

Andrew M Batchelor

List of Publications by Year in descending order

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14
papers

574
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency detection and temporally dispersed synaptic signal association through a metabotropic glutamate receptor pathway. <i>Nature</i> , 1997, 385, 74-77.	27.8	178
2	Exquisite sensitivity to subsecond, picomolar nitric oxide transients conferred on cells by guanylyl cyclase-coupled receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22060-22065.	7.1	88
3	Novel synaptic potentials in cerebellar Purkinje cells: Probable mediation by metabotropic glutamate receptors. <i>Neuropharmacology</i> , 1993, 32, 11-20.	4.1	73
4	Selective blockade of N-methyl-D-aspartate receptor function by the nitric oxide donor, nitroprusside. <i>European Journal of Pharmacology</i> , 1991, 209, 119-121.	3.5	42
5	Improved genetically-encoded, FlnC-type fluorescent biosensors for neural cGMP imaging. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 26.	2.9	38
6	Picomolar Nitric Oxide Signals from Central Neurons Recorded Using Ultrasensitive Detector Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 43172-43181.	3.4	34
7	Metabotropic glutamate receptor subtypes modulating neurotransmission at parallel fibre-Purkinje cell synapses in rat cerebellum. <i>Neuropharmacology</i> , 2001, 41, 42-49.	4.1	31
8	GABAB Receptors in the Parallel Fibre Pathway of Rat Cerebellum. <i>European Journal of Neuroscience</i> , 1992, 4, 1059-1064.	2.6	29
9	mGlu1 receptors mediate a post-tetanic depression at parallel fibre-Purkinje cell synapses in rat cerebellum. <i>European Journal of Neuroscience</i> , 2001, 14, 1313-1319.	2.6	25
10	The synaptic potential mediated by metabotropic glutamate receptors is not associated with a substantial elevation of cytosolic free calcium concentration in Purkinje cells. <i>NeuroReport</i> , 1996, 7, 1949-1952.	1.2	13
11	A biplanar slice preparation for studying cerebellar synaptic transmission. <i>Journal of Neuroscience Methods</i> , 1996, 64, 189-197.	2.5	9
12	Chapter 4. The Metabotropic Glutamate Receptors. <i>Annual Reports in Medicinal Chemistry</i> , 1996, , 31-40.	0.9	7
13	The mGlu1 antagonist CPCCOEt enhances the climbing fibre response in Purkinje neurones independently of glutamate receptors. <i>Neuropharmacology</i> , 2007, 52, 450-458.	4.1	7
14	Synaptic integration by mGluRs in cerebellar purkinje cells. <i>Neuropharmacology</i> , 1996, 35, A2.	4.1	0