

# Alexander R Nectow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/603496/publications.pdf>

Version: 2024-02-01

17  
papers

2,376  
citations

758635

12  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

4233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons. <i>Nature</i> , 2013, 493, 532-536.	13.7	961
2	Biomaterials for the Development of Peripheral Nerve Guidance Conduits. <i>Tissue Engineering - Part B: Reviews</i> , 2012, 18, 40-50.	2.5	321
3	Combined Social and Spatial Coding in a Descending Projection from the Prefrontal Cortex. <i>Cell</i> , 2017, 171, 1663-1677.e16.	13.5	228
4	Bidirectional electromagnetic control of the hypothalamus regulates feeding and metabolism. <i>Nature</i> , 2016, 531, 647-650.	13.7	212
5	Molecular Profiling of Neurons Based on Connectivity. <i>Cell</i> , 2014, 157, 1230-1242.	13.5	134
6	Identification of a Brainstem Circuit Controlling Feeding. <i>Cell</i> , 2017, 170, 429-442.e11.	13.5	110
7	Viral tools for neuroscience. <i>Nature Reviews Neuroscience</i> , 2020, 21, 669-681.	4.9	93
8	Rapid Molecular Profiling of Defined Cell Types Using Viral TRAP. <i>Cell Reports</i> , 2017, 19, 655-667.	2.9	77
9	Regulation of Energy Expenditure by Brainstem GABA Neurons. <i>Cell</i> , 2019, 178, 672-685.e12.	13.5	69
10	$\beta$ 1- and $\beta$ 3-Adrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. <i>Biological Psychiatry</i> , 2019, 85, 226-236.	0.7	53
11	Molecular characterization of neuronal cell types based on patterns of projection with Retro-TRAP. <i>Nature Protocols</i> , 2015, 10, 1319-1327.	5.5	43
12	Functional analysis reveals differential effects of glutamate and MCH neuropeptide in MCH neurons. <i>Molecular Metabolism</i> , 2018, 13, 83-89.	3.0	31
13	Viral labeling of neurons synaptically connected to nucleus accumbens somatostatin interneurons. <i>PLoS ONE</i> , 2019, 14, e0213476.	1.1	14
14	The dorsal raphe nucleus in the control of energy balance. <i>Trends in Neurosciences</i> , 2021, 44, 946-960.	4.2	14
15	Exponential Time Differencing for Hodgkin-Huxley-like ODEs. <i>SIAM Journal of Scientific Computing</i> , 2013, 35, B623-B643.	1.3	13
16	A statistical algorithm for assessing cellular alignment. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 884-891.	2.1	3
17	Roles and regulations of dopaminergic pathways in repeated stress-induced emotional changes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY72-4.	0.0	0