Denis Becquet

List of Publications by Year
in descending order

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 RNAâ€"RNA interaction between Neat1 and RNA targets, as a mechanism for RNAs paraspeckle retention. RNA Biology, 2021, 18, 2016-2027.	3.1	8
2	Genome-wide screening of circadian and non-circadian impact of Neat1 genetic deletion. Computational and Structural Biotechnology Journal, 2021, 19, 2121-2132.	4.1	2
3	RNA Pull-down Procedure to Identify RNA Targets of a Long Non-coding RNA. Journal of Visualized Experiments, 2018, , .	0.3	39
4	Circadian processes in the RNA life cycle. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1467.	6.4	29
5	Paraspeckles as rhythmic nuclear mRNA anchorages responsible for circadian gene expression. Nucleus, 2017, 8, 249-254.	2.2	11
6	Circadian RNA expression elicited by 3â€™-UTR IRAlu-paraspeckle associated elements. ELife, 2016, 5, .	6.0	35
7	Structural plasticity of the circadian timing system. An overview from flies to mammals. Frontiers in Neuroendocrinology, 2015, 38, 50-64.	5.2	19
8	Evidence for an internal and functional circadian clock in rat pituitary cells. Molecular and Cellular Endocrinology, 2014, 382, 888-898.	3.2	14
9	Brainâ€derived neurotrophic factor/TrkB signaling regulates daily astroglial plasticity in the suprachiasmatic nucleus: Electronâ€microscopic evidence in mouse. Glia, 2013, 61, 1172-1177.	4.9	26
10	DNA Microarray Analysis and Functional Profile of Pituitary Transcriptome Under Core-Clock Protein BMAL1 Control. Chronobiology International, 2012, 29, 103-130.	2.0	16
11	Neuroglial and synaptic rearrangements associated with photic entrainment of the circadian clock in the suprachiasmatic nucleus. European Journal of Neuroscience, 2011, 33, 1561-1561.	2.6	0
12	Chromatin remodeling as a mechanism for circadian prolactin transcription: rhythmic NONO and SFPQ recruitment to HLTF. FASEB Journal, 2011, 25, 2740-2756.	0.5	36
13	Daily changes in synaptic innervation of VIP neurons in the rat suprachiasmatic nucleus: contribution of glutamatergic afferents. European Journal of Neuroscience, 2010, 31, 359-370.	2.6	40
14	Neuroglial and synaptic rearrangements associated with photic entrainment of the circadian clock in the suprachiasmatic nucleus. European Journal of Neuroscience, 2010, 32, 2133-2142.	2.6	38
15	Reply from Dr. G. Lucas and Dr. U. Spampinato. Journal of Neurochemistry, 2008, 75, 886-886.	3.9	22
16	Ultrastructural plasticity in the rat suprachiasmatic nucleus. Possible involvement in clock entrainment. Glia, 2008, 56, 294-305.	4.9	82
17	Nocturnal expression of phosphorylated-ERK1/2 in gastrin-releasing peptide neurons of the rat suprachiasmatic nucleus. Journal of Neurochemistry, 2007, 101, 1224-1235.	3.9	13
18	Vitamin A is a necessary factor for sympathetic- independent rhythmic activation of mitogen-activated protein kinase in the rat pineal gland. European Journal of Neuroscience, 2005, 21, 798-802.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Influence of the Corticosterone Rhythm on Photic Entrainment of Locomotor Activity in Rats. Journal of Biological Rhythms, 2004, 19, 144-156.	2.6	73
20	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. Journal of Neurochemistry, 2002, 75, 1398-1407.	3.9	28
21	Adrenergic inducibility of AP-1 binding in the rat pineal gland depends on prior photoperiod. Journal of Neurochemistry, 2002, 83, 157-166.	3.9	16
22	Long-term variations of AP-1 composition after CRH stimulation: consequence on POMC gene regulation. Molecular and Cellular Endocrinology, 2001, 175, 93-100.	3.2	18
23	Is light-regulated AP-1 binding in the rat suprachiasmatic nucleus gated by the circadian clock?. Molecular Brain Research, 2000, 85, 161-170.	2.3	2
24	Light-Induced Variations in AP-1 Binding Activity and Composition in the Rat Suprachiasmatic Nucleus. Journal of Neurochemistry, 1999, 72, 841-847.	3.9	13
25	Post-lesion up-regulation of 5-HT1B binding sites in the suprachiasmatic nucleus may be reversed after spontaneous or graft-induced serotonin reinnervation. Brain Research, 1998, 788, 332-336.	2.2	6
26	Serotonin directly stimulates luteinizing hormone-releasing hormone release from GT1-1 cells via 5-HT7 receptors. Endocrine, 1997, 7, 261-265.	2.2	33
27	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. Brain Research, 1995, 704, 191-201.	2.2	94
28	Stimulatory Effects of 5HT_{1A} Receptor Agonists on Luteinizing Hormone-Releasing Hormone Release from Cultured Fetal Rat Hypothalamic Cells: Interactions with Progesterone. Neuroendocrinology, 1995, 61, 11-18.	2.5	12
29	Impairment of serotoninergic transmission is followed by adaptive changes in 5HT1B binding sites in the rat suprachiasmatic nucleus. Brain Research, 1994, 663, 93-100.	2.2	43
30	N-Methyl-d-Aspartic Acid/Glycine Interactions on the Control of 5-Hydroxytryptamine Release in Raphe Primary Cultures. Journal of Neurochemistry, 1993, 61, 1692-1697.	3.9	23
31	Glutamate, GABA, glycine and taurine modulate serotonin synthesis and release in rostral and caudal rhombencephalic raphe cells in primary cultures. Neurochemistry International, 1993, 23, 269-283.	3.8	40
32	Effect of Diabetes on in vivo and in vitro Hypothalamic Somatostatin Release. Neuroendocrinology, 1992, 55, 485-491.	2.5	20
33	Serotonin synthesis in adrenochromaffin cells. Neuroscience, 1992, 46, 495-500.	2.3	29
34	Striatal proenkephalin turnover and gene transcription are regulated by cyclic AMP and protein kinase c-related pathways. Neuroscience, 1991, 43, 67-79.	2.3	30
35	Population-specific modulation of 5-HT expression in cultures of embryonic rat rhombencephalon. Journal of Neuroscience Research, 1991, 29, 42-50.	2.9	4
36	Regulation of TRH release by the cultured neonate rat pancreas. Peptides, 1990, 11, 1081-1085.	2.4	8

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37	The role of serotonin release and autoreceptors in the dorsalis raphe nucleus in the control of serotonin release in the cat caudate nucleus. Neuroscience, 1990, 39, 639-647.	2.3	39
38	Serotonin synthesis from tryptophan by hypothalamic cells in serum-free medium culture. Developmental Brain Research, 1990, 54, 142-146.	1.7	8
39	In vivo evidence for an inhibitory glutamatergic control of serotonin release in the cat caudate nucleus: involvement of GABA neurons. Brain Research, 1990, 519, 82-88.	2.2	75
40	Effect of thalamic parafascicularis nucleus stimulation in regulation of serotoninergic transmission in the cat caudate nucleus: Involvement of autoreceptors in the dorsalis raphe nucleus. Neuroscience, 1989, 33, 293-300.	2.3	1
41	Effects of thalamic lesion on the bilateral regulation of serotoninergic transmission in rat basal ganglia. Journal of Neural Transmission, 1988, 74, 117-128.	2.8	10
42	In vivo evidence for acetylcholine control of serotonin release in the cat caudate nucleus: influence of halothane anaesthesia. Neuroscience, 1988, 27, 819-826.	2.3	12