

Marcos Avila-Rodriguez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

678
citations

16
h-index

25
g-index

38
ext. papers

885
ext. citations

4.3
avg, IF

4.05
L-index

#	Paper	IF	Citations
37	Regulation of astroglia by gonadal steroid hormones under physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2016 , 144, 5-26	10.9	79
36	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	8.9	61
35	Sleep Disorders Associated With Alzheimer's Disease: A Perspective. <i>Frontiers in Neuroscience</i> , 2018 , 12, 330	5.1	52
34	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	4.4	49
33	Alterations in Glucose Metabolism on Cognition: A Possible Link Between Diabetes and Dementia. <i>Current Pharmaceutical Design</i> , 2016 , 22, 812-8	3.3	45
32	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	6.2	35
31	Targeting the Nicotinic Acetylcholine Receptors (nAChRs) in Astrocytes as a Potential Therapeutic Target in Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1305-11	3.3	31
30	Medicinal Plants as Protective Strategies Against Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4180-4188	3.3	28
29	Nanotechnology for Alzheimer Disease. <i>Current Alzheimer Research</i> , 2017 , 14, 1182-1189	3	28
28	L-Type Calcium Channels Modulation by Estradiol. <i>Molecular Neurobiology</i> , 2017 , 54, 4996-5007	6.2	26
27	Growth Factors and Astrocytes Metabolism: Possible Roles for Platelet Derived Growth Factor. <i>Medicinal Chemistry</i> , 2016 , 12, 204-10	1.8	24
26	Role of neuroinflammation and sex hormones in war-related PTSD. <i>Molecular and Cellular Endocrinology</i> , 2016 , 434, 266-77	4.4	24
25	Alzheimer's Disease - Future Therapy Based on Dendrimers. <i>Current Neuropharmacology</i> , 2019 , 17, 288-296	3.6	21
24	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	12	21
23	Is VEGF a Key Target of Cotinine and Other Potential Therapies Against Alzheimer Disease?. <i>Current Alzheimer Research</i> , 2017 , 14, 1155-1163	3	20
22	Nicotine-Derived Compounds as Therapeutic Tools Against Post-Traumatic Stress Disorder. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3589-95	3.3	16
21	Approaches for the Development of Drugs for Treatment of Obesity and Metabolic Syndrome. <i>Current Pharmaceutical Design</i> , 2016 , 22, 895-903	3.3	13

20	Can miRNAs Be Considered as Diagnostic and Therapeutic Molecules in Ischemic Stroke Pathogenesis?-Current Status. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
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	2.6	12
18	Novel Approaches in Astrocyte Protection: from Experimental Methods to Computational Approaches. <i>Journal of Molecular Neuroscience</i> , 2016 , 58, 483-92	3.3	11
17	Advances in Medicinal Plants with Effects on Anxiety Behavior Associated to Mental and Health Conditions. <i>Current Medicinal Chemistry</i> , 2017 , 24, 411-423	4.3	11
16	Neurophysiology and Psychopathology Underlying PTSD and Recent Insights into the PTSD Therapies-A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11
15	Microglial dependent protective effects of neuroactive steroids. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 242-9	2.6	10
14	Application of Acyzol in the Context of Zinc Deficiency and Perspectives. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
13	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	6.2	5
12	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	2.6	5
11	Classification (Agonist/Antagonist) and Regression "Structure-Activity" Models of Drug Interaction with 5-HT6. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2018 , 18, 213-221	1.8	4
10	Copper and Neurotoxicity in Autism Spectrum Disorder. <i>Current Pharmaceutical Design</i> , 2019 , 25, 4747-4754	3.5	3
9	The Use of Fibrin-based Tissue Adhesives for Breast in Reconstructive and Plastic Surgery. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2985-2990	3	3
8	Comparing the Treatment of Congenital Spine Deformity Using Freehand Techniques In Vivo and 3D-Printed Templates In Vitro (Prospective-Retrospective Single-Center Analytical Single-Cohort Study). <i>Advances in Therapy</i> , 2020 , 37, 402-419	4.1	3
7	Recent Reports on Redox Stress-Induced Mitochondrial DNA Variations, Neuroglial Interactions, and NMDA Receptor System in Pathophysiology of Schizophrenia.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	2
6	The Posterior Perforated Substance: A Brain Mystery Wrapped in an Enigma. <i>Current Topics in Medicinal Chemistry</i> , 2019 , 19, 2991-2998	3	2
5	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	2.6	2
4	New Insights into Oxidative Damage and Iron Associated Impairment in Traumatic Brain Injury. <i>Current Pharmaceutical Design</i> , 2019 , 25, 4737-4746	3.3	1
3	Synthesis and Cytotoxic Activity of Azine Derivatives of 6-Hydroxyxanthanodiene. <i>Current Cancer Drug Targets</i> , 2020 , 20, 666-674	2.8	1

2 Natural Antioxidants in Dementia **2015**, 827-836

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1 A Novel Heterocyclic System Based on Natural Epoxyalantolactone. *Frontiers in Chemistry*, **2019**, 7, 655 5