

# Erik Maronde

## List of Publications by Year in descending order

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76  
papers

3,482  
citations

126907

33  
h-index

155660

55  
g-index

78  
all docs

78  
docs citations

78  
times ranked

4333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass Spectrometry analysis of the human pineal proteome during night and day and in autism. Journal of Pineal Research, 2021, 70, e12713.	7.4	4
2	Cyclic Nucleotide (cNMP) Analogues: Past, Present and Future. International Journal of Molecular Sciences, 2021, 22, 12879.	4.1	2
3	Influence of Phosphodiesterase Inhibition on CRE- and EGR1-Dependent Transcription in a Mouse Hippocampal Cell Line. International Journal of Molecular Sciences, 2020, 21, 8658.	4.1	4
4	Hematopoietic-Extrinsic Cues Dictate Circadian Redistribution of Mature and Immature Hematopoietic Cells in Blood and Spleen. Cells, 2019, 8, 1033.	4.1	11
5	Altered laryngeal morphology in Period1 deficient mice. Annals of Anatomy, 2019, 223, 43-48.	1.9	2
6	Coupling the Circadian Clock to Homeostasis: The Role of Period in Timing Physiology. Endocrine Reviews, 2019, 40, 66-95.	20.1	41
7	Trehalose Activates CRE-Dependent Transcriptional Signaling in HT22 Mouse Hippocampal Neuronal Cells: A Central Role for PKA Without cAMP Elevation. Frontiers in Molecular Neuroscience, 2018, 11, 386.	2.9	2
8	Clocking In Time to Gate Memory Processes: The Circadian Clock Is Part of the Ins and Outs of Memory. Neural Plasticity, 2018, 2018, 1-11.	2.2	33
9	Disruption of melatonin synthesis is associated with impaired 14-3-3 and miR-451 levels in patients with autism spectrum disorders. Scientific Reports, 2017, 7, 2096.	3.3	83
10	Heritability of the melatonin synthesis variability in autism spectrum disorders. Scientific Reports, 2017, 7, 17746.	3.3	28
11	<i>Period1</i> gates the circadian modulation of memory-relevant signaling in mouse hippocampus by regulating the nuclear shuttling of the CREB kinase p90RSK. Journal of Neurochemistry, 2016, 138, 731-745.	3.9	63
12	The clock gene <i>Period1</i> regulates innate routine behaviour in mice. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140784.	2.6	0
13	The clock gene <i>Period1</i> regulates innate routine behaviour in mice. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140034.	2.6	10
14	Crystal structure and functional mapping of human ASMT, the last enzyme of the melatonin synthesis pathway. Journal of Pineal Research, 2013, 54, 46-57.	7.4	51
15	Alleviation of autophagy by knockdown of Beclin-1 enhances susceptibility of hippocampal neurons to proapoptotic signals induced by amino acid starvation. Histochemistry and Cell Biology, 2013, 139, 99-108.	1.7	7
16	Differential topochemistry of three cationic amino acid transporter proteins, hCAT1, hCAT2 and hCAT3, in the adult human brain. Amino Acids, 2013, 44, 423-433.	2.7	11
17	Clock Gene Expression in the Human Pituitary Gland. Endocrinology, 2013, 154, 2046-2057.	2.8	22
18	Increased Neuronal Injury in Clock Gene Per-1 Deficient-Mice after Cerebral Ischemia. Current Neurovascular Research, 2013, 10, 112-125.	1.1	29

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19	Expression and Functional Relevance of Cannabinoid Receptor 1 in Hodgkin Lymphoma. <i>PLoS ONE</i> , 2013, 8, e81675.	2.5	27
20	The Detection of Surfactant Proteins A, B, C and D in the Human Brain and Their Regulation in Cerebral Infarction, Autoimmune Conditions and Infections of the CNS. <i>PLoS ONE</i> , 2013, 8, e74412.	2.5	35
21	The hormonal Zeitgeber melatonin: role as a circadian modulator in memory processing. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 27.	2.9	45
22	A survey of molecular details in the human pineal gland in the light of phylogeny, structure, function and chronobiological diseases. <i>Journal of Pineal Research</i> , 2011, 51, 17-43.	7.4	347
23	Dynamics in enzymatic protein complexes offer a novel principle for the regulation of melatonin synthesis in the human pineal gland. <i>Journal of Pineal Research</i> , 2011, 51, 145-155.	7.4	45
24	Palmitoylethanolamide Protects Dentate Gyrus Granule Cells via Peroxisome Proliferator-Activated Receptor-Alpha. <i>Neurotoxicity Research</i> , 2011, 19, 330-340.	2.7	42
25	Early growth response-1 induction by fibroblast growth factor-1 via increase of mitogen-activated protein kinase and inhibition of protein kinase B in hippocampal neurons. <i>British Journal of Pharmacology</i> , 2010, 160, 1621-1630.	5.4	22
26	The Clock Genes Period 2 and Cryptochrome 2 Differentially Balance Bone Formation. <i>PLoS ONE</i> , 2010, 5, e11527.	2.5	94
27	N-terminal acetylation protects glucagon-like peptide GLP-1-(7-34)-amide from DPP-IV-mediated degradation retaining cAMP- and insulin-releasing capacity. <i>European Journal of Medical Research</i> , 2008, 13, 73-8.	2.2	37
28	Tissue inhibitor of metalloproteinases II (TIMP-2) is an osteoanabolic factor in vitro and in vivo. <i>European Journal of Medical Research</i> , 2008, 13, 292-8.	2.2	1
29	The mammalian pineal gland: known facts, unknown facets. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 142-149.	7.1	141
30	Activation of Human Periodâ€1 by PKA or CLOCK/BMAL1 Is Conferred by Separate Signal Transduction Pathways. <i>Chronobiology International</i> , 2007, 24, 783-792.	2.0	20
31	Transcription factor dynamics in pineal gland and liver of the Syrian hamster ( <i>Mesocricetus auratus</i> ) adapts to prevailing photoperiod. <i>Journal of Pineal Research</i> , 2007, 43, 16-24.	7.4	9
32	Intermittent administration of the circulating form of human parathyroid hormone (hPTH-1-37) prevents bone loss in ovariectomized rats. <i>European Journal of Medical Research</i> , 2007, 12, 13-20.	2.2	2
33	The novel Î²-defensin DEFB123 prevents lipopolysaccharideâ€mediated effects <i>in vitro</i> and <i>in vivo</i> . <i>FASEB Journal</i> , 2006, 20, 1701-1702.	0.5	88
34	Discovery of Novel Regulatory Peptides by Reverse Pharmacology: Spotlight on Chemerin and the RF-amide Peptides Metastin and QRFP. <i>Current Protein and Peptide Science</i> , 2005, 6, 265-278.	1.4	21
35	Isolation and Characterization of a Novel Proopiomelanocortin-Derived Peptide from Hemofiltrate of Chronic Renal Failure Patients. <i>Endocrinology</i> , 2005, 146, 2060-2068.	2.8	12
36	Matrixmetalloproteinases (MMPS) and their inhibitors (TIMPS) in bone regeneration. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2005, 34, 74.	1.5	0

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37	Effects of the renal natriuretic peptide urodilatin (ularitide) in patients with decompensated chronic heart failure: A double-blind, placebo-controlled, ascending-dose trial. <i>American Heart Journal</i> , 2005, 150, 1239.e1-1239.e8.	2.7	98
38	Cooperative Activation of Lipolysis by Protein Kinase A and Protein Kinase C Pathways in 3T3-L1 Adipocytes. <i>Endocrinology</i> , 2004, 145, 4940-4947.	2.8	47
39	Identification and functional characterization of hemorphins VV-H-7 and LVV-H-7 as low-affinity agonists for the orphan bombesin receptor subtype 3. <i>British Journal of Pharmacology</i> , 2003, 138, 1431-1440.	5.4	34
40	Isolation and biochemical characterization of LEAP-2, a novel blood peptide expressed in the liver. <i>Protein Science</i> , 2003, 12, 143-152.	7.6	161
41	Oscillation of Human Period 1 (hPER1) Reporter Gene Activity in Human Neuroblastoma Cells In Vivo. <i>Chronobiology International</i> , 2003, 20, 671-681.	2.0	17
42	The circadian clock as a molecular calendar. <i>Chronobiology International</i> , 2002, 19, 507-516.	2.0	44
43	Signal Transduction in The Rodent Pineal Organ. <i>Advances in Experimental Medicine and Biology</i> , 2002, 460, 109-131.	1.6	17
44	Protein kinase G I immunoreaction is colocalized with arginine-vasopressin immunoreaction in the rat suprachiasmatic nucleus. <i>Neuroscience Letters</i> , 2002, 334, 119-122.	2.1	15
45	Transcription factor CREB and its stimulus-dependent phosphorylation in cell and explant cultures of the bovine subcommissural organ. <i>Cell and Tissue Research</i> , 2002, 308, 131-142.	2.9	10
46	Effects of neuroactive substances on the activity of subcommissural organ cells in dispersed cell and explant cultures. <i>Cell and Tissue Research</i> , 2002, 307, 101-114.	2.9	14
47	Analyses of Signal Transduction Cascades Reveal an Essential Role of Calcium Ions for Regulation of Melatonin Biosynthesis in the Light-Sensitive Pineal Organ of the Rainbow Trout ( <i>Oncorhynchus</i> ) <i>J Neuroendocrinol</i> 2002; 14: 107-114	1.0	13
48	The Human PER1 Gene is Inducible by Interleukin-6. <i>Journal of Molecular Neuroscience</i> , 2002, 18, 105-110.	2.3	63
49	Direct comparison of the potency of three novel cAMP analogs to induce CREB-phosphorylation in rat pinealocytes. <i>Journal of Pineal Research</i> , 2001, 31, 183-185.	7.4	6
50	Cellular localization, membrane distribution, and possible function of guanylyl cyclases A and 1 in collecting ducts of rat. <i>Cardiovascular Research</i> , 2001, 51, 553-561.	3.8	16
51	Human natriuretic peptides exhibit antimicrobial activity. <i>European Journal of Medical Research</i> , 2001, 6, 215-8.	2.2	18
52	Antisense experiments reveal molecular details on mechanisms of ICER suppressing cAMP-inducible genes in rat pinealocytes. <i>Journal of Pineal Research</i> , 2000, 29, 24-33.	7.4	25
53	Cyclic nucleotide analogs as biochemical tools and prospective drugs. <i>Journal of Pineal Research</i> , 2000, 29, 199-226.		226
54	Expression and cell-specific localization of the cholecystokinin B/gastrin receptor in the human stomach. <i>Cell and Tissue Research</i> , 2000, 299, 289-298.	2.9	56

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55	Neurofilament H immunoreaction in oligodendrogliomas as demonstrated by a new polyclonal antibody. <i>Acta Neuropathologica</i> , 2000, 100, 122-130.	7.7	12
56	The human PER1 gene is transcriptionally regulated by multiple signaling pathways. <i>FEBS Letters</i> , 2000, 486, 315-319.	2.8	67
57	Expression and cell-specific localization of the cholecystokinin B/gastrin receptor in the human stomach. <i>Cell and Tissue Research</i> , 2000, 299, 289-298.	2.9	29
58	Transcription Factors in Neuroendocrine Regulation: Rhythmic Changes in pCREB and ICER Levels Frame Melatonin Synthesis. <i>Journal of Neuroscience</i> , 1999, 19, 3326-3336.	3.6	118
59	Inducible Cyclic AMP Early Repressor Protein in Rat Pinealocytes: A Highly Sensitive Natural Reporter for Regulated Gene Transcription. <i>Molecular Pharmacology</i> , 1999, 56, 279-289.	2.3	38
60	A Semiquantitative Image-analytical Method for the Recording of Dose-Response Curves in Immunocytochemical Preparations. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 411-419.	2.5	36
61	CREB phosphorylation and melatonin biosynthesis in the rat pineal gland: Involvement of cyclic AMP dependent protein kinase type II. <i>Journal of Pineal Research</i> , 1999, 27, 170-182.	7.4	53
62	Activated Protein Kinase A Is Required for Differentiation-Dependent Transcription of the Decidual Prolactin Gene in Human Endometrial Stromal Cells. <i>Endocrinology</i> , 1997, 138, 929-937.	2.8	137
63	Stimulation of a nicotinic ACh receptor causes depolarization and activation of L-type Ca <sup>2+</sup> channels in rat pinealocytes. <i>Journal of Physiology</i> , 1997, 499, 329-340.	2.9	47
64	Control of CREB phosphorylation and its role for induction of melatonin synthesis in rat pinealocytes*. <i>Biology of the Cell</i> , 1997, 89, 505-511.	2.0	38
65	Melatonin Synthesis in the Bovine Pineal Gland Is Regulated by Type II Cyclic AMP-Dependent Protein Kinase. <i>Journal of Neurochemistry</i> , 1997, 68, 770-777.	3.9	14
66	Activated Protein Kinase A Is Required for Differentiation-Dependent Transcription of the Decidual Prolactin Gene in Human Endometrial Stromal Cells. <i>Endocrinology</i> , 1997, 138, 929-937.	2.8	40
67	Signal transduction molecules in the rat pineal Organ: Ca <sup>2+</sup> , pCREB, and ICER. <i>Die Naturwissenschaften</i> , 1996, 83, 535-543.	1.6	41
68	Vasoactive intestinal peptide (VIP) and pituitary adenylate cyclase-activating polypeptide (PACAP) induce phosphorylation of the transcription factor CREB in subpopulations of rat pinealocytes: immunocytochemical and immunochemical evidence. <i>Cell and Tissue Research</i> , 1996, 286, 305-313.	2.9	59
69	Expression of C-type Natriuretic Peptide in the Bovine Pineal Gland. <i>Journal of Neurochemistry</i> , 1996, 67, 517-524.	3.9	22
70	Signal Transduction Molecules in the Rat Pineal Organ: Ca <sup>2+</sup> , pCREB, and ICER. <i>Die Naturwissenschaften</i> , 1996, 83, 535-543.	1.6	5
71	The Effect of NO-Donors in Bovine and Rat Pineal Cells: Stimulation of cGMP and cGMP-Independent Inhibition of Melatonin Synthesis. <i>Journal of Neuroendocrinology</i> , 1995, 7, 207-214.	2.6	32
72	Novel (Rp)-cAMPS Analogs as Tools for Inhibition of cAMP-kinase in Cell Culture. <i>Journal of Biological Chemistry</i> , 1995, 270, 20599-20607.	3.4	219

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73	Preparations ofRp-cyclic adenosine 3',5'-phosphorothioate (Rp-cAMPS) can contain biologically active amounts of adenosine. FEBS Letters, 1993, 318, 227-230.	2.8	5
74	The genetic subtypes of cAMP-dependent protein kinase $\alpha$ Functionally different or redundant?. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1178, 249-258.	4.1	138
75	Differential effects of two structurally related N6-substituted cAMP analogues on C6 glioma cells. European Journal of Cell Biology, 1993, 60, 351-7.	3.6	8
76	Unhydrolyzable analogues of adenosine 3':5'-monophosphate demonstrating growth inhibition and differentiation in human cancer cells. Cancer Research, 1992, 52, 2504-8.	0.9	40