

# Takao Nakata

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,480  
citations

687363

13  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charcot-Marie-Tooth Disease Type 2A Caused by Mutation in a Microtubule Motor KIF1B <sup>2</sup> . <i>Cell</i> , 2001, 105, 587-597.	28.9	725
2	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
3	Microtubules provide directional cues for polarized axonal transport through interaction with kinesin motor head. <i>Journal of Cell Biology</i> , 2003, 162, 1045-1055.	5.2	286
4	Kinesin Superfamily Protein 2A (KIF2A) Functions in Suppression of Collateral Branch Extension. <i>Cell</i> , 2003, 114, 229-239.	28.9	261
5	Synergistic effects of MAP2 and MAP1B knockout in neuronal migration, dendritic outgrowth, and microtubule organization. <i>Journal of Cell Biology</i> , 2001, 155, 65-76.	5.2	256
6	The KIF3 motor transports N-cadherin and organizes the developing neuroepithelium. <i>Nature Cell Biology</i> , 2005, 7, 474-482.	10.3	156
7	Preferential binding of a kinesin-1 motor to GTP-tubulin-rich microtubules underlies polarized vesicle transport. <i>Journal of Cell Biology</i> , 2011, 194, 245-255.	5.2	137
8	Role of KIF3 motor protein in Golgi positioning and integration. <i>Journal of Cell Biology</i> , 2002, 158, 293-303.	5.2	77
9	Optogenetic Control of PIP3: PIP3 Is Sufficient to Induce the Actin-Based Active Part of Growth Cones and Is Regulated via Endocytosis. <i>PLoS ONE</i> , 2013, 8, e70861.	2.5	67
10	Light generation of intracellular Ca <sup>2+</sup> signals by a genetically encoded protein BACCS. <i>Nature Communications</i> , 2015, 6, 8021.	12.8	67
11	Chronological expression of microtubule-associated proteins (MAPs) in EC cell P19 after neuronal induction by retinoic acid. <i>Brain Research</i> , 1992, 596, 269-278.	2.2	54
12	Molecular Motor KIF1C Is Not Essential for Mouse Survival and Motor-Dependent Retrograde Golgi Apparatus-to-Endoplasmic Reticulum Transport. <i>Molecular and Cellular Biology</i> , 2002, 22, 866-873.	2.3	31
13	Neuronal Polarity and the Kinesin Superfamily Proteins. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007, 2007, pe6-pe6.	3.9	19
14	A muscle fatigue-like contractile decline was recapitulated using skeletal myotubes from Duchenne muscular dystrophy patient-derived iPSCs. <i>Cell Reports Medicine</i> , 2021, 2, 100298.	6.5	17
15	Optogenetic control of small GTPases reveals RhoA mediates intracellular calcium signaling. <i>Journal of Biological Chemistry</i> , 2021, 296, 100290.	3.4	11
16	Optogenetic manipulation of intracellular calcium by BACCS promotes differentiation of MC3T3-E1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 716-722.	2.1	6
17	Redistribution of Synapsin I and Synaptophysin in Response to Electrical Stimulation in the Rat Neurohypophysial Nerve Endings. <i>Cell Structure and Function</i> , 1994, 19, 253-262.	1.1	5
18	The RAS-interacting chaperone UNC119 drives the RASSF6-MDM2-p53 axis and antagonizes RAS-mediated malignant transformation. <i>Journal of Biological Chemistry</i> , 2020, 295, 11214-11230.	3.4	4

#	ARTICLE	IF	CITATIONS
19	Is dynamin a microtubule-associated motor in neurons?. Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society, 1992, 17, 128.	0.0	0
20	613 The characterization of KIF2, a new member of kinesin superfamily expressed in the nervous and immune system. Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society, 1993, 18, S75.	0.0	0