

R Douglas Shytle

List of Publications by Year in descending order

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48
papers

3,728
citations

172457
29
h-index

223800
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.	3.9	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.	2.2	401
3	Cocrystals of Quercetin with Improved Solubility and Oral Bioavailability. <i>Molecular Pharmaceutics</i> , 2011, 8, 1867-1876.	4.6	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.	5.2	256
5	Apigenin and luteolin modulate microglial activation via inhibition of STAT1-induced CD40 expression. <i>Journal of Neuroinflammation</i> , 2008, 5, 41.	7.2	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.	2.6	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.	4.6	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.	3.6	129
9	Nicotinic Antagonist Augmentation of Selective Serotonin Reuptake Inhibitor-Refractory Major Depressive Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2008, 28, 340-344.	1.4	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.	2.3	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.	0.5	94
12	Nicotine's oxidative and antioxidant properties in CNS. <i>Life Sciences</i> , 2002, 71, 2807-2820.	4.3	79
13	Humoral factors in ALS patients during disease progression. <i>Journal of Neuroinflammation</i> , 2015, 12, 127.	7.2	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.	4.6	76
15	Neuronal nicotinic receptor inhibition for treating mood disorders preliminary controlled evidence with mecamylamine. <i>Depression and Anxiety</i> , 2002, 16, 89-92.	4.1	73
16	The Tourette's Disorder Scale (TODS). <i>Assessment</i> , 2003, 10, 273-287.	3.1	71
17	Improving Lithium Therapeutics by Crystal Engineering of Novel Ionic Cocrystals. <i>Molecular Pharmaceutics</i> , 2013, 10, 4728-4738.	4.6	70
18	Physical Stability Enhancement and Pharmacokinetics of a Lithium Ionic Cocrystal with Glucose. <i>Crystal Growth and Design</i> , 2014, 14, 6135-6142.	3.0	69

#	ARTICLE	IF	CITATIONS
19	Nutraceuticals Synergistically Promote Proliferation of Human Stem Cells. <i>Stem Cells and Development</i> , 2006, 15, 118-123.	2.1	67
20	Treatment of Tourette's syndrome with mecamlamine. <i>Lancet, The</i> , 1998, 352, 705-706.	13.7	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.	2.3	60
22	Optimized Turmeric Extracts have Potent Anti-Amyloidogenic Effects. <i>Current Alzheimer Research</i> , 2009, 6, 564-571.	1.4	55
23	Optimized Turmeric Extract Reduces γ -Amyloid and Phosphorylated Tau Protein Burden in Alzheimer's Transgenic Mice. <i>Current Alzheimer Research</i> , 2012, 9, 500-506.	1.4	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.	2.5	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.	0.5	50
26	Mecamlamine in Tourette's Syndrome: A Two-Year Retrospective Case Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2000, 10, 59-68.	1.3	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.	2.6	47
28	Oxidative Stress of Neural, Hematopoietic, and Stem Cells: Protection by Natural Compounds. <i>Rejuvenation Research</i> , 2007, 10, 173-178.	1.8	36
29	Family Impact of Tourette's Syndrome. <i>Journal of Child and Family Studies</i> , 2001, 10, 477-483.	1.3	32
30	Nutraceutical Intervention Improves Older Adults' Cognitive Functioning. <i>Rejuvenation Research</i> , 2014, 17, 27-32.	1.8	32
31	Propionate and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 580001.	3.4	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.	3.2	24
33	Anxiolytic effects of mecamlamine in two animal models of anxiety.. <i>Experimental and Clinical Psychopharmacology</i> , 2002, 10, 18-25.	1.8	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.	1.2	18
36	Plasma and brain pharmacokinetics of previously unexplored lithium salts. <i>RSC Advances</i> , 2014, 4, 12362-12365.	3.6	14

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37	Potential new complication in drug therapy development for amyotrophic lateral sclerosis. Expert Review of Neurotherapeutics, 2016, 16, 1397-1405.	2.8	14
38	Translating laboratory discovery to the clinic: From nicotine and mecamylamine to Tourette's, depression, and beyond. Physiology and Behavior, 2012, 107, 801-808.	2.1	13
39	Nutraceutical intervention reverses the negative effects of blood from aged rats on stem cells. Age, 2015, 37, 103.	3.0	13
40	Addressing potential role of magnesium dyshomeostasis to improve treatment efficacy for epilepsy: A reexamination of the literature. Journal of Clinical Pharmacology, 2016, 56, 260-265.	2.0	13
41	Therapeutic Cocktail Approach for Treatment of Hyperhomocysteinemia in Alzheimer's Disease. Cell Medicine, 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. Stem Cell Reviews and Reports, 2021, 17, 9-32.	3.8	11
43	Mecamylamine Effects on Haloperidol-Induced Catalepsy and Defecation. International Journal of Neuroscience, 2001, 109, 81-90.	1.6	9
44	Nicotine Blocks Kainic Acid-Induced Wet Dog Shakes in Rats. Neuropsychopharmacology, 1995, 13, 261-264.	5.4	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. Journal of Neuroscience Research, 2019, 97, 1066-1080.	2.9	7
46	Retrospective Case Series of Traumatic Brain Injury and Post-Traumatic Stress Disorder Treated with Hyperbaric Oxygen Therapy. Cell Transplantation, 2019, 28, 885-892.	2.5	4
47	Nicotinic Medications and Tourette's Disorder. Frontiers in Neuroscience, 2001, , .	0.0	0
48	Therapeutic cocktail approach for treatment of hyperhomocysteinemia in Alzheimer's disease. Cell Medicine, 2017, , .	5.0	0