

# Suvranta K Tripathy

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

617  
citations

1163065

8  
h-index

1474186

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microtubule detyrosination guides chromosomes during mitosis. <i>Science</i> , 2015, 348, 799-803.	12.6	202
2	Mechanical stochastic tug-of-war models cannot explain bidirectional lipid-droplet transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18960-18965.	7.1	174
3	Calibration of Optical Tweezers for In Vivo Force Measurements: How do Different Approaches Compare?. <i>Biophysical Journal</i> , 2014, 107, 1474-1484.	0.5	98
4	Autoregulatory mechanism for dynactin control of processive and diffusive dynein transport. <i>Nature Cell Biology</i> , 2014, 16, 1192-1201.	10.3	63
5	Casein kinase 2 reverses tail-independent inactivation of kinesin-1. <i>Nature Communications</i> , 2012, 3, 754.	12.8	33
6	Stokes and anti-Stokes resonant Raman scatterings from biased GaN/AlN heterostructure. <i>Applied Physics Letters</i> , 2008, 93, 051912.	3.3	17
7	Phonon-assisted ultraviolet anti-Stokes photoluminescence from GaN film grown on Si (111) substrate. <i>Applied Physics Letters</i> , 2008, 93, 201107.	3.3	15
8	Anti-Stokes photoluminescence from n-type free-standing GaN at room temperature based on competition between phonon-assisted and two-photon absorption. <i>Semiconductor Science and Technology</i> , 2009, 24, 055010.	2.0	11
9	The sodium proton exchanger NHE9 regulates phagosome maturation and bactericidal activity in macrophages. <i>Journal of Biological Chemistry</i> , 2022, 298, 102150.	3.4	4
10	Anti-Stokes Raman scattering of photoluminescence phonon replica in gan heterostructures: An effective technique for Probing Hot Phonons. , 2007, , .		0
11	Resonant Raman scattering of coherent picosecond pulses by one and two longitudinal-optical phonons in GaN film grown on silicon (111) substrate. , 2008, , .		0