

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