

# Oscar Gonzalez-Perez

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

4,244  
citations

186265

28  
h-index

110387

64  
g-index

79  
all docs

79  
docs citations

79  
times ranked

5288  
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-fat diet during pregnancy impairs memory acquisition and increases leptin receptor expression in the hippocampus of rat offspring. <i>Nutritional Neuroscience</i> , 2022, 25, 146-158.	3.1	9
2	Chronic exposure to cyclohexane induces stereotypic circling, hyperlocomotion, and anxiety-like behavior associated with atypical c-Fos expression in motor- and anxiety-related brain regions. <i>Behavioural Brain Research</i> , 2022, 418, 113664.	2.2	3
3	Tactile information from the vibrissal system modulates hippocampal functioning. <i>Current Research in Neurobiology</i> , 2022, 3, 100034.	2.3	3
4	EGF-Coupled Gold Nanoparticles Increase the Expression of CNPase and the Myelin-Associated Proteins MAG, MOG, and MBP in the Septal Nucleus Demyelinated by Cuprizone. <i>Life</i> , 2022, 12, 333.	2.4	3
5	Phenytoin promotes the proliferation of oligodendrocytes and enhances the expression of myelin basic protein in the corpus callosum of mice demyelinated by cuprizone. <i>Experimental Brain Research</i> , 2022, 240, 1617-1627.	1.5	4
6	Biopsychological correlates of repetitive and restricted behaviors in autism spectrum disorders. <i>Brain and Behavior</i> , 2021, 11, e2341.	2.2	7
7	Gold nanoparticles produce transient reactive gliosis in the adult brain. <i>Neuroscience Research</i> , 2021, 170, 76-86.	1.9	7
8	Neurobiological approaches of high-fat diet intake in early development and their impact on mood disorders in adulthood: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 218-230.	6.1	7
9	Characterization of a mouse model of chronic hydrocephalus induced by partial occlusion of the aqueduct of Sylvius in the adult brain. <i>Journal of Neuroscience Methods</i> , 2021, 362, 109294.	2.5	3
10	Role of Oligodendrocytes and Myelin in the Pathophysiology of Autism Spectrum Disorder. <i>Brain Sciences</i> , 2020, 10, 951.	2.3	40
11	Cyclohexane Inhalation Produces Long-Lasting Alterations in the Hippocampal Integrity and Reward-Seeking Behavior in the Adult Mouse. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 435-449.	3.3	6
12	Five Decades of Cuprizone, an Updated Model to Replicate Demyelinating Diseases. <i>Current Neuropharmacology</i> , 2019, 17, 129-141.	2.9	116
13	Melatonin modifies SOX2 <sup>+</sup> cell proliferation in dentate gyrus and modulates SIRT1 and MECP2 in long-term sleep deprivation. <i>Neural Regeneration Research</i> , 2019, 14, 1787.	3.0	15
14	Permanent Whisker Removal Reduces the Density of c-Fos <sup>+</sup> Cells and the Expression of Calbindin Protein, Disrupts Hippocampal Neurogenesis and Affects Spatial-Memory-Related Tasks. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 132.	3.7	11
15	Alterations of Growth Factors in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2017, 8, 126.	2.6	40
16	X-ray Photoelectron Spectroscopy Study of Interactions Between Gold Nanoparticles and Epidermal Growth Factor for Potential Use in Biomedicine. <i>Journal of Bionanoscience</i> , 2017, 11, 141-147.	0.4	3
17	Prophylactic Role of Oral Melatonin Administration on Neurogenesis in Adult Balb/C Mice during REM Sleep Deprivation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	14
18	Rapid Eye Movement Sleep Deprivation Produces Long-Term Detrimental Effects in Spatial Memory and Modifies the Cellular Composition of the Subgranular Zone. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 132.	3.7	27

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19	Phenytoin enhances the phosphorylation of epidermal growth factor receptor and fibroblast growth factor receptor in the subventricular zone and promotes the proliferation of neural precursor cells and oligodendrocyte differentiation. <i>European Journal of Neuroscience</i> , 2016, 43, 139-147.	2.6	8
20	A Novel Experimental Animal Model of Adult Chronic Hydrocephalus. <i>Neurosurgery</i> , 2016, 79, 746-756.	1.1	17
21	Sex-related effects of sleep deprivation on depressive- and anxiety-like behaviors in mice. <i>Experimental Animals</i> , 2016, 65, 97-107.	1.1	27
22	Growth factors as clinical biomarkers of prognosis and diagnosis in psychiatric disorders. <i>Cytokine and Growth Factor Reviews</i> , 2016, 32, 85-96.	7.2	75
23	Emerging roles of microglia cells in the regulation of adult neural stem cells. <i>Neuroimmunology and Neuroinflammation</i> , 2016, 3, 204.	1.4	6
24	Glial plasticity after hexahydrobenzene exposure. <i>Neural Regeneration Research</i> , 2016, 11, 404.	3.0	0
25	Astrocytes: everything but the glue. <i>Neuroimmunology and Neuroinflammation</i> , 2015, 2, 115.	1.4	13
26	Cyclohexane Produces Behavioral Deficits Associated with Astrogliosis and Microglial Reactivity in the Adult Hippocampus Mouse Brain. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 503-512.	3.3	10
27	Cyclohexane, a Potential Drug of Abuse with Pernicious Effects on the Brain. <i>Frontiers in Pharmacology</i> , 2015, 6, 291.	3.5	6
28	The ventricular-subventricular zone: a source of oligodendrocytes in the adult brain. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 137.	3.7	4
29	The Subventricular Zone Is Able to Respond to a Demyelinating Lesion After Localized Radiation. <i>Stem Cells</i> , 2014, 32, 59-69.	3.2	33
30	Deflazacort in rheumatology: Where does it stand?. <i>Indian Journal of Rheumatology</i> , 2014, 9, 161-162.	0.4	1
31	Long-term hydrocephalus alters the cytoarchitecture of the adult subventricular zone. <i>Experimental Neurology</i> , 2014, 261, 236-244.	4.1	17
32	The role of EGFR and ErbB family related proteins in the oligodendrocyte specification in germinal niches of the adult mammalian brain. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 258.	3.7	76
33	Neural Stem Cells in the Adult Brain: From Benchside to Clinic. <i>Stem Cells International</i> , 2012, 2012, 1-2.	2.5	8
34	Ethical Implications in the Use of Embryonic and Adult Neural Stem Cells. <i>Stem Cells International</i> , 2012, 2012, 1-7.	2.5	38
35	Subventricular Zone Localized Irradiation Affects the Generation of Proliferating Neural Precursor Cells and the Migration of Neuroblasts. <i>Stem Cells</i> , 2012, 30, 2548-2560.	3.2	42
36	Role of Fibroblast Growth Factor Receptors in Astrocytic Stem Cells. <i>Current Signal Transduction Therapy</i> , 2012, 7, 81-86.	0.5	22

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37	Immunological regulation of neurogenic niches in the adult brain. <i>Neuroscience</i> , 2012, 226, 270-281.	2.3	76
38	Cellular Organization of the Subventricular Zone in the Adult Human Brain: A Niche of Neural Stem Cells. , 2012, , .		1
39	Diphenylhydantoin Promotes Proliferation in The Subventricular Zone and Dentate Gyrus. <i>American Journal of Neuroscience</i> , 2012, 3, 1-9.	0.4	3
40	Neural stem cells in the adult human brain. <i>Biological and Biomedical Reports</i> , 2012, 2, 59-69.	3.0	31
41	Astrocytes as neural stem cells in the adult brain. <i>Journal of Stem Cells</i> , 2012, 7, 181-8.	1.0	28
42	Oligodendrogenesis in the subventricular zone and the role of epidermal growth factor. <i>Brain Research Reviews</i> , 2011, 67, 147-156.	9.0	138
43	Stress by noise produces differential effects on the proliferation rate of radial astrocytes and survival of neuroblasts in the adult subgranular zone. <i>Neuroscience Research</i> , 2011, 70, 243-250.	1.9	31
44	Editorial [Hot Topic:Role of Neural Stem Cells in Neurodegenerative Diseases:From the Molecule and Cell to the Clinic (Guest Editor: Oscar Gonzalez-Perez)]. <i>Current Signal Transduction Therapy</i> , 2011, 6, 292-292.	0.5	0
45	Regulation of Neural Stem Cells in the Human SVZ by Trophic and Morphogenic Factors. <i>Current Signal Transduction Therapy</i> , 2011, 6, 320-326.	0.5	10
46	Fifteen-year trends of long-term disability and sick leaves in ankylosing spondylitis. <i>Clinical Rheumatology</i> , 2011, 30, 361-367.	2.2	13
47	Cytoarchitecture of the lateral ganglionic eminence and rostral extension of the lateral ventricle in the human fetal brain. <i>Journal of Comparative Neurology</i> , 2011, 519, 1165-1180.	1.6	71
48	Chronic exposure of juvenile rats to environmental noise impairs hippocampal cell proliferation in adulthood. <i>Noise and Health</i> , 2011, 13, 286.	0.5	35
49	The Dietary Antioxidants Alpha-Tocopherol and Alpha-Lipoic Acid and Their Synergy in Brain Disorders. , 2011, , 1911-1921.		1
50	Neurogenesis in Alzheimers Disease: A Realistic Alternative to Neuronal Degeneration?. <i>Current Signal Transduction Therapy</i> , 2011, 6, 314-319.	0.5	17
51	Editorial [Hot topic: Immunological Regulation of the Central Nervous System: From Physiological to Pathological Processes (Guest Editor: Oscar Gonzalez-Perez)]. <i>Current Immunology Reviews</i> , 2010, 6, 149-149.	1.2	3
52	Responses of Glial Cells to Stress and Glucocorticoids. <i>Current Immunology Reviews</i> , 2010, 6, 195-204.	1.2	103
53	Immune System Modulates the Function of Adult Neural Stem Cells. <i>Current Immunology Reviews</i> , 2010, 6, 167-173.	1.2	38
54	Targeting of Deep Brain Structures with Microinjections for Delivery of Drugs, Viral Vectors, or Cell Transplants. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	21

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55	Dose-dependent effect of EGF on migration and differentiation of adult subventricular zone astrocytes. <i>Glia</i> , 2010, 58, 975-983.	4.9	61
56	Immunological control of adult neural stem cells. <i>Journal of Stem Cells</i> , 2010, 5, 23-31.	1.0	29
57	Epidermal Growth Factor Induces the Progeny of Subventricular Zone Type B Cells to Migrate and Differentiate into Oligodendrocytes. <i>Stem Cells</i> , 2009, 27, 2032-2043.	3.2	196
58	Intra-operatively obtained human tissue: Protocols and techniques for the study of neural stem cells. <i>Journal of Neuroscience Methods</i> , 2009, 180, 116-125.	2.5	44
59	Astrogliosis is temporally correlated with enhanced neurogenesis in adult rat hippocampus following a glucoprivic insult. <i>Neuroscience Letters</i> , 2009, 459, 109-114.	2.1	6
60	The Human Brain Subventricular Zone: Stem Cells in This Niche and Its Organization. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 15-20.	1.7	58
61	Preservation of glial cytoarchitecture from ex vivo human tumor and non-tumor cerebral cortical explants: A human model to study neurological diseases. <i>Journal of Neuroscience Methods</i> , 2007, 164, 261-270.	2.5	30
62	Deflazacort: A glucocorticoid with few metabolic adverse effects but important immunosuppressive activity. <i>Advances in Therapy</i> , 2007, 24, 1052-1060.	2.9	20
63	Deflazacort induced stronger immunosuppression than expected. <i>Clinical Rheumatology</i> , 2007, 26, 935-940.	2.2	9
64	Origin of Oligodendrocytes in the Subventricular Zone of the Adult Brain. <i>Journal of Neuroscience</i> , 2006, 26, 7907-7918.	3.6	872
65	New Neurons Follow the Flow of Cerebrospinal Fluid in the Adult Brain. <i>Science</i> , 2006, 311, 629-632.	12.6	708
66	Magnetic resonance imaging of the migration of neuronal precursors generated in the adult rodent brain. <i>NeuroImage</i> , 2006, 32, 1150-1157.	4.2	137
67	Therapeutic perspectives on the combination of $\alpha$ -lipoic acid and vitamin E. <i>Nutrition Research</i> , 2006, 26, 1-5.	2.9	40
68	Cellular composition and cytoarchitecture of the adult human subventricular zone: A niche of neural stem cells. <i>Journal of Comparative Neurology</i> , 2006, 494, 415-434.	1.6	501
69	Oral Administration of Prednisone to Control Refractory Vertigo in Ménière's Disease: A Pilot Study. <i>Otology and Neurotology</i> , 2005, 26, 1022-1026.	1.3	34
70	Cellular Composition and Cytoarchitecture of the Adult Human Subventricular Zone: A Niche of Stem Cells. <i>Neurosurgery</i> , 2005, 57, 427-427.	1.1	0
71	An alpha-lipoic acid-vitamin E mixture reduces post-embolism lipid peroxidation, cerebral infarction, and neurological deficit in rats. <i>Neuroscience Research</i> , 2003, 47, 219-224.	1.9	40
72	Prednisone Induces Cognitive Dysfunction, Neuronal Degeneration, and Reactive Gliosis in Rats. <i>Journal of Investigative Medicine</i> , 2002, 50, 458-464.	1.6	29

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73	Beneficial effects of $\alpha$ -lipoic acid plus vitamin E on neurological deficit, reactive gliosis and neuronal remodeling in the penumbra of the ischemic rat brain. <i>Neuroscience Letters</i> , 2002, 321, 100-104.	2.1	63
74	Prednisone Induces Cognitive Dysfunction, Neuronal Degeneration, and Reactive Gliosis in Rats. <i>Journal of Investigative Medicine</i> , 2002, 50, 458.	1.6	8