

R Douglas Shytle

List of Publications by Year in descending order

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48
papers

3,728
citations

172386

29
h-index

223716

46
g-index

48
all docs

48
docs citations

48
times ranked

5222
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinergic modulation of microglial activation by $\alpha 7$ nicotinic receptors. <i>Journal of Neurochemistry</i> , 2004, 89, 337-343.	2.1	498
2	Green tea epigallocatechin-3-gallate (EGCG) reduces β -amyloid mediated cognitive impairment and modulates tau pathology in Alzheimer transgenic mice. <i>Brain Research</i> , 2008, 1214, 177-187.	1.1	401
3	Cocrystals of Quercetin with Improved Solubility and Oral Bioavailability. <i>Molecular Pharmaceutics</i> , 2011, 8, 1867-1876.	2.3	314
4	Nanolipidic particles improve the bioavailability and β -secretase inducing ability of epigallocatechin-3-gallate (EGCG) for the treatment of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2010, 389, 207-212.	2.6	256
5	Apigenin and luteolin modulate microglial activation via inhibition of STAT1-induced CD40 expression. <i>Journal of Neuroinflammation</i> , 2008, 5, 41.	3.1	175
6	Green Tea Epigallocatechin-3-Gallate (EGCG) and Other Flavonoids Reduce Alzheimer's Amyloid-Induced Mitochondrial Dysfunction. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 507-521.	1.2	156
7	Neuroprotective mechanisms of astaxanthin: a potential therapeutic role in preserving cognitive function in age and neurodegeneration. <i>GeroScience</i> , 2017, 39, 19-32.	2.1	138
8	Flavonoid-mediated presenilin-1 phosphorylation reduces Alzheimer's disease β -amyloid production. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 574-588.	1.6	129
9	Nicotinic Antagonist Augmentation of Selective Serotonin Reuptake Inhibitor-Refractory Major Depressive Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2008, 28, 340-344.	0.7	119
10	Flavonoids, a prenatal prophylaxis via targeting JAK2/STAT3 signaling to oppose IL-6/MIA associated autism. <i>Journal of Neuroimmunology</i> , 2009, 217, 20-27.	1.1	95
11	Multicenter, Double-Blind, Placebo-Controlled Study of Mecamylamine Monotherapy for Tourette's Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2001, 40, 1103-1110.	0.3	94
12	Nicotine's oxidative and antioxidant properties in CNS. <i>Life Sciences</i> , 2002, 71, 2807-2820.	2.0	79
13	Humoral factors in ALS patients during disease progression. <i>Journal of Neuroinflammation</i> , 2015, 12, 127.	3.1	77
14	Crystal Engineering of Green Tea Epigallocatechin-3-gallate (EGCg) Cocrystals and Pharmacokinetic Modulation in Rats. <i>Molecular Pharmaceutics</i> , 2013, 10, 2948-2961.	2.3	76
15	Neuronal nicotinic receptor inhibition for treating mood disorders preliminary controlled evidence with mecamylamine. <i>Depression and Anxiety</i> , 2002, 16, 89-92.	2.0	73
16	The Tourette's Disorder Scale (TODS). <i>Assessment</i> , 2003, 10, 273-287.	1.9	71
17	Improving Lithium Therapeutics by Crystal Engineering of Novel Ionic Cocrystals. <i>Molecular Pharmaceutics</i> , 2013, 10, 4728-4738.	2.3	70
18	Physical Stability Enhancement and Pharmacokinetics of a Lithium Ionic Cocrystal with Glucose. <i>Crystal Growth and Design</i> , 2014, 14, 6135-6142.	1.4	69

#	ARTICLE	IF	CITATIONS
19	Nutraceuticals Synergistically Promote Proliferation of Human Stem Cells. <i>Stem Cells and Development</i> , 2006, 15, 118-123.	1.1	67
20	Treatment of Tourette's syndrome with mecamylamine. <i>Lancet, The</i> , 1998, 352, 705-706.	6.3	66
21	Diosmin reduces cerebral A β levels, tau hyperphosphorylation, neuroinflammation, and cognitive impairment in the 3xTg-AD mice. <i>Journal of Neuroimmunology</i> , 2016, 299, 98-106.	1.1	60
22	Optimized Turmeric Extracts have Potent Anti-Amyloidogenic Effects. <i>Current Alzheimer Research</i> , 2009, 6, 564-571.	0.7	55
23	Optimized Turmeric Extract Reduces β -Amyloid and Phosphorylated Tau Protein Burden in Alzheimer's Transgenic Mice. <i>Current Alzheimer Research</i> , 2012, 9, 500-506.	0.7	55
24	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. <i>PLoS ONE</i> , 2010, 5, e10496.	1.1	52
25	Case Study: Long-Term Potentiation of Neuroleptics with Transdermal Nicotine in Tourette's Syndrome. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1996, 35, 1631-1636.	0.3	50
26	Mecamylamine in Tourette's Syndrome: A Two-Year Retrospective Case Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2000, 10, 59-68.	0.7	49
27	A Pilot Controlled Trial of Transdermal Nicotine in the Treatment of Attention Deficit Hyperactivity Disorder. <i>World Journal of Biological Psychiatry</i> , 2002, 3, 150-155.	1.3	47
28	Oxidative Stress of Neural, Hematopoietic, and Stem Cells: Protection by Natural Compounds. <i>Rejuvenation Research</i> , 2007, 10, 173-178.	0.9	36
29	Family Impact of Tourette's Syndrome. <i>Journal of Child and Family Studies</i> , 2001, 10, 477-483.	0.7	32
30	Nutraceutical Intervention Improves Older Adults' Cognitive Functioning. <i>Rejuvenation Research</i> , 2014, 17, 27-32.	0.9	32
31	Propionate and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 580001.	1.7	32
32	Beneficial effects of a pyrroloquinolinequinone-containing dietary formulation on motor deficiency, cognitive decline and mitochondrial dysfunction in a mouse model of Alzheimer's disease. <i>Heliyon</i> , 2017, 3, e00279.	1.4	24
33	Anxiolytic effects of mecamylamine in two animal models of anxiety.. <i>Experimental and Clinical Psychopharmacology</i> , 2002, 10, 18-25.	1.3	23
34	MSM ameliorates HIV-1 Tat induced neuronal oxidative stress via rebalance of the glutathione cycle. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 328-38.	0.0	22
35	Clinical Experience With Transdermal Nicotine Patch in Tourette Syndrome. <i>CNS Spectrums</i> , 1999, 4, 68-76.	0.7	18
36	Plasma and brain pharmacokinetics of previously unexplored lithium salts. <i>RSC Advances</i> , 2014, 4, 12362-12365.	1.7	14

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37	Potential new complication in drug therapy development for amyotrophic lateral sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 1397-1405.	1.4	14
38	Translating laboratory discovery to the clinic: From nicotine and mecamylamine to Tourette's, depression, and beyond. <i>Physiology and Behavior</i> , 2012, 107, 801-808.	1.0	13
39	Nutraceutical intervention reverses the negative effects of blood from aged rats on stem cells. <i>Age</i> , 2015, 37, 103.	3.0	13
40	Addressing potential role of magnesium dyshomeostasis to improve treatment efficacy for epilepsy: A reexamination of the literature. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 260-265.	1.0	13
41	Therapeutic Cocktail Approach for Treatment of Hyperhomocysteinemia in Alzheimer's Disease. <i>Cell Medicine</i> , 2018, 10, 215517901772228.	5.0	12
42	Fighting the War Against COVID-19 via Cell-Based Regenerative Medicine: Lessons Learned from 1918 Spanish Flu and Other Previous Pandemics. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 9-32.	1.7	11
43	Mecamylamine Effects on Haloperidol-Induced Catalepsy and Defecation. <i>International Journal of Neuroscience</i> , 2001, 109, 81-90.	0.8	9
44	Nicotine Blocks Kainic Acid-Induced Wet Dog Shakes in Rats. <i>Neuropsychopharmacology</i> , 1995, 13, 261-264.	2.8	8
45	Comparing the effect of the novel ionic cocrystal of lithium salicylate proline (LISPRO) with lithium carbonate and lithium salicylate on memory and behavior in female APP ^{swe} /PS1 ^{dE9} Alzheimer's mice. <i>Journal of Neuroscience Research</i> , 2019, 97, 1066-1080.	1.3	7
46	Retrospective Case Series of Traumatic Brain Injury and Post-Traumatic Stress Disorder Treated with Hyperbaric Oxygen Therapy. <i>Cell Transplantation</i> , 2019, 28, 885-892.	1.2	4
47	Nicotinic Medications and Tourette's Disorder. <i>Frontiers in Neuroscience</i> , 2001, , .	0.0	0
48	Therapeutic cocktail approach for treatment of hyperhomocysteinemia in Alzheimer's disease. <i>Cell Medicine</i> , 2017, , .	5.0	0