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	GSK-3-Mediated Phosphorylation Enhances Maf-Transforming Activity. Molecular Cell, 2007, 28, 584-597.	9.7	102
2	The Cerebellum Harbors a Circadian Oscillator Involved in Food Anticipation. Journal of Neuroscience, 2010, 30, 1894-1904.	3.6	102
3	Phosphorylation of MafA Is Essential for Its Transcriptional and Biological Properties. Molecular and Cellular Biology, 2001, 21, 4441-4452.	2.3	85
4	Human skin keratinocytes, melanocytes, and fibroblasts contain distinct circadian clock machineries. Cellular and Molecular Life Sciences, 2012, 69, 3329-3339.	5.4	81
5	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
6	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
7	Comparison of maf gene expression patterns during chick embryo development. Gene Expression Patterns, 2004, 4, 35-46.	0.8	69
8	Ocular Clocks: Adapting Mechanisms for Eye Functions and Health. , 2018, 59, 4856.		61
9	Circadian organization of the rodent retina involves strongly coupled, layerâ€specific oscillators. FASEB Journal, 2015, 29, 1493-1504.	0.5	45
10	MafA transcription factor is phosphorylated by p38 MAP kinase. FEBS Letters, 2005, 579, 3547-3554.	2.8	41
11	Rat photoreceptor circadian oscillator strongly relies on lighting conditions. European Journal of Neuroscience, 2011, 34, 507-516.	2.6	39
12	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
13	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
14	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
15	Circadian rhythms of hedonic drinking behavior in mice. Neuroscience, 2017, 349, 229-238.	2.3	30
16	Revâ€Erbî± modulates retinal visual processing and behavioral responses to light. FASEB Journal, 2016, 30, 3690-3701.	0.5	26
17	Rods contribute to the light-induced phase shift of the retinal clock in mammals. PLoS Biology, 2019, 17, e2006211.	5.6	25
18	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

#	Article	IF	Citations
19	FGF19 Exhibits Neuroprotective Effects on Adult Mammalian Photoreceptors In Vitro. , 2008, 49, 1696.		22
20	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
21	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
22	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
23	A Noradrenergic Sensitive Endogenous Clock Is Present in the Rat Pineal Gland. Neuroendocrinology, 2011, 94, 75-83.	2.5	17
24	The retinal clock in mammals: role in health and disease. ChronoPhysiology and Therapy, 0, Volume 7, 33-45.	0.5	17
25	Core circadian clock genes Per1 and Per2 regulate the rhythm in photoreceptor outer segment phagocytosis. FASEB Journal, 2021, 35, e21722.	0.5	17
26	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
27	Rev-ErbÎ± and Photoreceptor Outer Segments modulate the Circadian Clock in Retinal Pigment Epithelial Cells. Scientific Reports, 2019, 9, 11790.	3.3	14
28	The circadian clock regulates RPE-mediated lactate transport via SLC16A1 (MCT1). Experimental Eye Research, 2020, 190, 107861.	2.6	13
29	Rat retina shows robust circadian expression of clock and clock output genes in explant culture. Molecular Vision, 2014, 20, 742-52.	1.1	11
30	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
31	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
32	Does the circadian clock make RPE-mediated ion transport â€œtickâ€•via SLC12A2 (NKCC1)?. Chronobiology International, 2019, 36, 1592-1598.	2.0	5
33	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
34	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
35	Circadian clocks, retinogenesis and ocular health in vertebrates: new molecular insights. Developmental Biology, 2022, 484, 40-56.	2.0	5
36	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