

Jean-Claude Beique

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,752
citations

430874

18
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

2659
citing authors

#	ARTICLE	IF	CITATIONS
1	A User's Guide to Generalized Integrate-and-Fire Models. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1359, 69-86.	1.6	2
2	Expansion microscopy-based imaging of nuclear structures in cultured cells. <i>STAR Protocols</i> , 2021, 2, 100630.	1.2	7
3	A Synthetic Likelihood Solution to the Silent Synapse Estimation Problem. <i>Cell Reports</i> , 2020, 32, 107916.	6.4	1
4	Accurate Silent Synapse Estimation from Simulator-Corrected Electrophysiological Data Using the SilentMLE Python Package. <i>STAR Protocols</i> , 2020, 1, 100176.	1.2	0
5	Classes of dendritic information processing. <i>Current Opinion in Neurobiology</i> , 2019, 58, 78-85.	4.2	44
6	Parsing Out the Variability of Transmission at Central Synapses Using Optical Quantal Analysis. <i>Frontiers in Synaptic Neuroscience</i> , 2019, 11, 22.	2.5	18
7	Loss of Adult 5-HT1A Autoreceptors Results in a Paradoxical Anxiogenic Response to Antidepressant Treatment. <i>Journal of Neuroscience</i> , 2019, 39, 1334-1346.	3.6	19
8	PGE2 EP1 receptor inhibits vasopressin-dependent water reabsorption and sodium transport in mouse collecting duct. <i>Laboratory Investigation</i> , 2018, 98, 360-370.	3.7	22
9	Excitable Adult-Generated GABAergic Neurons Acquire Functional Innervation in the Cortex after Stroke. <i>Stem Cell Reports</i> , 2018, 11, 1327-1336.	4.8	15
10	Adult hippocampal neurogenesis occurs in the absence of Presenilin 1 and Presenilin 2. <i>Scientific Reports</i> , 2018, 8, 17931.	3.3	7
11	The Eloquent Silent Synapse. <i>Trends in Neurosciences</i> , 2018, 41, 557-559.	8.6	12
12	Metaplasticity at CA1 Synapses by Homeostatic Control of Presynaptic Release Dynamics. <i>Cell Reports</i> , 2017, 21, 1293-1303.	6.4	30
13	The α PKC-CBP Pathway Regulates Post-stroke Neurovascular Remodeling and Functional Recovery. <i>Stem Cell Reports</i> , 2017, 9, 1735-1744.	4.8	24
14	Abrogated Freud-1/Cc2d1a Repression of 5-HT1A Autoreceptors Induces Fluoxetine-Resistant Anxiety/Depression-Like Behavior. <i>Journal of Neuroscience</i> , 2017, 37, 11967-11978.	3.6	35
15	Target-specific modulation of the descending prefrontal cortex inputs to the dorsal raphe nucleus by cannabinoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5429-5434.	7.1	73
16	Sex-dependent adaptive changes in serotonin-1A autoreceptor function and anxiety in Deaf1-deficient mice. <i>Molecular Brain</i> , 2016, 9, 77.	2.6	22
17	Correlated Synaptic Inputs Drive Dendritic Calcium Amplification and Cooperative Plasticity during Clustered Synapse Development. <i>Neuron</i> , 2016, 89, 784-799.	8.1	108
18	Time-dependent modulation of glutamate synapses onto 5-HT neurons by antidepressant treatment. <i>Neuropharmacology</i> , 2015, 95, 130-143.	4.1	15

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19	Palmitoylation of LIM Kinase-1 ensures spine-specific actin polymerization and morphological plasticity. <i>ELife</i> , 2015, 4, e06327.	6.0	41
20	FXR1P Limits Long-Term Memory, Long-Lasting Synaptic Potentiation, and De Novo GluA2 Translation. <i>Cell Reports</i> , 2014, 9, 1402-1416.	6.4	40
21	NMDA Receptors Are Upregulated and Trafficked to the Plasma Membrane after Sigma-1 Receptor Activation in the Rat Hippocampus. <i>Journal of Neuroscience</i> , 2014, 34, 11325-11338.	3.6	99
22	Tuning into diversity of homeostatic synaptic plasticity. <i>Neuropharmacology</i> , 2014, 78, 31-37.	4.1	41
23	Differential Subcellular Targeting of Glutamate Receptor Subtypes during Homeostatic Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2013, 33, 13547-13559.	3.6	66
24	Homeostatic plasticity in a reward processing region: accumbens neurons scale too! (Commentary on) Tj ETQq0 0 0 rgBT /Overlock 10 1	2.8	2
25	AMPA Receptor Subunits Get Their Share of the Pie. <i>Neuron</i> , 2009, 62, 165-168.	8.1	9
26	Mechanism of the 5-hydroxytryptamine 2A receptor-mediated facilitation of synaptic activity in prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9870-9875.	7.1	195
27	Synapse-specific regulation of AMPA receptor function by PSD-95. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19535-19540.	7.1	320
28	Serotonergic Regulation of Membrane Potential in Developing Rat Prefrontal Cortex: Coordinated Expression of 5-Hydroxytryptamine (5-HT)1A, 5-HT2A, and 5-HT7 Receptors. <i>Journal of Neuroscience</i> , 2004, 24, 4807-4817.	3.6	170
29	Serotonergic facilitation of synaptic activity in the developing rat prefrontal cortex. <i>Journal of Physiology</i> , 2004, 556, 739-754.	2.9	56
30	PSD-95 regulates synaptic transmission and plasticity in rat cerebral cortex. <i>Journal of Physiology</i> , 2003, 546, 859-867.	2.9	254