretase in Alzheimer's disease. <i>Proteomics</i> , 2005, 5, 1533-1543.	1.3	23
22	Hepatic localisation of rat cysteine dioxygenase. <i>Journal of Hepatology</i> , 1998, 29, 595-602.	1.8	22
23	The regulation of β -secretase by cholesterol and statins in Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2005, 229-230, 269-273.	0.3	20
24	Metabolomic Method: UPLC-q-ToF Polar and Non-Polar Metabolites in the Healthy Rat Cerebellum Using an In-Vial Dual Extraction. <i>PLoS ONE</i> , 2015, 10, e0122883.	1.1	20
25	HPLC-UV method for measuring nicotinamide N-methyltransferase activity in biological samples: Evidence for substrate inhibition kinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 921-922, 87-95.	1.2	19
26	Cholinesterase inhibitory activity versus aromatic core multiplicity: A facile green synthesis and molecular docking study of novel piperidone embedded thiazolopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 906-916.	1.4	19
27	Metabolic rewiring in melanoma drug-resistant cells. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 153, 102995.	2.0	18
28	High Expression of Nicotinamide N-Methyltransferase in Patients with Sporadic Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021, 58, 1769-1781.	1.9	17
29	Nicotinamide N-methyltransferase catalyses the N-methylation of the endogenous β -carboline norharman: evidence for a novel detoxification pathway. <i>Biochemical Journal</i> , 2016, 473, 3253-3267.	1.7	16
30	Nicotinamide N-Methyltransferase in Health and Cancer. <i>International Journal of Tryptophan Research</i> , 2017, 10, 117864691769173.	1.0	15
31	Cysteine dioxygenase: regional expression of activity in rat brain. <i>Neuroscience Letters</i> , 1998, 248, 101-104.	1.0	12
32	Nicotinamide N-Methyltransferase: An Emerging Protagonist in Cancer Macro(r)evolution. <i>Biomolecules</i> , 2021, 11, 1418.	1.8	12
33	A specific inhibitor of cholesterol biosynthesis, BM15.766, reduces the expression of β -secretase and the production of amyloid- β in vitro. <i>Journal of Neurochemistry</i> , 2007, 102, 1276-1291.	2.1	11
34	Nicotinamide N-methyltransferase expression in SH-SY5Y human neuroblastoma cells decreases oxidative stress. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22439.	1.4	11
35	Nicotinamide N-Methyltransferase: Genomic Connection to Disease. <i>International Journal of Tryptophan Research</i> , 2020, 13, 117864692091977.	1.0	11
36	Renal Localisation of Rat Cysteine Dioxygenase. <i>Nephron</i> , 2001, 88, 340-346.	0.9	9

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37	The kinetic analysis of the N -methylation of 4-phenylpyridine by nicotinamide N -methyltransferase: Evidence for a novel mechanism of substrate inhibition. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 98, 127-136.	1.2	8
38	Parkinsonâ€™s Disease Master Regulators on Substantia Nigra and Frontal Cortex and Their Use for Drug Repositioning. <i>Molecular Neurobiology</i> , 2021, 58, 1517-1534.	1.9	8
39	Alpha-synucleinopathy reduces NMNAT3 protein levels and neurite formation that can be rescued by targeting the NAD+ pathway. <i>Human Molecular Genetics</i> , 2022, 31, 2918-2933.	1.4	5
40	Cysteine-Mediated Excitotoxic Neuronal Death is an Apoptosisâ€™Necrosis Continuum. <i>Journal of Applied Animal Research</i> , 2007, 32, 7-12.	0.4	2
41	Nicotinamide N-methyltransferase and metastasis: a new player in cancer therapeutics. <i>Biotarget</i> , 0, 3, 20-20.	0.5	2
42	Comment on: â€™Cytotoxicity of Oxycodone and Morphine in Human Neuroblastoma and Mouse Motoneuronal Cells: A Comparative Approachâ€™. <i>Drugs in R and D</i> , 2016, 16, 285-286.	1.1	0