

# Gadiel Saper

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4098657/publications.pdf>

Version: 2024-02-01

14  
papers

439  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Live cyanobacteria produce photocurrent and hydrogen using both the respiratory and photosynthetic systems. <i>Nature Communications</i> , 2018, 9, 2168.	12.8	104
2	Synthetic Systems Powered by Biological Molecular Motors. <i>Chemical Reviews</i> , 2020, 120, 288-309.	47.7	100
3	Hybrid bio-photo-electro-chemical cells for solar water splitting. <i>Nature Communications</i> , 2016, 7, 12552.	12.8	74
4	Effect of capsid confinement on the chromatin organization of the SV40 minichromosome. <i>Nucleic Acids Research</i> , 2013, 41, 1569-1580.	14.5	29
5	Engineering with Biomolecular Motors. <i>Accounts of Chemical Research</i> , 2018, 51, 3015-3022.	15.6	27
6	Photosynthetic Membranes of Synechocystis or Plants Convert Sunlight to Photocurrent through Different Pathways due to Different Architectures. <i>PLoS ONE</i> , 2015, 10, e0122616.	2.5	26
7	The Photosystem II D1-K238E mutation enhances electrical current production using cyanobacterial thylakoid membranes in a bio-photoelectrochemical cell. <i>Photosynthesis Research</i> , 2015, 126, 161-169.	2.9	23
8	Osmotically Induced Reversible Transitions in Lipid-DNA Mesophases. <i>Biophysical Journal</i> , 2009, 96, L43-L45.	0.5	17
9	Modulating the structure and interactions of lipid-peptide complexes by varying membrane composition and solution conditions. <i>Soft Matter</i> , 2013, 9, 7117.	2.7	15
10	Optical Control of Mitosis with a Photoswitchable Eg5 Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
11	Microtubule Detachment in Gliding Motility Assays Limits the Performance of Kinesin-Driven Molecular Shuttles. <i>Langmuir</i> , 2020, 36, 7901-7907.	3.5	8
12	Robotic end-to-end fusion of microtubules powered by kinesin. <i>Science Robotics</i> , 2021, 6, eabj7200.	17.6	3
13	Kinesin-propelled label-free microtubules imaged with interference reflection microscopy. <i>New Journal of Physics</i> , 2020, 22, 095002.	2.9	2
14	Optical Control of Mitosis with a Photoswitchable Eg5 Inhibitor. <i>Angewandte Chemie</i> , 0, , .	2.0	0