

# Daniel J Rosenberg

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

627  
citations

687363

13  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature cycling of metal fluoride electrodes: Liquid electrolytes for high-energy fluoride ion cells. <i>Science</i> , 2018, 362, 1144-1148.	12.6	157
2	Quantitative Protein Corona Composition and Dynamics on Carbon Nanotubes in Biological Environments. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23668-23677.	13.8	78
3	Allosteric activation of the nitric oxide receptor soluble guanylate cyclase mapped by cryo-electron microscopy. <i>ELife</i> , 2019, 8, .	6.0	66
4	Structural basis for AcrVA4 inhibition of specific CRISPR-Cas12a. <i>ELife</i> , 2019, 8, .	6.0	41
5	Transient and stabilized complexes of Nsp7, Nsp8, and Nsp12 in SARS-CoV-2 replication. <i>Biophysical Journal</i> , 2021, 120, 3152-3165.	0.5	39
6	Human XPG nuclease structure, assembly, and activities with insights for neurodegeneration and cancer from pathogenic mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14127-14138.	7.1	37
7	A key interaction with RPA orients XPA in NER complexes. <i>Nucleic Acids Research</i> , 2020, 48, 2173-2188.	14.5	34
8	Chemical crystallography by serial femtosecond X-ray diffraction. <i>Nature</i> , 2022, 601, 360-365.	27.8	33
9	Small angle X-ray scattering-assisted protein structure prediction in CASP13 and emergence of solution structure differences. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 1298-1314.	2.6	24
10	Structural analysis of a new carotenoid-binding protein: the C-terminal domain homolog of the OCP. <i>Scientific Reports</i> , 2020, 10, 15564.	3.3	18
11	Quantitative Protein Corona Composition and Dynamics on Carbon Nanotubes in Biological Environments. <i>Angewandte Chemie</i> , 2020, 132, 23876-23885.	2.0	16
12	Rigid monoclonal antibodies improve detection of SARS-CoV-2 nucleocapsid protein. <i>MAbs</i> , 2021, 13, 1905978.	5.2	16
13	Synthesis of microporous silica nanoparticles to study water phase transitions by vibrational spectroscopy. <i>Nanoscale Advances</i> , 2019, 1, 4878-4887.	4.6	15
14	Albumin in patients with liver disease shows an altered conformation. <i>Communications Biology</i> , 2021, 4, 731.	4.4	14
15	Visualizing functional dynamicity in the DNA-dependent protein kinase holoenzyme DNA-PK complex by integrating SAXS with cryo-EM. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 163, 74-86.	2.9	13
16	Combined Solution and Crystal Methods Reveal the Electrostatic Tethers That Provide a Flexible Platform for Replication Activities in the Bacteriophage T7 Replisome. <i>Biochemistry</i> , 2019, 58, 4466-4479.	2.5	10
17	Investigation of Nucleation and Growth at a Liquid-Liquid Interface by Solvent Exchange and Synchrotron Small-Angle X-Ray Scattering. <i>Frontiers in Chemistry</i> , 2021, 9, 593637.	3.6	5
18	Monitoring Nuclease Activity by X-Ray Scattering Interferometry Using Gold Nanoparticle-Conjugated DNA. <i>Methods in Molecular Biology</i> , 2022, 2444, 183-205.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Hydrothermal synthesis and characterization under dynamic conditions of cobalt oxide nanoparticles supported over magnesium oxide nano-plates. Dalton Transactions, 2016, 45, 9932-9941.	3.3	4