

# Gary J Iacobucci

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

545  
citations

840776

11  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	NMDA receptors: linking physiological output to biophysical operation. <i>Nature Reviews Neuroscience</i> , 2017, 18, 236-249.	10.2	113
2	Organically Modified Silica Nanoparticles Are Biocompatible and Can Be Targeted to Neurons In Vivo. <i>PLoS ONE</i> , 2012, 7, e29424.	2.5	106
3	<i>prickle</i> modulates microtubule polarity and axonal transport to ameliorate seizures in flies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11187-11192.	7.1	59
4	The Impact of Physical Complaints, Social Environment, and Psychological Functioning on IBS Patients's Health Perceptions: Looking Beyond GI Symptom Severity. <i>American Journal of Gastroenterology</i> , 2014, 109, 224-233.	0.4	58
5	Presenilin influences glycogen synthase kinase-3 $\beta$ (GSK-3 $\beta$ ) for kinesin-1 and dynein function during axonal transport. <i>Human Molecular Genetics</i> , 2014, 23, 1121-1133.	2.9	41
6	Probing the Structural Dynamics of the NMDA Receptor Activation by Coarse-Grained Modeling. <i>Biophysical Journal</i> , 2017, 112, 2589-2601.	0.5	33
7	Resident Calmodulin Primes NMDA Receptors for Ca <sup>2+</sup> -Dependent Inactivation. <i>Biophysical Journal</i> , 2017, 113, 2236-2248.	0.5	31
8	Kinetic models for activation and modulation of NMDA receptor subtypes. <i>Current Opinion in Physiology</i> , 2018, 2, 114-122.	1.8	18
9	Spatial Coupling Tunes NMDA Receptor Responses via Ca <sup>2+</sup> Diffusion. <i>Journal of Neuroscience</i> , 2019, 39, 8831-8844.	3.6	18
10	Ca <sup>2+</sup> -Dependent Inactivation of GluN2A and GluN2B NMDA Receptors Occurs by a Common Kinetic Mechanism. <i>Biophysical Journal</i> , 2020, 118, 798-812.	0.5	16
11	Ketamine: An Update on Cellular and Subcellular Mechanisms with Implications for Clinical Practice. <i>Pain Physician</i> , 2017, 20, E285-E301.	0.4	14
12	Cross-subunit interactions that stabilize open states mediate gating in NMDA receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
13	Indium as a central metal enhances the photosensitizing efficacy of benzoporphyrin derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1310-1316.	0.8	9
14	Spatial and Temporal Characteristics of Normal and Perturbed Vesicle Transport. <i>PLoS ONE</i> , 2014, 9, e97237.	2.5	7
15	Ethanol stimulates the <i>in vivo</i> axonal movement of neuropeptide dense-core vesicles in <i>Drosophila</i> motor neurons. <i>Journal of Neurochemistry</i> , 2018, 144, 466-482.	3.9	5
16	Extracting Rate Constants for NMDA Receptor Gating from One-Channel Current Recordings. <i>Neuromethods</i> , 2016, , 273-299.	0.3	4