

David K Johnson

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Macromolecular modeling and design in Rosetta: recent methods and frameworks. <i>Nature Methods</i> , 2020, 17, 665-680.	19.0	513
2	The SARS-CoV-2 Conserved Macrodomain Is a Mono-ADP-Ribosylhydrolase. <i>Journal of Virology</i> , 2021, 95, .	3.4	98
3	Druggable Protein Interaction Sites Are More Predisposed to Surface Pocket Formation than the Rest of the Protein Surface. <i>PLoS Computational Biology</i> , 2013, 9, e1002951.	3.2	80
4	The fungal natural product azaphilone-9 binds to HuR and inhibits HuR-RNA interaction in vitro. <i>PLoS ONE</i> , 2017, 12, e0175471.	2.5	45
5	Ultra-High-Throughput Structure-Based Virtual Screening for Small-Molecule Inhibitors of Protein-Protein Interactions. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 399-411.	5.4	44
6	The <i>Legionella pneumophila</i> Metaeffector Lpg2505 (MesI) Regulates SidI-Mediated Translation Inhibition and Novel Glycosyl Hydrolase Activity. <i>Infection and Immunity</i> , 2020, 88, .	2.2	23
7	Unique Mutations in the Murine Hepatitis Virus Macrodomain Differentially Attenuate Virus Replication, Indicating Multiple Roles for the Macrodomain in Coronavirus Replication. <i>Journal of Virology</i> , 2021, 95, e0076621.	3.4	22
8	Selectivity by Small-Molecule Inhibitors of Protein Interactions Can Be Driven by Protein Surface Fluctuations. <i>PLoS Computational Biology</i> , 2015, 11, e1004081.	3.2	20
9	DARC: Mapping Surface Topography by Ray-Casting for Effective Virtual Screening at Protein Interaction Sites. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4152-4170.	6.4	20
10	The Structures of SctK and SctD from <i>Pseudomonas aeruginosa</i> Reveal the Interface of the Type III Secretion System Basal Body and Sorting Platform. <i>Journal of Molecular Biology</i> , 2020, 432, 166693.	4.2	14
11	Structural and ligand binding analyses of the periplasmic sensor domain of RsbU in <i>Chlamydia trachomatis</i> support a role in TCA cycle regulation. <i>Molecular Microbiology</i> , 2020, 113, 68-88.	2.5	11
12	Costameric integrin and sarcoglycan protein levels are altered in a <i>Drosophila</i> model for Limb-girdle muscular dystrophy type 2H. <i>Molecular Biology of the Cell</i> , 2021, 32, 260-273.	2.1	9
13	Sulfamate-tethered aza-Wacker approach towards analogs of Bactobolin A. <i>Medicinal Chemistry Research</i> , 2021, 30, 1348-1357.	2.4	9
14	Computational Screening and Design for Compounds that Disrupt Protein-protein Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 2703-2714.	2.1	7
15	Modulating β^2 -arrestin 2 recruitment at the β^1 - and β^4 -opioid receptors using peptidomimetic ligands. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1958-1967.	3.9	6
16	Simple and rapid high-throughput assay to identify HSV-1 ICPO transactivation inhibitors. <i>Antiviral Research</i> , 2021, 194, 105160.	4.1	5
17	Preformulation Characterization and the Effect of Ionic Excipients on the Stability of a Novel DB Fusion Protein. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 108-123.	3.3	2
18	The Discovery of Conformationally Constrained Bicyclic Peptidomimetics as Potent Hepatitis C NS5A Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1649-1655.	2.8	2

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19	Influence of ligand geometry on cholinesterase enzyme - A comparison of 1-isoindolinone based structural analog with Donepezil. Journal of Molecular Structure, 2022, 1247, 131385.	3.6	2
20	P2â€559: DIFFERENCES IN THE EXPERIENCE OF CAREGIVING BETWEEN SPOUSE AND ADULT CHILD CAREGIVERS IN DEMENTIA WITH LEWY BODIES. Alzheimer's and Dementia, 2018, 14, P951.	0.8	1
21	P3â€522: DIFFERENCES IN CAREGIVER GRIEF AND BURDEN AMONG DEMENTIA WITH LEWY BODIES, DEMENTIA OF THE ALZHEIMER'S TYPE, AND DEMENTIA ASSOCIATED WITH PARKINSON'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1322.	0.8	0
22	Fatty Acid Composition by Total Acyl Lipid Collision-Induced Dissociation Time-of-Flight (TAL-CID-TOF) Mass. Methods in Molecular Biology, 2021, 2295, 117-133.	0.9	0
23	Measurement invariance of a neuropsychological battery across urban and rural older adults in Costa Rica. Applied Neuropsychology Adult, 2022, , 1-12.	1.2	0