

# Toshio Ohshima

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

269

citations

10

h-index

16

g-index

28

ext. papers

385

ext. citations

4

avg, IF

3.36

L-index

#	Paper	IF	Citations
26	CRMP4 is required for the positioning and maturation of newly generated neurons in adult mouse hippocampus.. <i>Neuroscience Letters</i> , <b>2022</b> , 773, 136503	3.3	
25	Involvement of Cdk5 activating subunit p35 in synaptic plasticity in excitatory and inhibitory neurons.. <i>Molecular Brain</i> , <b>2022</b> , 15, 37	4.5	0
24	Modality-Specific Impairment of Hippocampal CA1 Neurons of Alzheimer's Disease Model Mice. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 5315-5329	6.6	4
23	Phosphorylation of Collapsin Response Mediator Protein 1 (CRMP1) at Tyrosine 504 residue regulates Semaphorin 3A-induced cortical dendritic growth. <i>Journal of Neurochemistry</i> , <b>2021</b> , 157, 1207-1221	6.2	2
22	Regulation of axon pruning of mossy fiber projection in hippocampus by CRMP2 and CRMP4.. <i>Developmental Neurobiology</i> , <b>2021</b> ,	3.2	1
21	Phosphorylation of CRMP2 is required for migration and positioning of Purkinje cells: Redundant roles of CRMP1 and CRMP4. <i>Brain Research</i> , <b>2020</b> , 1736, 146762	3.7	4
20	Lanthionine ketimine ester improves outcome in an MPTP-induced mouse model of Parkinson's disease via suppressions of CRMP2 phosphorylation and microglial activation. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 413, 116802	3.2	2
19	Histone deacetylase inhibition promotes regenerative neurogenesis after stab wound injury in the adult zebrafish optic tectum. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 529, 366-371	3.4	4
18	Loss of Collapsin Response Mediator Protein 4 Attenuates 6-Hydroxydopamine-Induced Impairments in a Mouse Model of Parkinson's Disease. <i>Neurochemical Research</i> , <b>2020</b> , 45, 2286-2301	4.6	0
17	Genetic inhibition of CRMP2 phosphorylation at serine 522 promotes axonal regeneration after optic nerve injury. <i>Scientific Reports</i> , <b>2019</b> , 9, 7188	4.9	8
16	Genetic inhibition of CRMP2 phosphorylation delays Wallerian degeneration after optic nerve injury. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 514, 1037-1039	3.4	5
15	Genetic suppression of collapsin response mediator protein 2 phosphorylation improves outcome in methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced Parkinson's model mice. <i>Genes To Cells</i> , <b>2019</b> , 24, 31-40	2.3	9
14	Wnt signaling regulates proliferation and differentiation of radial glia in regenerative processes after stab injury in the optic tectum of adult zebrafish. <i>Glia</i> , <b>2018</b> , 66, 1382-1394	9	25
13	Involvement of sonic hedgehog and notch signaling in regenerative neurogenesis in adult zebrafish optic tectum after stab injury. <i>Journal of Comparative Neurology</i> , <b>2018</b> , 526, 2360-2372	3.4	10
12	CRMPs Function in Neurons and Glial Cells: Potential Therapeutic Targets for Neurodegenerative Diseases and CNS Injury. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4243-4256	6.2	20
11	Cdk5 is required for the positioning and survival of GABAergic neurons in developing mouse striatum. <i>Developmental Neurobiology</i> , <b>2017</b> , 77, 483-492	3.2	2
10	Protein Tyrosine Phosphatase $\eta$ Mediates the Sema3A-Induced Cortical Basal Dendritic Arborization through the Activation of Fyn Tyrosine Kinase. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 7125-7139	6.6	18

9	Cdk5 activity is required for Purkinje cell dendritic growth in cell-autonomous and non-cell-autonomous manners. <i>Developmental Neurobiology</i> , <b>2017</b> , 77, 1175-1187	3-2	3
8	Wnt and Shh signals regulate neural stem cell proliferation and differentiation in the optic tectum of adult zebrafish. <i>Developmental Neurobiology</i> , <b>2017</b> , 77, 1206-1220	3-2	14
7	Zebrafish Mecp2 is required for proper axonal elongation of motor neurons and synapse formation. <i>Developmental Neurobiology</i> , <b>2017</b> , 77, 1101-1113	3-2	15
6	Lanthionine ketimine ester promotes locomotor recovery after spinal cord injury by reducing neuroinflammation and promoting axon growth. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 759-764	3-4	14
5	CRMP1 and CRMP4 are required for proper orientation of dendrites of cerebral pyramidal neurons in the developing mouse brain. <i>Brain Research</i> , <b>2017</b> , 1655, 161-167	3-7	5
4	Loss of collapsin response mediator protein 4 suppresses dopaminergic neuron death in an 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced mouse model of Parkinson's disease. <i>Journal of Neurochemistry</i> , <b>2016</b> , 137, 795-805	6	9
3	Deletion of Crmp4 attenuates CSPG-induced inhibition of axonal growth and induces nociceptive recovery after spinal cord injury. <i>Molecular and Cellular Neurosciences</i> , <b>2016</b> , 74, 42-8	4.8	11
2	Phosphorylation of CRMP2 is involved in proper bifurcation of the apical dendrite of hippocampal CA1 pyramidal neurons. <i>Developmental Neurobiology</i> , <b>2013</b> , 73, 142-51	3-2	33
1	CRMP4 suppresses apical dendrite bifurcation of CA1 pyramidal neurons in the mouse hippocampus. <i>Developmental Neurobiology</i> , <b>2012</b> , 72, 1447-57	3-2	51