Patrice E Fort

List of Publications by Year
in descending order

66	3,917	186209 28	133188 59
papers	citations	h-index	g-index

67	67	67	3971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for Paracrine Protective Role of Exogenous Î±A-Crystallin in Retinal Ganglion Cells. ENeuro, 2022, 9, ENEURO.0045-22.2022.	0.9	3
2	Loss of Î±A or Î±B-Crystallin Accelerates Photoreceptor Cell Death in a Mouse Model of P23H Autosomal Dominant Retinitis Pigmentosa. International Journal of Molecular Sciences, 2022, 23, 70.	1.8	6
3	mTORC1 regulates high levels of protein synthesis in retinal ganglion cells of adult mice. Journal of Biological Chemistry, 2022, 298, 101944.	1.6	2
4	Î±A-Crystallin Mediated Neuroprotection in the Retinal Neurons Is Independent of Protein Kinase B. Frontiers in Neuroscience, 2022, 16, .	1.4	0
5	Is REM sleep a paradoxical state?: Different neurons are activated in the cingulate cortices and the claustrum during wakefulness and paradoxical sleep hypersomnia. Biochemical Pharmacology, 2021, 191, 114514.	2.0	14
6	HspB4/Î±A-Crystallin Modulates Neuroinflammation in the Retina via the Stress-Specific Inflammatory Pathways. Journal of Clinical Medicine, 2021, 10, 2384.	1.0	11
7	Therapeutic Potential of Î±-Crystallins in Retinal Neurodegenerative Diseases. Antioxidants, 2021, 10, 1001.	2.2	10
8	Granule cells in the infrapyramidal blade of the dentate gyrus are activated during paradoxical (REM) sleep hypersomnia but not during wakefulness: a study using TRAP mice. Sleep, 2021, 44, .	0.6	3
9	Diminished retinal complex lipid synthesis and impaired fatty acid Î²-oxidation associated with human diabetic retinopathy. JCI Insight, 2021, 6, .	2.3	20
10	The innate immune system in diabetic retinopathy. Progress in Retinal and Eye Research, 2021, 84, 100940.	7.3	48
11	Insulin-like growth factor-2 regulates basal retinal insulin receptor activity. Journal of Biological Chemistry, 2021, 296, 100712.	1.6	5
12	mTORC1 and mTORC2 expression in inner retinal neurons and glial cells. Experimental Eye Research, 2020, 197, 108131.	1.2	13
13	Targeted recombination in active populations as a new mouse genetic model to study sleepâ€active neuronal populations: Demonstration that Lhx6+ neurons in the ventral zona incerta are activated during paradoxical sleep hypersomnia. Journal of Sleep Research, 2020, 29, e12976.	1.7	8
14	New insights into the mechanisms of diabetic complications: role of lipids and lipid metabolism. Diabetologia, 2019, 62, 1539-1549.	2.9	240
15	Sleepâ€“wake physiology. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 160, 359-370.	1.0	32
16	Neuroanatomical and Neurochemical Systems Involved in Paradoxical Sleep (PS) Generation. Handbook of Behavioral Neuroscience, 2019, 30, 239-248.	0.7	0
17	Anti-fumarase antibody promotes the dropout of photoreceptor inner and outer segments in diabetic macular oedema. Diabetologia, 2019, 62, 504-516.	2.9	9
18	Increased lipogenesis and impaired Î²-oxidation predict type 2 diabetic kidney disease progression in American Indians. JCI Insight, 2019, 4, .	2.3	74

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19	Neuroanatomical and Neurochemical Bases of Vigilance States. Handbook of Experimental Pharmacology, 2018, 253, 35-58.	0.9	19
20	Heat Shock Proteins Regulatory Role in Neurodevelopment. Frontiers in Neuroscience, 2018, 12, 821.	1.4	114
21	Cataract development associated with long-term glucocorticoid therapy in Duchenne muscular dystrophy patients. Journal of AAPOS, 2018, 22, 483-484.	0.2	0
22	Approach for a Clinically Useful Comprehensive Classification of Vascular and Neural Aspects of Diabetic Retinal Disease. , 2018, 59, 519.		62
23	Role of Inflammation in Diabetic Retinopathy. International Journal of Molecular Sciences, 2018, 19, 942.	1.8	484
24	The Absence of Indoleamine 2,3-Dioxygenase Inhibits Retinal Capillary Degeneration in Diabetic Mice. , 2018, 59, 2042.		12
25	A specific phosphorylation regulates the protective role of Î±A-crystallin in diabetes. JCI Insight, 2018, 3, .	2.3	30
26	BetaB2-crystallin mutations associated with cataract and glaucoma leads to mitochondrial alterations in lens epithelial cells and retinal neurons. Experimental Eye Research, 2017, 155, 85-90.	1.2	5
27	Selective activation of a few limbic structures during paradoxical (REM) sleep by the claustrum and the supramammillary nucleus: evidence and function. Current Opinion in Neurobiology, 2017, 44, 59-64.	2.0	39
28	Genetic inactivation of glutamate neurons in the rat sublaterodorsal tegmental nucleus recapitulates REM sleep behaviour disorder. Brain, 2017, 140, 414-428.	3.7	118
29	Differential origin of the activation of dorsal and ventral dentate gyrus granule cells during paradoxical (REM) sleep in the rat. Brain Structure and Function, 2017, 222, 1495-1507.	1.2	14
30	A Triple Mutation of BetaB2-Crystallin is Necessary to Develop Cataract and Glaucoma. Journal of Clinical & Experimental Ophthalmology, 2017, 08, .	0.1	2
31	Insulin-like growth factor 1 rescues R28 retinal neurons from apoptotic death through ERK-mediated BimEL phosphorylation independent of Akt. Experimental Eye Research, 2016, 151, 82-95.	1.2	25
32	Noninvasivein vivoimaging of embryonic Î²-cell development in the anterior chamber of the eye. Islets, 2016, 8, 35-47.	0.9	4
33	Crystallins and neuroinflammation: The glial side of the story. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 278-286.	1.1	17
34	Current knowledge on diabetic retinopathy from human donor tissues. World Journal of Diabetes, 2015, 6, 312.	1.3	32
35	Regulated in Development and DNA Damage 1 Is Necessary for Hyperglycemia-induced Vascular Endothelial Growth Factor Expression in the Retina of Diabetic Rodents. Journal of Biological Chemistry, 2015, 290, 3865-3874.	1.6	43
36	The supramammillary nucleus and the claustrum activate the cortex during REM sleep. Science Advances, 2015, 1, e1400177.	4.7	115

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37	Phosphatase control of 4E-BP1 phosphorylation state is central for glycolytic regulation of retinal protein synthesis. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E546-E556.	1.8	22
38	Characterization and pharmacologic targeting of EZH2, a fetal retinal protein and epigenetic regulator, in human retinoblastoma. Laboratory Investigation, 2015, 95, 1278-1290.	1.7	26
39	Slight Alteration of the Electroretinogram in Mice Lacking Dystrophin Dp71. Ophthalmic Research, 2014, 51, 196-203.	1.0	8
40	Pro-inflammatory cytokines downregulate Hsp27 and cause apoptosis of human retinal capillary endothelial cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 164-174.	1.8	40
41	mTORC1-Independent Reduction of Retinal Protein Synthesis in Type 1 Diabetes. Diabetes, 2014, 63, 3077-3090.	0.3	24
42	Diabetic Retinopathyâ€"Update on Prevention Techniques, Present Therapies, and New Leads. US Ophthalmic Review, 2014, 07, 54.	0.2	14
43	Lack of dystrophin protein Dp71 results in progressive cataract formation due to loss of fiber cell organization. Molecular Vision, 2014, 20, 1480-90.	1.1	12
44	Strain-Independent Increases of Crystallin Proteins in the Retina of Type 1 Diabetic Rats. PLoS ONE, 2013, 8, e82520.	1.1	13
45	Brainstem mechanisms of paradoxical (REM) sleep generation. Pflugers Archiv European Journal of Physiology, 2012, 463, 43-52.	1.3	107
46	New focus on alpha-crystallins in retinal neurodegenerative diseases. Experimental Eye Research, 2011, 92, 98-103.	1.2	59
47	Evidence that Neurons of the Sublaterodorsal Tegmental Nucleus Triggering Paradoxical (REM) Sleep Are Glutamatergic. Sleep, 2011, 34, 419-423.	0.6	135
48	Impact of diabetes on alpha-crystallins and other heat shock proteins in the eye. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 62-69.	0.2	14
49	Diabetes Impairs the Neuroprotective Properties of Retinal Alpha-crystallins. , 2011, 52, 5034.		48
50	Differential Roles of Hyperglycemia and Hypoinsulinemia in Diabetes Induced Retinal Cell Death: Evidence for Retinal Insulin Resistance. PLoS ONE, 2011, 6, e26498.	1.1	62
51	Insulin Signaling in Normal and Diabetic Conditions. , 2010, , 101-118.		1
52	The Retinal Proteome in Experimental Diabetic Retinopathy. Molecular and Cellular Proteomics, 2009, 8, 767-779.	2.5	79
53	Neuroprotection for Diabetic Retinopathy. Developments in Ophthalmology, 2009, 44, 56-68.	0.1	31
54	Phosphorylation Site Mapping of Endogenous Proteins: A Combined MS and Bioinformatics Approach. Journal of Proteome Research, 2009, 8, 798-807.	1.8	10

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55	Noradrenergic neurons expressing Fos during waking and paradoxical sleep deprivation in the rat. Journal of Chemical Neuroanatomy, 2009, 37, 149-157.	1.0	41
56	Localization of the Brainstem GABAergic Neurons Controlling Paradoxical (REM) Sleep. PLoS ONE, 2009, 4, e4272.	1.1	207
57	Kir4.1 and AQP4 associate with Dp71â€•and utrophinâ€DAPs complexes in specific and defined microdomains of MÃ¼ller retinal glial cell membrane. Glia, 2008, 56, 597-610.	2.5	80
58	Localization of the neurons active during paradoxical (REM) sleep and projecting to the locus coeruleus noradrenergic neurons in the rat. Journal of Comparative Neurology, 2006, 495, 573-586.	0.9	102
59	Diabetes Reduces Basal Retinal Insulin Receptor Signaling: Reversal With Systemic and Local Insulin. Diabetes, 2006, 55, 1148-1156.	0.3	164
60	GABAergic control of hypothalamic melanin-concentrating hormone-containing neurons across the sleep???waking cycle. NeuroReport, 2005, 16, 1069-1073.	0.6	43
61	Cholinergic and noncholinergic brainstem neurons expressing Fos after paradoxical (REM) sleep deprivation and recovery. European Journal of Neuroscience, 2005, 21, 2488-2504.	1.2	115
62	The sarcoglycanâ€“sarcospan complex localization in mouse retina is independent from dystrophins. Neuroscience Research, 2005, 53, 25-33.	1.0	16
63	Molecular cloning and protein expression of Duchenne muscular dystrophy gene products in porcine retina. Neuromuscular Disorders, 2005, 15, 476-487.	0.3	9
64	A role of melanin-concentrating hormone producing neurons in the central regulation of paradoxical sleep. BMC Neuroscience, 2003, 4, 19.	0.8	379
65	Targeted inactivation of dystrophin gene product Dp71: phenotypic impact in mouse retina. Human Molecular Genetics, 2003, 12, 1543-1554.	1.4	121
66	The rat ponto-medullary network responsible for paradoxical sleep onset and maintenance: a combined microinjection and functional neuroanatomical study. European Journal of Neuroscience, 2002, 16, 1959-1973.	1.2	302