

Markus W Voehler

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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1040056

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940533

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g-index

17
all docs

17
docs citations

17
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of cryogenic probes as a function of ionic strength and sample tube geometry. <i>Journal of Magnetic Resonance</i> , 2006, 183, 102-109.	2.1	82
2	A Mechanism of Calmodulin Modulation of the Human Cardiac Sodium Channel. <i>Structure</i> , 2018, 26, 683-694.e3.	3.3	43
3	Structural and biochemical differences between the Notch and the amyloid precursor protein transmembrane domains. <i>Science Advances</i> , 2017, 3, e1602794.	10.3	38
4	Bicelles Rich in both Sphingolipids and Cholesterol and Their Use in Studies of Membrane Proteins. <i>Journal of the American Chemical Society</i> , 2020, 142, 12715-12729.	13.7	29
5	Isolation and Characterization of Two Geometric Allene Oxide Isomers Synthesized from 9S-Hydroperoxylinoleic Acid by Cytochrome P450 CYP74C3. <i>Journal of Biological Chemistry</i> , 2013, 288, 20797-20806.	3.4	23
6	Molecular Basis for the Interaction Between α 4 and its Accessory Protein, Tepsin. <i>Traffic</i> , 2016, 17, 400-415.	2.7	21
7	Residues in the RecQ C-terminal Domain of the Human Werner Syndrome Helicase Are Involved in Unwinding G-quadruplex DNA. <i>Journal of Biological Chemistry</i> , 2017, 292, 3154-3163.	3.4	19
8	Modulation of the Structure, Catalytic Activity, and Fidelity of African Swine Fever Virus DNA Polymerase X by a Reversible Disulfide Switch. <i>Journal of Biological Chemistry</i> , 2009, 284, 18434-18444.	3.4	11
9	Structure of a Stable Interstrand DNA Cross-Link Involving a β -Glycosyl Linkage Between an ϵ -dA Amino Group and an Abasic Site. <i>Biochemistry</i> , 2021, 60, 41-52.	2.5	11
10	DNA Sequence Modulates the Efficiency of NEIL1-Catalyzed Excision of the Aflatoxin B ₁ -Induced Formamidopyrimidine Guanine Adduct. <i>Chemical Research in Toxicology</i> , 2021, 34, 901-911.	3.3	7
11	Atomic View of Aqueous Cyclosporine A: Unpacking a Decades-Old Mystery. <i>Journal of the American Chemical Society</i> , 2022, 144, 12602-12607.	13.7	7
12	Carbon and amide detect backbone assignment methods of a novel repeat protein from the staphylocoagulase in <i>S. aureus</i> . <i>Biomolecular NMR Assignments</i> , 2017, 11, 243-249.	0.8	3
13	Verteporfin is a substrate-selective β -secretase inhibitor that binds the amyloid precursor protein transmembrane domain. <i>Journal of Biological Chemistry</i> , 2022, 298, 101792.	3.4	3
14	NMR resonance assignments of RNase P protein from <i>Thermotoga maritima</i> . <i>Biomolecular NMR Assignments</i> , 2018, 12, 183-187.	0.8	2
15	Configurational and Conformational Equilibria of N6-(2-Deoxy-d-erythro-pentofuranosyl)-2,6-diamino-3,4-dihydro-4-oxo-5-N-methylformamidopyrimidine (MeFapy-dG) Lesion in DNA. <i>Chemical Research in Toxicology</i> , 2018, 31, 924-935.	3.3	2
16	Biophysical characterization of interactions between the C-termini of peripheral nerve claudins and the PDZ1 domain of zonula occludens. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 87-93.	2.1	1
17	Mapping of the fibrinogen-binding site on the staphylocoagulase C-terminal repeat region. <i>Journal of Biological Chemistry</i> , 2022, 298, 101493.	3.4	1