

# Osamu Sato

## List of Publications by Year in descending order

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17  
papers

514  
citations

949033

11  
h-index

1113639

15  
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18  
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18  
docs citations

18  
times ranked

649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-associated myosin 19 processively transports mitochondria on actin tracks in living cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101883.	1.6	15
2	Myo5b Transports Fibronectin-Containing Vesicles and Facilitates FN1 Secretion from Human Pleural Mesothelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4823.	1.8	6
3	Cryo-EM structure of the inhibited (10S) form of myosin II. <i>Nature</i> , 2020, 588, 521-525.	13.7	59
4	The central role of the tail in switching off 10S myosin II activity. <i>Journal of General Physiology</i> , 2019, 151, 1081-1093.	0.9	15
5	Linking substrate and nucleus via actin cytoskeleton in pluripotency maintenance of mouse embryonic stem cells. <i>Stem Cell Research</i> , 2019, 41, 101614.	0.3	16
6	Interacting-heads motif has been conserved as a mechanism of myosin II inhibition since before the origin of animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1991-E2000.	3.3	70
7	The Antiparallel Dimerization of Myosin X Imparts Bundle Selectivity for Processive Motility. <i>Biophysical Journal</i> , 2018, 114, 1400-1410.	0.2	12
8	Human myosin VIIa is a very slow processive motor protein on various cellular actin structures. <i>Journal of Biological Chemistry</i> , 2017, 292, 10950-10960.	1.6	17
9	Activated full-length myosin-X moves processively on filopodia with large steps toward diverse two-dimensional directions. <i>Scientific Reports</i> , 2017, 7, 44237.	1.6	12
10	Structure and Regulation of the Movement of Human Myosin VIIA. <i>Journal of Biological Chemistry</i> , 2015, 290, 17587-17598.	1.6	34
11	The effect of novel mutations on the structure and enzymatic activity of unconventional myosins associated with autosomal dominant non-syndromic hearing loss. <i>Open Biology</i> , 2014, 4, 140107.	1.5	19
12	Phospholipid-dependent regulation of the motor activity of myosin X. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 783-788.	3.6	98
13	Single-molecule stepping and structural dynamics of myosin X. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 485-491.	3.6	100
14	Myosin Va Becomes a Low Duty Ratio Motor in the Inhibited Form. <i>Journal of Biological Chemistry</i> , 2007, 282, 13228-13239.	1.6	20
15	2P117 Analysis of unconventional myosins by spectroscopic electron cryo-microscopy(Molecular) Tj ETQq1 1 0.784314 rgBT /Overlock	0.0	0
16	1P286 Analysis of unconventional myosins by spectroscopic electron cryomicroscopy.(9. Molecular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 S218.	0.0	0
17	Human Deafness Mutation of Myosin VI (C442Y) Accelerates the ADP Dissociation Rate. <i>Journal of Biological Chemistry</i> , 2004, 279, 28844-28854.	1.6	21