Marie-Paule Felder-Schmittbuhl

List of Publications by Year
in descending order

36 papers	1,204 citations	471509 17 h-index	414414 32 g-index
38 all docs	38 docs citations	38 times ranked	1485 citing authors

#	Article	IF	Citations
1	Circadian clocks, retinogenesis and ocular health in vertebrates: new molecular insights. Developmental Biology, 2022, 484, 40-56.	2.0	5
2	Core circadian clock genes Per1 and Per2 regulate the rhythm in photoreceptor outer segment phagocytosis. FASEB Journal, 2021, 35, e21722.	0.5	17
3	Melatonin and the circadian system: Keys for health with a focus on sleep. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 331-343.	1.8	19
4	Dark-adapted light response in mice is regulated by a circadian clock located in rod photoreceptors. Experimental Eye Research, 2021, 213, 108807.	2.6	5
5	Major role of MT2 receptors in the beneficial effect of melatonin on long-term recognition memory in C57BL/6J male mice. Hormones and Behavior, 2021, 136, 105076.	2.1	5
6	The circadian clock regulates RPE-mediated lactate transport via SLC16A1 (MCT1). Experimental Eye Research, 2020, 190, 107861.	2.6	13
7	Core-clock genes Period 1 and 2 regulate visual cascade and cell cycle components during mouse eye development. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194623.	1.9	10
8	Rev-ErbÎ± and Photoreceptor Outer Segments modulate the Circadian Clock in Retinal Pigment Epithelial Cells. Scientific Reports, 2019, 9, 11790.	3.3	14
9	Does the circadian clock make RPE-mediated ion transport â€œtickâ€•via SLC12A2 (NKCC1)?. Chronobiology International, 2019, 36, 1592-1598.	2.0	5
10	Rods contribute to the light-induced phase shift of the retinal clock in mammals. PLoS Biology, 2019, 17, e2006211.	5.6	25
11	A suprachiasmatic-independent circadian clock(s) in the habenula is affected by Per gene mutations and housing light conditions in mice. Brain Structure and Function, 2019, 224, 19-31.	2.3	19
12	Ocular Clocks: Adapting Mechanisms for Eye Functions and Health. , 2018, 59, 4856.		61
13	Circadian rhythms of hedonic drinking behavior in mice. Neuroscience, 2017, 349, 229-238.	2.3	30
14	Revâ€Erbî± modulates retinal visual processing and behavioral responses to light. FASEB Journal, 2016, 30, 3690-3701.	0.5	26
15	Circadian clocks in rat skin and dermal fibroblasts: differential effects of aging, temperature and melatonin. Cellular and Molecular Life Sciences, 2015, 72, 2237-2248.	5.4	35
16	Circadian organization of the rodent retina involves strongly coupled, layerâ€specific oscillators. FASEB Journal, 2015, 29, 1493-1504.	0.5	45
17	Rat retina shows robust circadian expression of clock and clock output genes in explant culture. Molecular Vision, 2014, 20, 742-52.	1.1	11
18	Mice lacking Period 1 and Period 2 circadian clock genes exhibit blue cone photoreceptor defects. European Journal of Neuroscience, 2013, 37, 1048-1060.	2.6	32

#	Article	IF	Citations
19	Prolonged light exposure induces widespread phase shifting in the circadian clock and visual pigment gene expression of the Arvicanthis ansorgei retina. Molecular Vision, 2013, 19, 1060-73.	1.1	15
20	Human skin keratinocytes, melanocytes, and fibroblasts contain distinct circadian clock machineries. Cellular and Molecular Life Sciences, 2012, 69, 3329-3339.	5.4	81
21	Rat photoreceptor circadian oscillator strongly relies on lighting conditions. European Journal of Neuroscience, 2011, 34, 507-516.	2.6	39
22	Combinatorial Regulation of Photoreceptor Differentiation Factor, Neural Retina Leucine Zipper Gene Nrl, Revealed by in Vivo Promoter Analysis. Journal of Biological Chemistry, 2011, 286, 28247-28255.	3.4	33
23	A Noradrenergic Sensitive Endogenous Clock Is Present in the Rat Pineal Gland. Neuroendocrinology, 2011, 94, 75-83.	2.5	17
24	The Cerebellum Harbors a Circadian Oscillator Involved in Food Anticipation. Journal of Neuroscience, 2010, 30, 1894-1904.	3.6	102
25	Circadian-clock driven cone-like photoreceptor phagocytosis in the neural retina leucine zipper gene knockout mouse. Molecular Vision, 2010, 16, 2873-81.	1.1	9
26	Endogenous rhythmicity of Bmal1 and Revâ€erbÎ± in the hamster pineal gland is not driven by norepinephrine. European Journal of Neuroscience, 2009, 29, 2009-2016.	2.6	17
27	FGF19 Exhibits Neuroprotective Effects on Adult Mammalian Photoreceptors In Vitro. , 2008, 49, 1696.		22
28	GSK-3-Mediated Phosphorylation Enhances Maf-Transforming Activity. Molecular Cell, 2007, 28, 584-597.	9.7	102
29	MafA transcription factor is phosphorylated by p38 MAP kinase. FEBS Letters, 2005, 579, 3547-3554.	2.8	41
30	Comparison of maf gene expression patterns during chick embryo development. Gene Expression Patterns, 2004, 4, 35-46.	0.8	69
31	Phosphorylation of MafA Is Essential for Its Transcriptional and Biological Properties. Molecular and Cellular Biology, 2001, 21, 4441-4452.	2.3	85
32	Interaction of Maf Transcription Factors with Pax-6 Results in Synergistic Activation of the Glucagon Promoter. Journal of Biological Chemistry, 2001, 276, 35751-35760.	3.4	80
33	Characterization of a novel quiescence responsive element downregulated by v-Src in the promoter of the neuroretina specific QR1 gene. Oncogene, 2000, 19, 4736-4745.	5.9	4
34	mafA, a novel member of the maf proto-oncogene family, displays developmental regulation and mitogenic capacity in avian neuroretina cells. Oncogene, 1998, 17, 247-254.	5.9	72
35	Characterization of a Leucine Zipper-containing Protein Identified by Retroviral Insertion in Avian Neuroretina Cells. Journal of Biological Chemistry, 1996, 271, 30790-30797.	3.4	22
36	The retinal clock in mammals: role in health and disease. ChronoPhysiology and Therapy, 0, Volume 7, 33-45.	0.5	17