

# Kechun Yang

## List of Publications by Year in descending order

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20  
papers

783  
citations

516710

16  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Midbrain dopaminergic innervation of the hippocampus is sufficient to modulate formation of aversive memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41
2	Dopamine receptor activity participates in hippocampal synaptic plasticity associated with novel object recognition. <i>European Journal of Neuroscience</i> , 2017, 45, 138-146.	2.6	35
3	Dopamine Regulates Aversive Contextual Learning and Associated In Vivo Synaptic Plasticity in the Hippocampus. <i>Cell Reports</i> , 2016, 14, 1930-1939.	6.4	113
4	Dopamine and norepinephrine receptors participate in methylphenidate enhancement of in vivo hippocampal synaptic plasticity. <i>Neuropharmacology</i> , 2015, 90, 23-32.	4.1	43
5	Dopamine D1 and D5 Receptors Modulate Spike Timing-Dependent Plasticity at Medial Perforant Path to Dentate Granule Cell Synapses. <i>Journal of Neuroscience</i> , 2014, 34, 15888-15897.	3.6	58
6	Nicotinic Modulation of GABA <sub>A</sub> Receptor Function in Single Dopaminergic Neurons Freshly-Dissociated from Rat Substantia Nigra Pars Compacta. <i>Biochemistry &amp; Pharmacology: Open Access</i> , 2013, S, .	0.2	1
7	Dual Effects of Iptakalim on Nicotine-induced Rat Behavioral Sensitization. <i>Pharmacologia</i> , 2012, 3, 506-512.	0.3	1
8	Exposure of nicotine to ventral tegmental area slices induces glutamatergic synaptic plasticity on dopamine neurons. <i>Synapse</i> , 2011, 65, 332-338.	1.2	20
9	Functional rundown of gamma-aminobutyric acid <sub>A</sub> receptors in human hypothalamic hamartomas. <i>Annals of Neurology</i> , 2011, 69, 664-672.	5.3	28
10	Functional Nicotinic Acetylcholine Receptors Containing $\alpha 6$ Subunits Are on GABAergic Neuronal Boutons Adherent to Ventral Tegmental Area Dopamine Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 2537-2548.	3.6	79
11	The Anticonvulsive Drug Lamotrigine Blocks Neuronal $\alpha 2$ Nicotinic Acetylcholine Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 335, 401-408.	2.5	38
12	Mechanisms Involved in Systemic Nicotine-Induced Glutamatergic Synaptic Plasticity on Dopamine Neurons in the Ventral Tegmental Area. <i>Journal of Neuroscience</i> , 2010, 30, 13814-13825.	3.6	85
13	Tetrahydroberberine blocks ATP-sensitive potassium channels in dopamine neurons acutely-dissociated from rat substantia nigra pars compacta. <i>Neuropharmacology</i> , 2010, 59, 567-572.	4.1	29
14	Subventricular zone neural progenitors from rapid brain autopsies of elderly subjects with and without neurodegenerative disease. <i>Journal of Comparative Neurology</i> , 2009, 515, 269-294.	1.6	42
15	Distinctive nicotinic acetylcholine receptor functional phenotypes of rat ventral tegmental area dopaminergic neurons. <i>Journal of Physiology</i> , 2009, 587, 345-361.	2.9	69
16	Nicotine modulates GABAergic transmission to dopaminergic neurons in substantia nigra pars compacta. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 851-858.	6.1	10
17	$\alpha$ -Chloralose diminishes $\delta$ oscillations in rat hippocampal slices. <i>Neuroscience Letters</i> , 2008, 441, 66-71.	2.1	15
18	GABA <sub>A</sub> receptor-mediated excitation in dissociated neurons from human hypothalamic hamartomas. <i>Experimental Neurology</i> , 2008, 213, 397-404.	4.1	24

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19	The Neuropharmacology of (-)-Stepholidine and its Potential Applications. Current Neuropharmacology, 2007, 5, 289-294.	2.9	29
20	Electrophysiological Properties and Subunit Composition of GABA <sub>A</sub> Receptors in Patients With Gelastic Seizures and Hypothalamic Hamartoma. Journal of Neurophysiology, 2007, 98, 5-15.	1.8	23