

Omar S Mabrouk

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,823
citations

471509

17
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

2989
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesolimbic dopamine signals the value of work. <i>Nature Neuroscience</i> , 2016, 19, 117-126.	14.8	644
2	In Vivo Neurochemical Monitoring Using Benzoyl Chloride Derivatization and Liquid Chromatographyâ€“Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 412-419.	6.5	204
3	Benzoyl chloride derivatization with liquid chromatographyâ€“mass spectrometry for targeted metabolomics of neurochemicals in biological samples. <i>Journal of Chromatography A</i> , 2016, 1446, 78-90.	3.7	186
4	Enkephalin Surges in Dorsal Neostriatum as a Signal to Eat. <i>Current Biology</i> , 2012, 22, 1918-1924.	3.9	98
5	Forebrain deletion of the dystonia protein torsinA causes dystonic-like movements and loss of striatal cholinergic neurons. <i>ELife</i> , 2015, 4, e08352.	6.0	92
6	Rapid dopamine transmission within the nucleus accumbens: Dramatic difference between morphine and oxycodone delivery. <i>European Journal of Neuroscience</i> , 2014, 40, 3041-3054.	2.6	87
7	Age-dependent dopamine transporter dysfunction and Serine129 phospho- α -synuclein overload in G2019S LRRK2 mice. <i>Acta Neuropathologica Communications</i> , 2017, 5, 22.	5.2	73
8	Ventral Tegmental Area Neurotensin Signaling Links the Lateral Hypothalamus to Locomotor Activity and Striatal Dopamine Efflux in Male Mice. <i>Endocrinology</i> , 2015, 156, 1692-1700.	2.8	64
9	Microfabrication and in Vivo Performance of a Microdialysis Probe with Embedded Membrane. <i>Analytical Chemistry</i> , 2016, 88, 1230-1237.	6.5	63
10	In vivo detection of optically-evoked opioid peptide release. <i>ELife</i> , 2018, 7, .	6.0	53
11	Reducing Adsorption To Improve Recovery and in Vivo Detection of Neuropeptides by Microdialysis with LC-MS. <i>Analytical Chemistry</i> , 2015, 87, 9802-9809.	6.5	43
12	Microdialysis and mass spectrometric monitoring of dopamine and enkephalins in the globus pallidus reveal reciprocal interactions that regulate movement. <i>Journal of Neurochemistry</i> , 2011, 118, 24-33.	3.9	38
13	Simultaneous oxytocin and arg-vasopressin measurements in microdialysates using capillary liquid chromatographyâ€“mass spectrometry. <i>Journal of Neuroscience Methods</i> , 2012, 209, 127-133.	2.5	31
14	Pre-existing differences and diet-induced alterations in striatal dopamine systems of obesity-prone rats. <i>Obesity</i> , 2016, 24, 670-677.	3.0	26
15	The in Vivo Neurochemical Profile of Selectively Bred High-Responder and Low-Responder Rats Reveals Baseline, Cocaine-Evoked, and Novelty-Evoked Differences in Monoaminergic Systems. <i>ACS Chemical Neuroscience</i> , 2018, 9, 715-724.	3.5	25
16	CNS penetration of the opioid glycopeptide MMP-2200: A microdialysis study. <i>Neuroscience Letters</i> , 2012, 531, 99-103.	2.1	23
17	Varying the rate of intravenous cocaine infusion influences the temporal dynamics of both drug and dopamine concentrations in the striatum. <i>European Journal of Neuroscience</i> , 2019, 50, 2054-2064.	2.6	18
18	Amphetamine stimulates movement through thalamocortical glutamate release. <i>Journal of Neurochemistry</i> , 2014, 128, 152-161.	3.9	17

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19	Synergistic activity between the delta-opioid agonist SNC80 and amphetamine occurs via a glutamatergic NMDA-receptor dependent mechanism. <i>Neuropharmacology</i> , 2014, 77, 19-27.	4.1	12
20	The Delta-Specific Opioid Glycopeptide BBI-11008: CNS Penetration and Behavioral Analysis in a Preclinical Model of Levodopa-Induced Dyskinesia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 20.	4.1	11
21	Pharmacological and Behavioral Characterization of D-473, an Orally Active Triple Reuptake Inhibitor Targeting Dopamine, Serotonin and Norepinephrine Transporters. <i>PLoS ONE</i> , 2014, 9, e113420.	2.5	8
22	Delta Opioid Pharmacology in Parkinson's Disease. <i>Handbook of Experimental Pharmacology</i> , 2016, 247, 261-275.	1.8	3
23	Simultaneous, in vivo monitoring of 10 neurotransmitters in rat prelimbic cortex (PrL) reveals that systemic and local administration of the atypical antipsychotic olanzapine (olz) differentially altered only serotonin (5HT) levels. <i>FASEB Journal</i> , 2013, 27, 1100.9.	0.5	0