

Marcos Avila-Rodriguez

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,041
citations

430754

18
h-index

434063

31
g-index

38
all docs

38
docs citations

38
times ranked

1797
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in Parkinson's disease: Features on clinical symptoms, treatment outcome, sexual hormones and genetics. <i>Frontiers in Neuroendocrinology</i> , 2018, 50, 18-30.	2.5	106
2	Regulation of astroglia by gonadal steroid hormones under physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2016, 144, 5-26.	2.8	101
3	Sleep Disorders Associated With Alzheimer's Disease: A Perspective. <i>Frontiers in Neuroscience</i> , 2018, 12, 330.	1.4	99
4	Alterations in Glucose Metabolism on Cognition: A Possible Link Between Diabetes and Dementia. <i>Current Pharmaceutical Design</i> , 2016, 22, 812-818.	0.9	60
5	Tibolone protects astrocytic cells from glucose deprivation through a mechanism involving estrogen receptor beta and the upregulation of neuroglobin expression. <i>Molecular and Cellular Endocrinology</i> , 2016, 433, 35-46.	1.6	60
6	Tibolone Reduces Oxidative Damage and Inflammation in Microglia Stimulated with Palmitic Acid through Mechanisms Involving Estrogen Receptor Beta. <i>Molecular Neurobiology</i> , 2018, 55, 5462-5477.	1.9	52
7	Alzheimer's Disease " Future Therapy Based on Dendrimers. <i>Current Neuropharmacology</i> , 2019, 17, 288-294.	1.4	42
8	Nanotechnology for Alzheimer Disease. <i>Current Alzheimer Research</i> , 2017, 14, 1182-1189.	0.7	41
9	Neurophysiology and Psychopathology Underlying PTSD and Recent Insights into the PTSD Therapies" A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 2951.	1.0	40
10	L-Type Calcium Channels Modulation by Estradiol. <i>Molecular Neurobiology</i> , 2017, 54, 4996-5007.	1.9	38
11	Medicinal Plants as Protective Strategies Against Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2017, 23, 4180-4188.	0.9	37
12	Can miRNAs Be Considered as Diagnostic and Therapeutic Molecules in Ischemic Stroke Pathogenesis?" Current Status. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6728.	1.8	35
13	Targeting the Nicotinic Acetylcholine Receptors (nAChRs) in Astrocytes as a Potential Therapeutic Target in Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2016, 22, 1305-1311.	0.9	35
14	Role of neuroinflammation and sex hormones in war-related PTSD. <i>Molecular and Cellular Endocrinology</i> , 2016, 434, 266-277.	1.6	33
15	Growth Factors and Astrocytes Metabolism: Possible Roles for Platelet Derived Growth Factor. <i>Medicinal Chemistry</i> , 2016, 12, 204-210.	0.7	32
16	Neuroprotective effects of the catalytic subunit of telomerase: A potential therapeutic target in the central nervous system. <i>Ageing Research Reviews</i> , 2016, 28, 37-45.	5.0	29
17	Is VEGF a Key Target of Cotinine and Other Potential Therapies Against Alzheimer Disease?. <i>Current Alzheimer Research</i> , 2017, 14, 1155-1163.	0.7	28
18	Nicotine-Derived Compounds as Therapeutic Tools Against Post-Traumatic Stress Disorder. <i>Current Pharmaceutical Design</i> , 2015, 21, 3589-3595.	0.9	23

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19	Mitochondrial Permeability Transition Pore as a Suitable Target for Neuroprotective Agents Against Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 677-685.	0.8	18
20	Novel Approaches in Astrocyte Protection: from Experimental Methods to Computational Approaches. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 483-492.	1.1	15
21	Advances in Medicinal Plants with Effects on Anxiety Behavior Associated to Mental and Health Conditions. <i>Current Medicinal Chemistry</i> , 2017, 24, 411-423.	1.2	14
22	Approaches for the Development of Drugs for Treatment of Obesity and Metabolic Syndrome. <i>Current Pharmaceutical Design</i> , 2016, 22, 895-903.	0.9	14
23	Application of Acyzol in the Context of Zinc Deficiency and Perspectives. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2104.	1.8	13
24	The Effect of Short-Term Physical Activity on the Oxidative Stress in Rats with Different Stress Resistance Profiles in Cerebral Hypoperfusion. <i>Molecular Neurobiology</i> , 2020, 57, 3014-3026.	1.9	12
25	Microglial dependent protective effects of neuroactive steroids. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 242-249.	0.8	12
26	Comparing the Treatment of Congenital Spine Deformity Using Freehand Techniques In Vivo and 3D-Printed Templates In Vitro (Prospective vs Retrospective Single-Center Analytical Single-Cohort Study). <i>Journal of Back Musculoskeletal Rehabilitation</i> , 2021, 34, 1010-1015.	0.8	10
27	Cerebrospinal Fluid, Brain Electrolytes Balance, and the Unsuspected Intrinsic Property of Melanin to Dissociate the Water Molecule. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 17, 743-756.	0.8	8
28	The Use of Fibrin-based Tissue Adhesives for Breast in Reconstructive and Plastic Surgery. <i>Current Topics in Medicinal Chemistry</i> , 2020, 19, 2985-2990.	1.0	6
29	Copper and Neurotoxicity in Autism Spectrum Disorder. <i>Current Pharmaceutical Design</i> , 2020, 25, 4747-4754.	0.9	5
30	The Posterior Perforated Substance: A Brain Mystery Wrapped in an Enigma. <i>Current Topics in Medicinal Chemistry</i> , 2020, 19, 2991-2998.	1.0	5
31	Classification (Agonist/Antagonist) and Regression Structure-Activity Models of Drug Interaction with 5-HT ₆ . <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2018, 18, 213-221.	0.5	4
32	Cytotoxic Effects of Blue Scorpion Venom (<i>Rhopalurus junceus</i>) in a Glioblastoma Cell Line Model. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 636-645.	0.9	4
33	Recent Reports on Redox Stress-Induced Mitochondrial DNA Variations, Neuroglial Interactions, and NMDA Receptor System in Pathophysiology of Schizophrenia. <i>Molecular Neurobiology</i> , 2022, 59, 2472-2496.	1.9	4
34	Synthesis and Cytotoxic Activity of Azine Derivatives of 6-Hydroxyxanthodiene. <i>Current Cancer Drug Targets</i> , 2020, 20, 666-674.	0.8	3
35	Natural Antioxidants in Dementia. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 827-836.		2
36	A Novel Heterocyclic System Based on Natural Epoxyalantolactone. <i>Frontiers in Chemistry</i> , 2019, 7, 655.	1.8	1

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37	Statistical Review of the Suicide Attempts Rates Committed on Polish Railway Tracks between the Years 2013-2016. Central Nervous System Agents in Medicinal Chemistry, 2021, 21, 85-92.	0.5	1
38	New Insights into Oxidative Damage and Iron Associated Impairment in Traumatic Brain Injury. Current Pharmaceutical Design, 2020, 25, 4737-4746.	0.9	1