

# Sumio Terada

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,485  
citations

759233

12  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3392  
citing authors

#	ARTICLE	IF	CITATIONS
1	POLARIS, a versatile probe for molecular orientation, revealed actin filaments associated with microtubule asters in early embryos. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
2	Development of nanobody-based POLARIS orientation probes enabled multi-color/multi-target orientation imaging in living cells. Biochemical and Biophysical Research Communications, 2021, 565, 50-56.	2.1	1
3	Genetically encoded orientation probes for F-actin for fluorescence polarization microscopy. Microscopy (Oxford, England), 2019, 68, 359-368.	1.5	13
4	Semi- <i>in situ</i> atomic force microscopy imaging of intracellular neurofilaments under physiological conditions through the "sandwich" method. Microscopy (Oxford, England), 2016, 65, 316-324.	1.5	7
5	Direct label-free measurement of the distribution of small molecular weight compound inside thick biological tissue using coherent Raman microspectroscopy. Scientific Reports, 2015, 5, 13868.	3.3	7
6	Heterodyne CARS measurement of inhalational anesthetic molecules using adaptively phase-modulated femtosecond pulses. , 2011, , .		0
7	In vivomolecular labeling of halogenated volatile anesthetics via intrinsic molecular vibrations using nonlinear Raman spectroscopy. Journal of Chemical Physics, 2011, 134, 024525.	3.0	9
8	Improved signal extraction method for single-pulse heterodyne CARS spectroscopy. , 2010, , .		2
9	Adhesamine, a new synthetic molecule, accelerates differentiation and prolongs survival of primary cultured mouse hippocampal neurons. Biochemical Journal, 2010, 427, 297-304.	3.7	10
10	Relationships between psychological distress, coping styles, and HPA axis reactivity in healthy adults. Journal of Psychiatric Research, 2010, 44, 865-873.	3.1	56
11	Kinesin-1/Hsc70-dependent mechanism of slow axonal transport and its relation to fast axonal transport. EMBO Journal, 2010, 29, 843-854.	7.8	47
12	Functional near-infrared spectroscopy reveals altered hemispheric laterality in relation to schizotypy during verbal fluency task. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1944-1951.	4.8	38
13	Where does slow axonal transport go?. Neuroscience Research, 2003, 47, 367-372.	1.9	12
14	Kinesin Superfamily Protein 2A (KIF2A) Functions in Suppression of Collateral Branch Extension. Cell, 2003, 114, 229-239.	28.9	261
15	Charcot-Marie-Tooth Disease Type 2A Caused by Mutation in a Microtubule Motor KIF1B <sup>Δ2</sup> . Cell, 2001, 105, 587-597.	28.9	725
16	Moving on to the cargo problem of microtubule-dependent motors in neurons. Current Opinion in Neurobiology, 2000, 10, 566-573.	4.2	60
17	KIF5C, a Novel Neuronal Kinesin Enriched in Motor Neurons. Journal of Neuroscience, 2000, 20, 6374-6384.	3.6	275
18	Kinesin Superfamily Protein 3 (Kif3) Motor Transports Fodrin-Associating Vesicles Important for Neurite Building. Journal of Cell Biology, 2000, 148, 1255-1266.	5.2	179

#	ARTICLE	IF	CITATIONS
19	Oligomeric Tubulin in Large Transporting Complex Is Transported via Kinesin in Squid Giant Axons. <i>Cell</i> , 2000, 103, 141-155.	28.9	130
20	Impairment of Inhibitory Synaptic Transmission in Mice Lacking Synapsin I. <i>Journal of Cell Biology</i> , 1999, 145, 1039-1048.	5.2	74
21	Defect in Synaptic Vesicle Precursor Transport and Neuronal Cell Death in KIF1A Motor Protein-deficient Mice. <i>Journal of Cell Biology</i> , 1998, 141, 431-441.	5.2	269
22	Visualization of the Dynamics of Synaptic Vesicle and Plasma Membrane Proteins in Living Axons. <i>Journal of Cell Biology</i> , 1998, 140, 659-674.	5.2	298
23	Production and Analysis of Mice Deficient in Microtubule-Associated-Protein Tau.. <i>Proceedings of the Japanese Society of Animal Models for Human Diseases</i> , 1995, 11, 32-40.	0.0	0