

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	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
2	Cyclic nucleotide analogs as biochemical tools and prospective drugs. , 2000, 87, 199-226.		226
3	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
4	Isolation and biochemical characterization of LEAPâ€², a novel blood peptide expressed in the liver. <i>Protein Science</i> , 2003, 12, 143-152.	7.6	161
5	The mammalian pineal gland: known facts, unknown facets. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 142-149.	7.1	141
6	The genetic subtypes of cAMP-dependent protein kinase â€” Functionally different or redundant?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1178, 249-258.	4.1	138
7	Activated Protein Kinase A Is Required for Differentiation-Dependent Transcription of the Decidual Prolactin Gene in Human Endometrial Stromal Cells¹. <i>Endocrinology</i> , 1997, 138, 929-937.	2.8	137
8	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
9	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
10	The Clock Genes Period 2 and Cryptochrome 2 Differentially Balance Bone Formation. <i>PLoS ONE</i> , 2010, 5, e11527.	2.5	94
11	The novel Î²â€²-defensin DEFB123 prevents lipopolysaccharideâ€²-mediated effects<i>in vitro</i>and<i>in vivo</i>. <i>FASEB Journal</i> , 2006, 20, 1701-1702.	0.5	88
12	Disruption of melatonin synthesis is associated with impaired 14-3-3 and miR-451 levels in patients with autism spectrum disorders. <i>Scientific Reports</i> , 2017, 7, 2096.	3.3	83
13	The human PER1 gene is transcriptionally regulated by multiple signaling pathways. <i>FEBS Letters</i> , 2000, 486, 315-319.	2.8	67
14	The Human PER1 Gene is Inducible by Interleukin-6. <i>Journal of Molecular Neuroscience</i> , 2002, 18, 105-110.	2.3	63
15	<i>Period1</i> gates the circadian modulation of memoryâ€²relevant signaling in mouse hippocampus by regulating the nuclear shuttling of the CREB kinase pP90RSK. <i>Journal of Neurochemistry</i> , 2016, 138, 731-745.	3.9	63
16	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
17	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
18	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

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19	Crystal structure and functional mapping of human ASMT, the last enzyme of the melatonin synthesis pathway. <i>Journal of Pineal Research</i> , 2013, 54, 46-57.	7.4	51
20	Stimulation of a nicotinic ACh receptor causes depolarization and activation of L-type Ca ²⁺ channels in rat pinealocytes. <i>Journal of Physiology</i> , 1997, 499, 329-340.	2.9	47
21	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
22	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
23	The hormonal Zeitgeber melatonin: role as a circadian modulator in memory processing. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 27.	2.9	45
24	The circadian clock as a molecular calendar. <i>Chronobiology International</i> , 2002, 19, 507-516.	2.0	44
25	Palmitoylethanolamide Protects Dentate Gyrus Granule Cells via Peroxisome Proliferator-Activated Receptor-Alpha. <i>Neurotoxicity Research</i> , 2011, 19, 330-340.	2.7	42
26	Signal transduction molecules in the rat pineal Organ: Ca ²⁺ , pCREB, and ICER. <i>Die Naturwissenschaften</i> , 1996, 83, 535-543.	1.6	41
27	Coupling the Circadian Clock to Homeostasis: The Role of Period in Timing Physiology. <i>Endocrine Reviews</i> , 2019, 40, 66-95.	20.1	41
28	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
29	Unhydrolyzable analogues of adenosine 3':5'-monophosphate demonstrating growth inhibition and differentiation in human cancer cells. <i>Cancer Research</i> , 1992, 52, 2504-8.	0.9	40
30	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
31	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
32	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
33	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
34	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
35	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
36	Clocking In Time to Gate Memory Processes: The Circadian Clock Is Part of the Ins and Outs of Memory. <i>Neural Plasticity</i> , 2018, 2018, 1-11.	2.2	33

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37	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
38	Increased Neuronal Injury in Clock Gene Per-1 Deficient-Mice after Cerebral Ischemia. <i>Current Neurovascular Research</i> , 2013, 10, 112-125.	1.1	29
39	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
40	Heritability of the melatonin synthesis variability in autism spectrum disorders. <i>Scientific Reports</i> , 2017, 7, 17746.	3.3	28
41	Expression and Functional Relevance of Cannabinoid Receptor 1 in Hodgkin Lymphoma. <i>PLoS ONE</i> , 2013, 8, e81675.	2.5	27
42	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
43	Expression of C&Etype Natriuretic Peptide in the Bovine Pineal Gland. <i>Journal of Neurochemistry</i> , 1996, 67, 517-524.	3.9	22
44	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
45	Clock Gene Expression in the Human Pituitary Gland. <i>Endocrinology</i> , 2013, 154, 2046-2057.	2.8	22
46	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
47	Activation of Human Period&E1 by PKA or CLOCK/BMAL1 Is Conferred by Separate Signal Transduction Pathways. <i>Chronobiology International</i> , 2007, 24, 783-792.	2.0	20
48	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>) Tj ETQq0 0 0 rgBT, Overlock&E0 Tf 50 2		
49	Human natriuretic peptides exhibit antimicrobial activity. <i>European Journal of Medical Research</i> , 2001, 6, 215-8.	2.2	18
50	Signal Transduction in The Rodent Pineal Organ. <i>Advances in Experimental Medicine and Biology</i> , 2002, 460, 109-131.	1.6	17
51	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
52	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
53	Protein kinase C I immunoreaction is colocalized with arginine-vasopressin immunoreaction in the rat suprachiasmatic nucleus. <i>Neuroscience Letters</i> , 2002, 334, 119-122.	2.1	15
54	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

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55	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
56	Neurofilament H immunoreaction in oligodendrogliomas as demonstrated by a new polyclonal antibody. <i>Acta Neuropathologica</i> , 2000, 100, 122-130.	7.7	12
57	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
58	Differential topochemistry of three cationic amino acid transporter proteins, hCAT1, hCAT2 and hCAT3, in the adult human brain. <i>Amino Acids</i> , 2013, 44, 423-433.	2.7	11
59	Hematopoietic-Extrinsic Cues Dictate Circadian Redistribution of Mature and Immature Hematopoietic Cells in Blood and Spleen. <i>Cells</i> , 2019, 8, 1033.	4.1	11
60	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
61	The clock gene <i>Period1</i> regulates innate routine behaviour in mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140034.	2.6	10
62	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
63	Differential effects of two structurally related N6-substituted cAMP analogues on C6 glioma cells. <i>European Journal of Cell Biology</i> , 1993, 60, 351-7.	3.6	8
64	Alleviation of autophagy by knockdown of Beclin-1 enhances susceptibility of hippocampal neurons to proapoptotic signals induced by amino acid starvation. <i>Histochemistry and Cell Biology</i> , 2013, 139, 99-108.	1.7	7
65	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
66	Preparations of Rp-cyclic adenosine 3',5'-phosphorothioate (Rp-cAMPS) can contain biologically active amounts of adenosine. <i>FEBS Letters</i> , 1993, 318, 227-230.	2.8	5
67	Signal Transduction Molecules in the Rat Pineal Organ: Ca ²⁺ , pCREB, and ICER. <i>Die Naturwissenschaften</i> , 1996, 83, 535-543.	1.6	5
68	Influence of Phosphodiesterase Inhibition on CRE- and EGR1-Dependent Transcription in a Mouse Hippocampal Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8658.	4.1	4
69	Mass spectrometry analysis of the human pineal proteome during night and day and in autism. <i>Journal of Pineal Research</i> , 2021, 70, e12713.	7.4	4
70	Trehalose Activates CRE-Dependent Transcriptional Signaling in HT22 Mouse Hippocampal Neuronal Cells: A Central Role for PKA Without cAMP Elevation. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 386.	2.9	2
71	Altered laryngeal morphology in <i>Period1</i> deficient mice. <i>Annals of Anatomy</i> , 2019, 223, 43-48.	1.9	2
72	Cyclic Nucleotide (cNMP) Analogues: Past, Present and Future. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12879.	4.1	2

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73	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
74	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
75	Matrixmetalloproteinases (MMPS) and their inhibitors (TIMPS) in bone regeneration. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2005, 34, 74.	1.5	0
76	The clock gene <i>Period1</i> regulates innate routine behaviour in mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140784.	2.6	0