

# Thomas B Kuhn

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

576  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulating actin dynamics in neuronal growth cones by ADF/cofilin and Rho family GTPases. <i>Journal of Neurobiology</i> , 2000, 44, 126-144.	3.6	163
2	Cdc42 stimulates neurite outgrowth and formation of growth cone filopodia and lamellipodia. <i>Journal of Neurobiology</i> , 2000, 43, 352-364.	3.6	95
3	Rac1-dependent actin filament organization in growth cones is necessary for $\beta$ 1-integrin-mediated advance but not for growth on poly-D-lysine. <i>Journal of Neurobiology</i> , 1998, 37, 524-540.	3.6	82
4	Amyloid- $\beta$ 2 and Proinflammatory Cytokines Utilize a Prion Protein-Dependent Pathway to Activate NADPH Oxidase and Induce Cofilin-Actin Rods in Hippocampal Neurons. <i>PLoS ONE</i> , 2014, 9, e95995.	2.5	58
5	Neutral sphingomyelinase activation precedes NADPH oxidase-dependent damage in neurons exposed to the proinflammatory cytokine tumor necrosis factor- $\alpha$ . <i>Journal of Neuroscience Research</i> , 2012, 90, 229-242.	2.9	49
6	Cofilin and Actin Dynamics: Multiple Modes of Regulation and Their Impacts in Neuronal Development and Degeneration. <i>Cells</i> , 2021, 10, 2726.	4.1	49
7	A Genetically Encoded Reporter for Real-Time Imaging of Cofilin-Actin Rods in Living Neurons. <i>PLoS ONE</i> , 2013, 8, e83609.	2.5	22
8	HIV Associated Neurodegenerative Disorders: A New Perspective on the Role of Lipid Rafts in Gp120-Mediated Neurotoxicity. <i>Current HIV Research</i> , 2019, 16, 258-269.	0.5	21
9	Direct interaction of HIV gp120 with neuronal CXCR4 and CCR5 receptors induces cofilin-actin rod pathology via a cellular prion protein- and NOX-dependent mechanism. <i>PLoS ONE</i> , 2021, 16, e0248309.	2.5	15
10	Oxygen Radicals Elicit Paralysis and Collapse of Spinal Cord Neuron Growth Cones upon Exposure to Proinflammatory Cytokines. <i>BioMed Research International</i> , 2014, 2014, 1-20.	1.9	14
11	Assessing oxidative stress in Steller sea lions ( <i>Eumetopias jubatus</i> ): Associations with mercury and selenium concentrations. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 235, 108786.	2.6	6
12	Enhanced quantification of serum immunoglobulin G from a non-model wildlife species, the Steller sea lion ( <i>Eumetopias jubatus</i> ), using a protein A ELISA. <i>Journal of Immunological Methods</i> , 2018, 462, 42-47.	1.4	1
13	Regulating actin dynamics in neuronal growth cones by ADF/cofilin and Rho family GTPases. <i>Journal of Neurobiology</i> , 2000, 44, 126.	3.6	1
14	The Role of Chemokine Co-receptor CXCR4 in HIV-1 gp120 Induced Synaptic Dysfunction. <i>FASEB Journal</i> , 2019, 33, 791.17.	0.5	0