Alexei M Bygrave

List of Publications by Year
in descending order

7 papers	197 citations	1307594 7 h-index	1720034 7 g-index
14 all docs	14 docs citations	14 times ranked	241 citing authors

#	Article	IF	Citations
1	An optimized CRISPR/Cas9 approach for precise genome editing in neurons. ELife, 2021, 10, .	6.0	39
2	Visualizing synaptic plasticity in vivo by large-scale imaging of endogenous AMPA receptors. ELife, 2021, 10, .	6.0	33
3	Tyrosine phosphorylation of the AMPA receptor subunit GluA2 gates homeostatic synaptic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4948-4958.	7.1	20
4	Hippocampalâ€“prefrontal coherence mediates working memory and selective attention at distinct frequency bands and provides a causal link between schizophrenia and its risk gene GRIA1. Translational Psychiatry, 2019, 9, 142.	4.8	51
5	Optogenetic induction of the schizophrenia-related endophenotype of ventral hippocampal hyperactivity causes rodent correlates of positive and cognitive symptoms. Scientific Reports, 2018, 8, 12871.	3.3	22
6	Gene-Environment Interaction in a Conditional NMDAR-Knockout Model of Schizophrenia. Frontiers in Behavioral Neuroscience, 2018, 12, 332.	2.0	7
7	The group II metabotropic glutamate receptor agonist LY354740 and the D2 receptor antagonist haloperidol reduce locomotor hyperactivity but fail to rescue spatial working memory in GluA1 knockout mice. European Journal of Neuroscience, 2017, 45, 912-921.	2.6	13