

# 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	Synapse-specific regulation of AMPA receptor function by PSD-95. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19535-19540.	7.1	320
2	PSD-95 regulates synaptic transmission and plasticity in rat cerebral cortex. Journal of Physiology, 2003, 546, 859-867.	2.9	254
3	Mechanism of the 5-hydroxytryptamine 2A receptor-mediated facilitation of synaptic activity in prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9870-9875.	7.1	195
4	Serotonergic Regulation of Membrane Potential in Developing Rat Prefrontal Cortex: Coordinated Expression of 5-Hydroxytryptamine (5-HT)1A, 5-HT2A, and 5-HT7 Receptors. Journal of Neuroscience, 2004, 24, 4807-4817.	3.6	170
5	Correlated Synaptic Inputs Drive Dendritic Calcium Amplification and Cooperative Plasticity during Clustered Synapse Development. Neuron, 2016, 89, 784-799.	8.1	108
6	NMDA Receptors Are Upregulated and Trafficked to the Plasma Membrane after Sigma-1 Receptor Activation in the Rat Hippocampus. Journal of Neuroscience, 2014, 34, 11325-11338.	3.6	99
7	Target-specific modulation of the descending prefrontal cortex inputs to the dorsal raphe nucleus by cannabinoids. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5429-5434.	7.1	73
8	Differential Subcellular Targeting of Glutamate Receptor Subtypes during Homeostatic Synaptic Plasticity. Journal of Neuroscience, 2013, 33, 13547-13559.	3.6	66
9	Serotonergic facilitation of synaptic activity in the developing rat prefrontal cortex. Journal of Physiology, 2004, 556, 739-754.	2.9	56
10	Classes of dendritic information processing. Current Opinion in Neurobiology, 2019, 58, 78-85.	4.2	44
11	Tuning into diversity of homeostatic synaptic plasticity. Neuropharmacology, 2014, 78, 31-37.	4.1	41
12	Palmitoylation of LIM Kinase-1 ensures spine-specific actin polymerization and morphological plasticity. ELife, 2015, 4, e06327.	6.0	41
13	FXR1P Limits Long-Term Memory, Long-Lasting Synaptic Potentiation, and De Novo GluA2 Translation. Cell Reports, 2014, 9, 1402-1416.	6.4	40
14	Abrogated Freud-1/Cc2d1a Repression of 5-HT1A Autoreceptors Induces Fluoxetine-Resistant Anxiety/Depression-Like Behavior. Journal of Neuroscience, 2017, 37, 11967-11978.	3.6	35
15	Metaplasticity at CA1 Synapses by Homeostatic Control of Presynaptic Release Dynamics. Cell Reports, 2017, 21, 1293-1303.	6.4	30
16	The aPKC-CBP Pathway Regulates Post-stroke Neurovascular Remodeling and Functional Recovery. Stem Cell Reports, 2017, 9, 1735-1744.	4.8	24
17	Sex-dependent adaptive changes in serotonin-1A autoreceptor function and anxiety in Deaf1-deficient mice. Molecular Brain, 2016, 9, 77.	2.6	22
18	PGE2 EP1 receptor inhibits vasopressin-dependent water reabsorption and sodium transport in mouse collecting duct. Laboratory Investigation, 2018, 98, 360-370.	3.7	22

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Time-dependent modulation of glutamate synapses onto 5-HT neurons by antidepressant treatment. <i>Neuropharmacology</i> , 2015, 95, 130-143.	4.1	15
22	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
23	The Eloquent Silent Synapse. <i>Trends in Neurosciences</i> , 2018, 41, 557-559.	8.6	12
24	AMPA Receptor Subunits Get Their Share of the Pie. <i>Neuron</i> , 2009, 62, 165-168.	8.1	9
25	Adult hippocampal neurogenesis occurs in the absence of Presenilin 1 and Presenilin 2. <i>Scientific Reports</i> , 2018, 8, 17931.	3.3	7
26	Expansion microscopy-based imaging of nuclear structures in cultured cells. <i>STAR Protocols</i> , 2021, 2, 100630.	1.2	7
27	Homeostatic plasticity in a reward processing region: accumbens neurons scale too! (Commentary on) Tj ETQq1 1 0.784314 jgBT /OV	2.6	2
28	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
29	A Synthetic Likelihood Solution to the Silent Synapse Estimation Problem. <i>Cell Reports</i> , 2020, 32, 107916.	6.4	1
30	Accurate Silent Synapse Estimation from Simulator-Corrected Electrophysiological Data Using the SilentMLE Python Package. <i>STAR Protocols</i> , 2020, 1, 100176.	1.2	0