

Philip E Hockberger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4317305/publications.pdf>

Version: 2024-02-01

39
papers

2,082
citations

430442

18
h-index

344852

36
g-index

40
all docs

40
docs citations

40
times ranked

2312
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing a national strategy for shared research resources in biomedical sciences. FASEB Journal, 2021, 35, e21973.	0.2	8
2	NUcore at 10: A Decade of Experience Developing a Core Facilities Management Application. , 2021, 32, .		0
3	Building a Sustainable Portfolio of Core Facilities: a Case Study. Journal of Biomolecular Techniques, 2018, 29, 79-92.	0.8	26
4	Metrics for Success: Strategies for Enabling Core Facility Performance and Assessing Outcomes. Journal of Biomolecular Techniques, 2016, 27, 25-39.	0.8	22
5	Best Practices for Core Facilities: Handling External Customers. Journal of Biomolecular Techniques, 2013, 24, jbt.13-2402-001.	0.8	15
6	Imaging of Mitochondrial and Non-Mitochondrial Responses in Cultured Rat Hippocampal Neurons Exposed to Micromolar Concentrations of TMRM. PLoS ONE, 2013, 8, e58059.	1.1	10
7	Subventricular Zone Cell Migration: Lessons from Quantitative Two-Photon Microscopy. Frontiers in Neuroscience, 2011, 5, 30.	1.4	18
8	Galectin-3 maintains cell motility from the subventricular zone to the olfactory bulb. Journal of Cell Science, 2011, 124, 2438-2447.	1.2	75
9	Rostral migratory stream neuroblasts turn and change directions in stereotypic patterns. Cell Adhesion and Migration, 2011, 5, 83-95.	1.1	17
10	MEF-2 regulates activity-dependent spine loss in striatopallidal medium spiny neurons. Molecular and Cellular Neurosciences, 2010, 44, 94-108.	1.0	96
11	Spontaneous Oscillations in Mitochondrial Membrane Potential of Cultured Neurons Did Not Correlate With Cytosolic Calcium Concentration. Biophysical Journal, 2009, 96, 534a.	0.2	1
12	Adult Mouse Subventricular Zone Stem and Progenitor Cells Are Sessile and Epidermal Growth Factor Receptor Negatively Regulates Neuroblast Migration. PLoS ONE, 2009, 4, e8122.	1.1	50
13	Dynamic features of postnatal subventricular zone cell motility: A two-photon time-lapse study. Journal of Comparative Neurology, 2007, 505, 190-208.	0.9	98
14	A History of Ultraviolet Photobiology for Humans, Animals and Microorganisms. Photochemistry and Photobiology, 2007, 76, 561-579.	1.3	43
15	A Rationale and Outline for an Undergraduate Course on the Philosophy and History of Science for Life Science Students. Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience, 2005, 4, A12-A16.	0.6	2
16	A History of Ultraviolet Photobiology for Humans, Animals and Microorganisms. Photochemistry and Photobiology, 2002, 76, 561.	1.3	156
17	(-)-Isoproterenol modulation of maxi-K ⁺ channel in nonpigmented ciliary epithelial cells through a G-protein gated pathway. Current Eye Research, 2002, 24, 173-181.	0.7	3
18	The discovery of the damaging effect of sunlight on bacteria. Journal of Photochemistry and Photobiology B: Biology, 2000, 58, 185-191.	1.7	32

#	ARTICLE	IF	CITATIONS
19	Increased reactive oxygen species in familial amyotrophic lateral sclerosis with mutations in SOD1. <i>Journal of the Neurological Sciences</i> , 2000, 176, 88-94.	0.3	76
20	PGE2 suppresses mitogen-induced Ca ²⁺ mobilization in T cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R1741-R1748.	0.9	12
21	Activation of flavin-containing oxidases underlies light-induced production of H ₂ O ₂ in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6255-6260.	3.3	303
22	Signaling mechanisms of elevated neutrophil O ₂ ^{•-} generation after burn injury. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R476-R485.	0.9	10
23	Analysis of spontaneous electrical activity in cerebellar Purkinje cells acutely isolated from postnatal rats. , 1997, 33, 18-32.		64
24	Is laminin-1 a guidance cue for cerebellar granule cell migration?. , 1997, 33, 72-84.		12
25	Kinetics of bone cell organization and mineralization on materials with patterned surface chemistry. <i>Biomaterials</i> , 1996, 17, 195-208.	5.7	244
26	High-voltage-activated calcium current in developing neurons is insensitive to nifedipine. <i>Pflugers Archiv European Journal of Physiology</i> , 1994, 426, 402-411.	1.3	14
27	Spatial distribution of mammalian cells dictated by material surface chemistry. <i>Biotechnology and Bioengineering</i> , 1994, 43, 792-800.	1.7	101
28	Identification of Acutely Isolated Cells from Developing Rat Cerebellum. <i>NeuroImage</i> , 1994, 1, 276-287.	2.1	15
29	A versatile technique for patterning biomolecules onto glass coverslips. <i>Journal of Neuroscience Methods</i> , 1993, 50, 385-397.	1.3	141
30	Pathfinding by Neuroblastoma Cells in Culture Is Directed by Preferential Adhesion to Positively Charged Surfaces. <i>NeuroImage</i> , 1993, 1, 129-144.	2.1	37
31	Divalent ions released from stainless steel hypodermic needles reduce neuronal calcium currents. <i>Pflugers Archiv European Journal of Physiology</i> , 1992, 420, 106-108.	1.3	14
32	Transferrin can alter physiological properties of retinal neurons. <i>Brain Research</i> , 1991, 561, 318-323.	1.1	15
33	A diacylglycerol analogue reduces neuronal calcium currents independently of protein kinase C activation. <i>Nature</i> , 1989, 338, 340-342.	13.7	189
34	Compartmentalization of cyclic AMP elevation in neurons of <i>Aplysia californica</i> . <i>Cellular and Molecular Neurobiology</i> , 1987, 7, 19-33.	1.7	18
35	Direct ion channel gating: A new function for intracellular messengers. <i>Cellular and Molecular Neurobiology</i> , 1987, 7, 229-236.	1.7	33
36	Calcium and cAMP: Second Messengers in Gastropod Neurons. , 1985, , 437-460.		1

#	ARTICLE	IF	CITATIONS
37	Alteration of calcium conductances and outward current by cyclic adenosine monophosphate (cAMP) in neurons of <i>Limax maximus</i> . <i>Cellular and Molecular Neurobiology</i> , 1984, 4, 319-338.	1.7	23
38	A novel membrane sodium current induced by injection of cyclic nucleotides into gastropod neurones.. <i>Journal of Physiology</i> , 1984, 354, 139-162.	1.3	82
39	Direct Measurements of cAMP Effects on Membrane Conductance, Intracellular Ca ²⁺ and pH in Molluscan Neurons. <i>Advances in Behavioral Biology</i> , 1982, , 179-196.	0.2	4