

# Roland Patai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4934280/publications.pdf>

Version: 2024-02-01

17  
papers

156  
citations

1306789

7  
h-index

1199166

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of the neurovascular unit to brain metastatic breast cancer cells. <i>Acta Neuropathologica Communications</i> , 2019, 7, 133.	2.4	24
2	Calcium in the pathomechanism of amyotrophic lateral sclerosis â€“ Taking center stage?. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 1031-1039.	1.0	16
3	Similarities and Differences in the Effects of Toxic Concentrations of Cadmium and Chromium on the Structure and Functions of Thylakoid Membranes in <i>Chlorella variabilis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 1006.	1.7	15
4	Role of Protein-Water Interface in the Stacking Interactions of Granum Thylakoid Membranesâ€™As Revealed by the Effects of Hofmeister Salts. <i>Frontiers in Plant Science</i> , 2020, 11, 1257.	1.7	12
5	&lt;p&gt;Presence of Titanium and Toxic Effects Observed in Rat Lungs, Kidneys, and Central Nervous System in vivo and in Cultured Astrocytes in vitro on Exposure by Titanium Dioxide Nanorods&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9939-9960.	3.3	12
6	Examination of the Role of Mitochondrial Morphology and Function in the Cardioprotective Effect of Sodium Nitrite Administered 24 h Before Ischemia/Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2018, 9, 286.	1.6	11
7	Experimental Motor Neuron Disease Induced in Mice with Long-Term Repeated Intraperitoneal Injections of Serum from ALS Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2573.	1.8	11
8	Ascorbate inactivates the oxygenâ€™evolving complex in prolonged darkness. <i>Physiologia Plantarum</i> , 2021, 171, 232-245.	2.6	10
9	Detection and Molecular Characterization of Novel dsRNA Viruses Related to the Totiviridae Family in <i>Umbelopsis ramanniana</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 249.	1.8	9
10	Axotomy Leads to Reduced Calcium Increase and Earlier Termination of CCL2 Release in Spinal Motoneurons with Upregulated Parvalbumin Followed by Decreased Neighboring Microglial Activation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 356-367.	0.8	7
11	Upregulation of Nucleotide-Binding Oligomerization Domain-, LRR- and Pyrin Domain-Containing Protein 3 in Motoneurons Following Peripheral Nerve Injury in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 584184.	1.6	6
12	Presymptomatically applied AMPA receptor antagonist prevents calcium increase in vulnerable type of motor axon terminals of mice modeling amyotrophic lateral sclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1739-1748.	1.8	5
13	Diazoxide blocks or reduces microgliosis when applied prior or subsequent to motor neuron injury in mice. <i>Brain Research</i> , 2020, 1741, 146875.	1.1	4
14	Passive Transfer of Blood Sera from ALS Patients with Identified Mutations Results in Elevated Motoneuronal Calcium Level and Loss of Motor Neurons in the Spinal Cord of Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9994.	1.8	4
15	Characterization of Four Novel dsRNA Viruses Isolated from <i>MucorÂhiemalis</i> Strains. <i>Viruses</i> , 2021, 13, 2319.	1.5	4
16	Passive Transfer of Sera from ALS Patients with Identified Mutations Evokes an Increased Synaptic Vesicle Number and Elevation of Calcium Levels in Motor Axon Terminals, Similar to Sera from Sporadic Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5566.	1.8	3
17	Biodistribution and Cellular Internalization of Inactivated SARS-CoV-2 in Wild-Type Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7609.	1.8	2