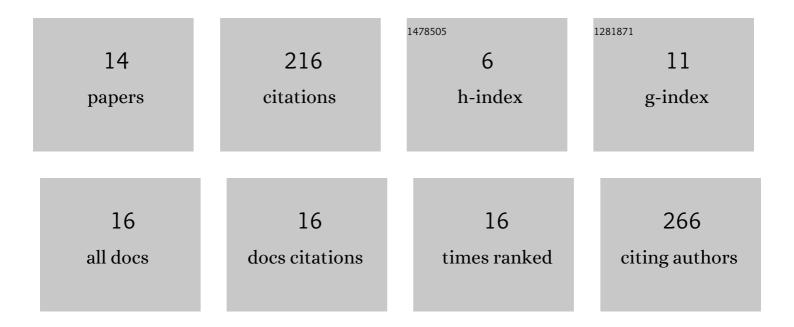
Dana N Reinemann

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Collective Force Regulation in Anti-parallel Microtubule Gliding by Dimeric Kif15 Kinesin Motors. Current Biology, 2017, 27, 2810-2820.e6.	3.9	46
2	Intracellular cargo transport by single-headed kinesin motors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6152-6161.	7.1	43
3	Processive Kinesin-14 HSET Exhibits Directional Flexibility Depending on Motor Traffic. Current Biology, 2018, 28, 2356-2362.e5.	3.9	36
4	Neck linker docking is critical for Kinesin-1 force generation in cells but at a cost to motor speed and processivity. ELife, 2019, 8, .	6.0	31
5	A kinesin-1 variant reveals motor-induced microtubule damage in cells. Current Biology, 2022, 32, 2416-2429.e6.	3.9	19
6	Vibrational Spectroscopy of N-Methyliminodiacetic Acid (MIDA)-Protected Boronate Ester: Examination of the B–N Dative Bond. Journal of Physical Chemistry A, 2011, 115, 6426-6431.	2.5	16
7	Bioconjugated Core–Shell Microparticles for Highâ€Force Optical Trapping. Particle and Particle Systems Characterization, 2018, 35, 1700448.	2.3	6
8	Characterizing the BP Stretching Vibration in Phosphorus‣ubstituted Phosphine Boranes. ChemPhysChem, 2014, 15, 1867-1871.	2.1	5
9	Measuring force generation within reconstituted microtubule bundle assemblies using optical tweezers. Cytoskeleton, 2021, 78, 111-125.	2.0	3
10	Tracking the Amide I and αCOOâ^' Terminal ν(C=O) Raman Bands in a Family of l-Glutamic Acid-Containing Peptide Fragments: A Raman and DFT Study. Molecules, 2021, 26, 4790.	3.8	3
11	Raman and SERS Spectroscopy of N-Methyliminodiacetic Acid (MIDA)-Protected Boronate Esters. , 2010, ,		1
12	Determination of vibrational band positions in the E-hook of β-tubulin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118895.	3.9	1
13	Single Molecule Characterization of Mitotic Kif15 Reveals Capability to Generate Force in Anti-Parallel Microtubules. Biophysical Journal, 2017, 112, 44a-45a.	0.5	0
14	Bio-Functionalized Core-Shell Microparticles for High Force Optical Trapping. Biophysical Journal, 2018, 114, 352a.	0.5	0