# John Paul Bolam

List of Publications by Year
in descending order



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|---|---|---|---|
| 36 papers | 4,409 citations | 218381 26 h-index | 414034 32 g-index |
| 55 all docs | 55 docs citations | 55 times ranked | 4858 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Functional diversity and specificity of neostriatal interneurons. Current Opinion in Neurobiology, 2004, 14, 685-692. | 2.0 | 439 |
| 2 | Dichotomous Organization of the External Globus Pallidus. Neuron, 2012, 74, 1075-1086. | 3.8 | 367 |
| 3 | Living on the edge with too many mouths to feed: Why dopamine neurons die. Movement Disorders, 2012, 27, 1478-1483. | 2.2 | 343 |
| 4 | Selective Innervation of Neostriatal Interneurons by a Subclass of Neuron in the Globus Pallidus of the Rat. Journal of Neuroscience, 1998, 18, 9438-9452. | 1.7 | 316 |
| 5 | Cellular, Subcellular, and Subsynaptic Distribution of AMPA-Type Glutamate Receptor Subunits in the Neostriatum of the Rat. Journal of Neuroscience, 1997, 17, 819-833. | 1.7 | 272 |
| 6 | A Major External Source of Cholinergic Innervation of the Striatum and Nucleus Accumbens Originates in the Brainstem. Journal of Neuroscience, 2014, 34, 4509-4518. | 1.7 | 267 |
| 7 | The energy cost of action potential propagation in dopamine neurons: clues to susceptibility in Parkinson's disease. Frontiers in Computational Neuroscience, 2013, 7, 13. | 1.2 | 264 |
| 8 | Rethinking the Pedunculopontine Nucleus: From Cellular Organization to Function. Neuron, 2017, 94, 7-18. | 3.8 | 192 |
| 9 | Synaptic Convergence of Motor and Somatosensory Cortical Afferents onto GABAergic Interneurons in the Rat Striatum. Journal of Neuroscience, 2002, 22, 8158-8169. | 1.7 | 177 |
| 10 | Impaired intracellular trafficking defines early Parkinson's disease. Trends in Neurosciences, 2015, 38, 178-188. | 4.2 | 175 |
| 11 | Presynaptic localisation of the nicotinic acetylcholine receptor ?2 subunit immunoreactivity in rat nigrostriatal dopaminergic neurones. Journal of Comparative Neurology, 2001, 439, 235-247. | 0.9 | 158 |
| 12 | A Dopaminergic Axon Lattice in the Striatum and Its Relationship with Cortical and Thalamic Terminals. Journal of Neuroscience, 2008, 28, 11221-11230. | 1.7 | 157 |
| 13 | Representation of spontaneous movement by dopaminergic neurons is cell-type selective and disrupted in parkinsonism. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2180-8. | 3.3 | 145 |
| 14 | Extrinsic Sources of Cholinergic Innervation of the Striatal Complex: A Whole-Brain Mapping Analysis. Frontiers in Neuroanatomy, 2016, 10, 1. | 0.9 | 128 |
| 15 | Segregated cholinergic transmission modulates dopamine neurons integrated in distinct functional circuits. Nature Neuroscience, 2016, 19, 1025-1033. | 7.1 | 122 |
| 16 | A Single-Cell Analysis of Intrinsic Connectivity in the Rat Globus Pallidus. Journal of Neuroscience, 2007, 27, 6352-6362. | 1.7 | 121 |
| 17 | Differential Modulation of Excitatory and Inhibitory Striatal Synaptic Transmission by Histamine. Journal of Neuroscience, 2011, 31, 15340-15351. | 1.7 | 113 |
| 18 | Local and afferent synaptic pathways in the striatal microcircuitry. Current Opinion in Neurobiology, 2015, 33, 182-187. | 2.0 | 100 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synaptic localization of GABAA receptor subunits in the striatum of the rat. Journal of Comparative Neurology, 2000, 416, 158-172. | 0.9 | 79 |
| 20 | Changes in Functional Connectivity within the Rat Striatopallidal Axis during Global Brain Activation In Vivo. Journal of Neuroscience, 2006, 26, 6318-6329. | 1.7 | 68 |
| 21 | A few simple steps to improve the description of group results in neuroscience. European Journal of Neuroscience, 2016, 44, 2647-2651. | 1.2 | 64 |
| 22 | LRRK2BAC transgenic rats develop progressive, L-DOPA-responsive motor impairment, and deficits in dopamine circuit function. Human Molecular Genetics, 2016, 25, 951-963. | 1.4 | 58 |
| 23 | The subcellular localization of GABAB receptor subunits in the rat substantia nigra. European Journal of Neuroscience, 2003, 18, 3279-3293. | 1.2 | 55 |
| 24 | Subcellular localization of GABAB receptor subunits in rat globus pallidus. Journal of Comparative Neurology, 2004, 474, 340-352. | 0.9 | 47 |
| 25 | Functional presynaptic HCN channels in the rat globus pallidus. European Journal of Neuroscience, 2007, 25, 2081-2092. | 1.2 | 46 |
| 26 | Localization of GABA receptors in the basal ganglia. Progress in Brain Research, 2007, 160, 229-243. | 0.9 | 43 |
| 27 | Characterization of the axon initial segment of mice substantia nigra dopaminergic neurons. Journal of Comparative Neurology, 2017, 525, 3529-3542. | 0.9 | 28 |
| 28 | Synaptic localization of GABAAreceptor subunits in the substantia nigra of the rat: effects of quinolinic acid lesions of the striatum. European Journal of Neuroscience, 2002, 15, 1961-1975. | 1.2 | 26 |
| 29 | The European Journal of Neuroscience's mission to increase the visibility and recognition of women in science. European Journal of Neuroscience, 2017, 46, 2427-2428. | 1.2 | 19 |
| 30 | Axon terminals from the nucleus isthmi pars parvocellularis control the ascending retinotectofugal output through direct synaptic contact with tectal ganglion cell dendrites. Journal of Comparative Neurology, 2016, 524, 362-379. | 0.9 | 14 |
| 31 | Transparent review at the European Journal of Neuroscience: experiences one year on. European Journal of Neuroscience, 2017, 46, 2647-2647. | 1.2 | 3 |
| 32 | Editorial Comment: Gender diversity in neuroscience: Ongoing challenges for a field in flux. European Journal of Neuroscience, 2019, 50, 3085-3088. | 1.2 | 1 |
| 33 | On open access, special issues and strategies for increasing the readership of your neuroscience research. European Journal of Neuroscience, 2017, 46, 2791-2792. | 1.2 | 0 |
| 34 | Special issue in honour of the first editor of <scp>EJN</scp>, Ray Guillery. European Journal of Neuroscience, 2019, 49, 883-883. | 1.2 | 0 |
| 35 | Papers arising from the 12th International Basal Ganglia Society Meeting. March 26thâ€“30th 2017, MÃ©rida, YucatÃ¡n, MÃ©xico. European Journal of Neuroscience, 2019, 49, 591-592. | 1.2 | 0 |
| 36 | Special Issue Editorial: Basal Ganglia/Movement Disorders. European Journal of Neuroscience, 2021, 53, 2045-2048. | 1.2 | 0 |