

Denis Becquet

List of Publications by Year in descending order

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42
papers

1,082
citations

394421

19
h-index

414414

32
g-index

46
all docs

46
docs citations

46
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct evidence for the link between monoaminergic descending pathways and motor activity. I. A study with microdialysis probes implanted in the ventral funiculus of the spinal cord. <i>Brain Research</i> , 1995, 704, 191-201.	2.2	94
2	Ultrastructural plasticity in the rat suprachiasmatic nucleus. Possible involvement in clock entrainment. <i>Glia</i> , 2008, 56, 294-305.	4.9	82
3	In vivo evidence for an inhibitory glutamatergic control of serotonin release in the cat caudate nucleus: involvement of GABA neurons. <i>Brain Research</i> , 1990, 519, 82-88.	2.2	75
4	Influence of the Corticosterone Rhythm on Photic Entrainment of Locomotor Activity in Rats. <i>Journal of Biological Rhythms</i> , 2004, 19, 144-156.	2.6	73
5	Impairment of serotonergic transmission is followed by adaptive changes in 5HT1B binding sites in the rat suprachiasmatic nucleus. <i>Brain Research</i> , 1994, 663, 93-100.	2.2	43
6	Glutamate, GABA, glycine and taurine modulate serotonin synthesis and release in rostral and caudal rhombencephalic raphe cells in primary cultures. <i>Neurochemistry International</i> , 1993, 23, 269-283.	3.8	40
7	Daily changes in synaptic innervation of VIP neurons in the rat suprachiasmatic nucleus: contribution of glutamatergic afferents. <i>European Journal of Neuroscience</i> , 2010, 31, 359-370.	2.6	40
8	The role of serotonin release and autoreceptors in the dorsalis raphe nucleus in the control of serotonin release in the cat caudate nucleus. <i>Neuroscience</i> , 1990, 39, 639-647.	2.3	39
9	RNA Pull-down Procedure to Identify RNA Targets of a Long Non-coding RNA. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	39
10	Neuroglial and synaptic rearrangements associated with photic entrainment of the circadian clock in the suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2010, 32, 2133-2142.	2.6	38
11	Chromatin remodeling as a mechanism for circadian prolactin transcription: rhythmic NONO and SFPQ recruitment to HLF. <i>FASEB Journal</i> , 2011, 25, 2740-2756.	0.5	36
12	Circadian RNA expression elicited by 3'UTR IRAlu-paraspeckle associated elements. <i>ELife</i> , 2016, 5, .	6.0	35
13	Serotonin directly stimulates luteinizing hormone-releasing hormone release from GT1-1 cells via 5-HT7 receptors. <i>Endocrine</i> , 1997, 7, 261-265.	2.2	33
14	Striatal proenkephalin turnover and gene transcription are regulated by cyclic AMP and protein kinase c-related pathways. <i>Neuroscience</i> , 1991, 43, 67-79.	2.3	30
15	Serotonin synthesis in adrenochromaffin cells. <i>Neuroscience</i> , 1992, 46, 495-500.	2.3	29
16	Circadian processes in the RNA life cycle. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1467.	6.4	29
17	Circadian Binding Activity of AP-1, a Regulator of the Arylalkylamine N-Acetyltransferase Gene in the Rat Pineal Gland, Depends on Circadian Fra-2, c-Jun, and Jun-D Expression and Is Regulated by the Clock's Zeitgebers. <i>Journal of Neurochemistry</i> , 2002, 75, 1398-1407.	3.9	28
18	Brain-derived neurotrophic factor/TrkB signaling regulates daily astroglial plasticity in the suprachiasmatic nucleus: Electron microscopic evidence in mouse. <i>Glia</i> , 2013, 61, 1172-1177.	4.9	26

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19	N-Methyl-d-Aspartic Acid/Glycine Interactions on the Control of 5-Hydroxytryptamine Release in Raphe Primary Cultures. <i>Journal of Neurochemistry</i> , 1993, 61, 1692-1697.	3.9	23
20	Reply from Dr. G. Lucas and Dr. U. Spampinato. <i>Journal of Neurochemistry</i> , 2008, 75, 886-886.	3.9	22
21	Effect of Diabetes on in vivo and in vitro Hypothalamic Somatostatin Release. <i>Neuroendocrinology</i> , 1992, 55, 485-491.	2.5	20
22	Structural plasticity of the circadian timing system. An overview from flies to mammals. <i>Frontiers in Neuroendocrinology</i> , 2015, 38, 50-64.	5.2	19
23	Long-term variations of AP-1 composition after CRH stimulation: consequence on POMC gene regulation. <i>Molecular and Cellular Endocrinology</i> , 2001, 175, 93-100.	3.2	18
24	Adrenergic inducibility of AP-1 binding in the rat pineal gland depends on prior photoperiod. <i>Journal of Neurochemistry</i> , 2002, 83, 157-166.	3.9	16
25	DNA Microarray Analysis and Functional Profile of Pituitary Transcriptome Under Core-Clock Protein BMAL1 Control. <i>Chronobiology International</i> , 2012, 29, 103-130.	2.0	16
26	Evidence for an internal and functional circadian clock in rat pituitary cells. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 888-898.	3.2	14
27	Light-Induced Variations in AP-1 Binding Activity and Composition in the Rat Suprachiasmatic Nucleus. <i>Journal of Neurochemistry</i> , 1999, 72, 841-847.	3.9	13
28	Nocturnal expression of phosphorylated-ERK1/2 in gastrin-releasing peptide neurons of the rat suprachiasmatic nucleus. <i>Journal of Neurochemistry</i> , 2007, 101, 1224-1235.	3.9	13
29	In vivo evidence for acetylcholine control of serotonin release in the cat caudate nucleus: influence of halothane anaesthesia. <i>Neuroscience</i> , 1988, 27, 819-826.	2.3	12
30	Stimulatory Effects of 5HT _{1A} Receptor Agonists on Luteinizing Hormone-Releasing Hormone Release from Cultured Fetal Rat Hypothalamic Cells: Interactions with Progesterone. <i>Neuroendocrinology</i> , 1995, 61, 11-18.	2.5	12
31	Paraspeckles as rhythmic nuclear mRNA anchorages responsible for circadian gene expression. <i>Nucleus</i> , 2017, 8, 249-254.	2.2	11
32	Effects of thalamic lesion on the bilateral regulation of serotonergic transmission in rat basal ganglia. <i>Journal of Neural Transmission</i> , 1988, 74, 117-128.	2.8	10
33	Vitamin A is a necessary factor for sympathetic- independent rhythmic activation of mitogen-activated protein kinase in the rat pineal gland. <i>European Journal of Neuroscience</i> , 2005, 21, 798-802.	2.6	9
34	Regulation of TRH release by the cultured neonate rat pancreas. <i>Peptides</i> , 1990, 11, 1081-1085.	2.4	8
35	Serotonin synthesis from tryptophan by hypothalamic cells in serum-free medium culture. <i>Developmental Brain Research</i> , 1990, 54, 142-146.	1.7	8
36	Direct RNA-RNA interaction between Neat1 and RNA targets, as a mechanism for RNAs paraspeckle retention. <i>RNA Biology</i> , 2021, 18, 2016-2027.	3.1	8

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37	Post-lesion up-regulation of 5-HT1B binding sites in the suprachiasmatic nucleus may be reversed after spontaneous or graft-induced serotonin reinnervation. <i>Brain Research</i> , 1998, 788, 332-336.	2.2	6
38	Population-specific modulation of 5-HT expression in cultures of embryonic rat rhombencephalon. <i>Journal of Neuroscience Research</i> , 1991, 29, 42-50.	2.9	4
39	Is light-regulated AP-1 binding in the rat suprachiasmatic nucleus gated by the circadian clock?. <i>Molecular Brain Research</i> , 2000, 85, 161-170.	2.3	2
40	Genome-wide screening of circadian and non-circadian impact of <i>Neat1</i> genetic deletion. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2121-2132.	4.1	2
41	Effect of thalamic parafascicularis nucleus stimulation in regulation of serotonergic transmission in the cat caudate nucleus: Involvement of autoreceptors in the dorsalis raphe nucleus. <i>Neuroscience</i> , 1989, 33, 293-300.	2.3	1
42	Neuroglial and synaptic rearrangements associated with photic entrainment of the circadian clock in the suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2011, 33, 1561-1561.	2.6	0