

# Mark A Ungless

## List of Publications by Year in descending order

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33  
papers

6,091  
citations

304743

22  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

6224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single cocaine exposure in vivo induces long-term potentiation in dopamine neurons. <i>Nature</i> , 2001, 411, 583-587.	27.8	1,277
2	Phasic excitation of dopamine neurons in ventral VTA by noxious stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4894-4899.	7.1	930
3	Uniform Inhibition of Dopamine Neurons in the Ventral Tegmental Area by Aversive Stimuli. <i>Science</i> , 2004, 303, 2040-2042.	12.6	723
4	Stereological estimates of dopaminergic, GABAergic and glutamatergic neurons in the ventral tegmental area, substantia nigra and retrorubral field in the rat. <i>Neuroscience</i> , 2008, 152, 1024-1031.	2.3	520
5	Effects of stress and aversion on dopamine neurons: Implications for addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 151-156.	6.1	372
6	Are you or aren't you? Challenges associated with physiologically identifying dopamine neurons. <i>Trends in Neurosciences</i> , 2012, 35, 422-430.	8.6	359
7	Dorsal Raphe Dopamine Neurons Represent the Experience of Social Isolation. <i>Cell</i> , 2016, 164, 617-631.	28.9	294
8	Corticotropin-Releasing Factor Requires CRF Binding Protein to Potentiate NMDA Receptors via CRF Receptor 2 in Dopamine Neurons. <i>Neuron</i> , 2003, 39, 401-407.	8.1	273
9	Dopaminergic basis of salience dysregulation in psychosis. <i>Trends in Neurosciences</i> , 2014, 37, 85-94.	8.6	204
10	The Mechanistic Classification of Addictive Drugs. <i>PLoS Medicine</i> , 2006, 3, e437.	8.4	179
11	Dopamine: the salient issue. <i>Trends in Neurosciences</i> , 2004, 27, 702-706.	8.6	176
12	Structural correlates of heterogeneous in vivo activity of midbrain dopaminergic neurons. <i>Nature Neuroscience</i> , 2012, 15, 613-619.	14.8	125
13	GABAergic neuron distribution in the pedunculopontine nucleus defines functional subterritories. <i>Journal of Comparative Neurology</i> , 2009, 515, 397-408.	1.6	94
14	Phasic responses in dorsal raphe serotonin neurons to noxious stimuli. <i>Neuroscience</i> , 2010, 171, 1209-1215.	2.3	86
15	Convergent actions of orexin/hypocretin and CRF on dopamine neurons: Emerging players in addiction. <i>Brain Research</i> , 2010, 1314, 139-144.	2.2	68
16	Functional properties of dopamine neurons and co-expression of vasoactive intestinal polypeptide in the dorsal raphe nucleus and ventrolateral periaqueductal grey. <i>European Journal of Neuroscience</i> , 2012, 36, 3322-3332.	2.6	51
17	Hyperexcitable Substantia Nigra Dopamine Neurons in <i>PINK1</i> - and <i>HtrA2/Omi</i> -Deficient Mice. <i>Journal of Neurophysiology</i> , 2010, 104, 3009-3020.	1.8	47
18	RNA polymerase II primes Polycomb-repressed developmental genes throughout terminal neuronal differentiation. <i>Molecular Systems Biology</i> , 2017, 13, 946.	7.2	44

#	ARTICLE	IF	CITATIONS
19	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. <i>NeuroImage</i> , 2012, 59, 1230-1238.	4.2	38
20	Dopaminergic axons in different divisions of the adult rat striatal complex do not express vesicular glutamate transporters. <i>European Journal of Neuroscience</i> , 2011, 33, 1205-1211.	2.6	33
21	Mitogen-Activated Protein Kinase Phosphatase-2 Deletion Impairs Synaptic Plasticity and Hippocampal-Dependent Memory. <i>Journal of Neuroscience</i> , 2016, 36, 2348-2354.	3.6	30
22	Phasic Stimulation of Midbrain Dopamine Neuron Activity Reduces Salt Consumption. <i>ENeuro</i> , 2018, 5, ENEURO.0064-18.2018.	1.9	29
23	Spike-timing relationship of neurochemically-identified dorsal raphe neurons during cortical slow oscillations. <i>Neuroscience</i> , 2011, 196, 115-123.	2.3	24
24	Dissociation of food-finding and tentacle-lowering, following food-attraction conditioning in the snail, <i>Helix aspersa</i> . <i>Behavioural Processes</i> , 2001, 53, 97-101.	1.1	18
25	Transcriptional profiling aligned with <i>in situ</i> expression image analysis reveals mosaically expressed molecular markers for GABA neuron subgroups in the ventral tegmental area. <i>European Journal of Neuroscience</i> , 2019, 50, 3732-3749.	2.6	18
26	A Pavlovian analysis of food-attraction conditioning in the snail <i>Helix aspersa</i> . <i>Learning and Behavior</i> , 1998, 26, 15-19.	3.4	15
27	nNOS-Expressing Neurons in the Ventral Tegmental Area and Substantia Nigra Pars Compacta. <i>ENeuro</i> , 2018, 5, ENEURO.0381-18.2018.	1.9	14
28	Electrophysiological Properties of Embryonic Stem Cell-Derived Neurons. <i>PLoS ONE</i> , 2011, 6, e24169.	2.5	12
29	Ionic currents influencing spontaneous firing and pacemaker frequency in dopamine neurons of the ventrolateral periaqueductal gray and dorsal raphe nucleus (vPAG/DRN): A voltage-clamp and computational modelling study. <i>Journal of Computational Neuroscience</i> , 2017, 42, 275-305.	1.0	11
30	Tonic GABAergic inhibition, via GABA <sub>A</sub> receptors containing $\alpha 2$ subunits, regulates excitability of ventral tegmental area dopamine neurons. <i>European Journal of Neuroscience</i> , 2021, 53, 1722-1737.	2.6	9
31	A Choreography of Nicotinic Receptors Directs the Dopamine Neuron Routine. <i>Neuron</i> , 2006, 50, 815-816.	8.1	8
32	Mitogen-activated protein kinase phosphatase-2 deletion modifies ventral tegmental area function and connectivity and alters reward processing. <i>European Journal of Neuroscience</i> , 2020, 52, 2838-2852.	2.6	4
33	Financial gain- and loss-related BOLD signals in the human ventral tegmental area and substantia nigra pars compacta. <i>European Journal of Neuroscience</i> , 2019, 49, 1196-1209.	2.6	3