

# Vicente Herranz-PÃ©rez

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,726  
citations

279487

23  
h-index

301761

39  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3143  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Actin Network Dispatches Ciliary GPCRs into Extracellular Vesicles to Modulate Signaling. <i>Cell</i> , 2017, 168, 252-263.e14.	13.5	290
2	The oral-facial-digital syndrome gene C2CD3 encodes a positive regulator of centriole elongation. <i>Nature Genetics</i> , 2014, 46, 905-911.	9.4	121
3	Loss of Dishevelleds Disrupts Planar Polarity in Ependymal Motile Cilia and Results in Hydrocephalus. <i>Neuron</i> , 2014, 83, 558-571.	3.8	121
4	Immature excitatory neurons develop during adolescence in the human amygdala. <i>Nature Communications</i> , 2019, 10, 2748.	5.8	95
5	The epilepsy gene LGI1 encodes a secreted glycoprotein that binds to the cell surface. <i>Human Molecular Genetics</i> , 2006, 15, 3436-3445.	1.4	86
6	Fifteen years of research on oral-facial-digital syndromes: from 1 to 16 causal genes. <i>Journal of Medical Genetics</i> , 2017, 54, 371-380.	1.5	85
7	LRRK2 is expressed in areas affected by Parkinson's disease in the adult mouse brain. <i>European Journal of Neuroscience</i> , 2006, 23, 659-666.	1.2	77
8	Clearing Amyloid- $\beta$ through PPAR $\gamma$ /ApoE Activation by Genistein is a Treatment of Experimental Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 701-711.	1.2	74
9	The aged brain: genesis and fate of residual progenitor cells in the subventricular zone. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 365.	1.8	66
10	Radial Glial Fibers Promote Neuronal Migration and Functional Recovery after Neonatal Brain Injury. <i>Cell Stem Cell</i> , 2018, 22, 128-137.e9.	5.2	63
11	New neurons use Slit-Robo signaling to migrate through the glial meshwork and approach a lesion for functional regeneration. <i>Science Advances</i> , 2018, 4, eaav0618.	4.7	60
12	Regional distribution of the leucine-rich glioma inactivated (LGI) gene family transcripts in the adult mouse brain. <i>Brain Research</i> , 2010, 1307, 177-194.	1.1	59
13	Mechanosensory Genes Pkd1 and Pkd2 Contribute to the Planar Polarization of Brain Ventricular Epithelium. <i>Journal of Neuroscience</i> , 2015, 35, 11153-11168.	1.7	47
14	NIR excitation of upconversion nanohybrids containing a surface grafted Bodipy induces oxygen-mediated cancer cell death. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4554-4563.	2.9	40
15	Dynamic Changes in Ultrastructure of the Primary Cilium in Migrating Neuroblasts in the Postnatal Brain. <i>Journal of Neuroscience</i> , 2019, 39, 9967-9988.	1.7	35
16	Perineuronal net formation during the critical period for neuronal maturation in the hypothalamic arcuate nucleus. <i>Nature Metabolism</i> , 2019, 1, 212-221.	5.1	35
17	Transcriptomic analysis links diverse hypothalamic cell types to fibroblast growth factor 1-induced sustained diabetes remission. <i>Nature Communications</i> , 2020, 11, 4458.	5.8	34
18	Unique Organization of the Nuclear Envelope in the Post-natal Quiescent Neural Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 203-216.	2.3	32

#	ARTICLE	IF	CITATIONS
19	Neurotoxic effects of ochratoxin A on the subventricular zone of adult mouse brain. <i>Journal of Applied Toxicology</i> , 2015, 35, 737-751.	1.4	30
20	Nanohybrid for Photodynamic Therapy and Fluorescence Imaging Tracking without Therapy. <i>Chemistry of Materials</i> , 2018, 30, 3677-3682.	3.2	30
21	Targeting Alzheimer's disease with multimodal polypeptide-based nanoconjugates. <i>Science Advances</i> , 2021, 7, .	4.7	29
22	Characterization of multiciliated ependymal cells that emerge in the neurogenic niche of the aged zebrafish brain. <i>Journal of Comparative Neurology</i> , 2016, 524, 2982-2992.	0.9	28
23	Netrin-1 receptor antibodies in thymoma-associated neuromyotonia with myasthenia gravis. <i>Neurology</i> , 2017, 88, 1235-1242.	1.5	28
24	Orthogonal Functionalisation of Upconverting NaYF <sub>4</sub> Nanocrystals. <i>Chemistry - A European Journal</i> , 2013, 19, 13538-13546.	1.7	27
25	A ciliopathy complex builds distal appendages to initiate ciliogenesis. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	26
26	Quantitative mass spectrometry for human melanocortin peptides in vitro and in vivo suggests prominent roles for I <sup>2</sup> -MSH and desacetyl I <sup>1</sup> -MSH in energy homeostasis. <i>Molecular Metabolism</i> , 2018, 17, 82-97.	3.0	21
27	Long-term hydrocephalus alters the cytoarchitecture of the adult subventricular zone. <i>Experimental Neurology</i> , 2014, 261, 236-244.	2.0	17
28	Dynamic Changes in the Neurogenic Potential in the Ventricular/Subventricular Zone of Common Marmoset during Postnatal Brain Development. <i>Cerebral Cortex</i> , 2020, 30, 4092-4109.	1.6	15
29	Detachment of Chain-Forming Neuroblasts by Fyn-Mediated Control of cell-cell Adhesion in the Postnatal Brain. <i>Journal of Neuroscience</i> , 2018, 38, 4598-4609.	1.7	13
30	Neurogenesis of medium spiny neurons in the nucleus accumbens continues into adulthood and is enhanced by pathological pain. <i>Molecular Psychiatry</i> , 2021, 26, 4616-4632.	4.1	9
31	Endoderm development requires centrioles to restrain p53-mediated apoptosis in the absence of ERK activity. <i>Developmental Cell</i> , 2021, 56, 3334-3348.e6.	3.1	9
32	Ultrastructural Characterization of Human Oligodendrocytes and Their Progenitor Cells by Pre-embedding Immunogold. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 696376.	0.9	8
33	Ependymoma associated protein Zft is expressed in immature ependymal cells but is not essential for ependymal development in mice. <i>Scientific Reports</i> , 2022, 12, 1493.	1.6	3
34	ID4 Is Required for Normal Ependymal Cell Development. <i>Frontiers in Neuroscience</i> , 2021, 15, 668243.	1.4	2
35	Tyramide Signal Amplification for Immunoelectron Microscopy. <i>Neuromethods</i> , 2021, , 213-222.	0.2	1
36	Localization of GFP-Tagged Proteins at the Electron Microscope. <i>Neuromethods</i> , 2016, , 179-190.	0.2	1

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37	Heterogeneous Pattern of Differentiation With BCAS1/NABC1 Expression in a Case of Oligodendroglioma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 379-383.	0.9	1
38	Immunogold Labeling to Detect <i>Streptococcus pyogenes</i> Cas9 in Cell Culture and Tissues by Electron Microscopy. <i>CRISPR Journal</i> , 2019, 2, 395-405.	1.4	0
39	Localization of GFP-Tagged Proteins Under the Electron Microscope. <i>Neuromethods</i> , 2021, , 201-212.	0.2	0
40	TEACHING ACTIVITIES FOR THE IMPROVEMENT OF HISTOLOGICAL KNOWLEDGE IN AN INTEGRATED EDUCATIONAL SYSTEM: THE GRADE OF MEDICINE OF THE UNIVERSITY JAUME I. , 2019, , .		0
41	Editorial: New Insights Into Adult Neurogenesis and Neurodegeneration: Challenges for Brain Repair. <i>Frontiers in Neuroscience</i> , 2022, 16, 868876.	1.4	0