

Aleem Syed

List of Publications by Year in descending order

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18
papers

1,001
citations

1163117

8
h-index

888059

17
g-index

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18
docs citations

18
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Universally Accessible Structural Data on Macromolecular Conformation, Assembly, and Dynamics by Small Angle X-Ray for Insights. <i>Methods in Molecular Biology</i> , 2022, 2444, 43-68.	0.9	1
3	A first-in-class polymerase theta inhibitor selectively targets homologous-recombination-deficient tumors. <i>Nature Cancer</i> , 2021, 2, 598-610.	13.2	168
4	GRB2 enforces homology-directed repair initiation by MRE11. <i>Science Advances</i> , 2021, 7, .	10.3	21
5	Charge Transport Communication through DNA by Protein Fe ⁴⁺ S Clusters: How Far Is Not Too Far?. <i>ACS Central Science</i> , 2019, 5, 7-9.	11.3	2
6	The MRE11 ⁺ RAD50 ⁺ NBS1 Complex Conducts the Orchestration of Damage Signaling and Outcomes to Stress in DNA Replication and Repair. <i>Annual Review of Biochemistry</i> , 2018, 87, 263-294.	11.1	303
7	Lateral diffusion and signaling of receptor for advanced glycation end-products (RAGE): a receptor involved in chronic inflammation. <i>European Biophysics Journal</i> , 2018, 47, 39-48.	2.2	3
8	Family of BODIPY Photocages Cleaved by Single Photons of Visible/Near-Infrared Light. <i>Journal of the American Chemical Society</i> , 2018, 140, 7343-7346.	13.7	205
9	Targeting Allostery with Avatars to Design Inhibitors Assessed by Cell Activity: Dissecting MRE11 Endo- and Exonuclease Activities. <i>Methods in Enzymology</i> , 2018, 601, 205-241.	1.0	20
10	Raman Imaging in Cell Membranes, Lipid-Rich Organelles, and Lipid Bilayers. <i>Annual Review of Analytical Chemistry</i> , 2017, 10, 271-291.	5.4	32
11	Ligand binding affinity and changes in the lateral diffusion of receptor for advanced glycation endproducts (RAGE). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 3141-3149.	2.6	8
12	The role of a conserved membrane proximal cysteine in altering β 2PS2 β PS integrin diffusion. <i>Physical Biology</i> , 2016, 13, 066005.	1.8	1
13	BODIPY-Derived Photoremovable Protecting Groups Unmasked with Green Light. <i>Journal of the American Chemical Society</i> , 2015, 137, 3783-3786.	13.7	206
14	Role of insulin receptor and insulin signaling on β 2PS2 β PS integrins TM lateral diffusion. <i>European Biophysics Journal</i> , 2014, 43, 603-611.	2.2	2
15	Self-Immolative Phthalate Esters Sensitive to Hydrogen Peroxide and Light. <i>Journal of Organic Chemistry</i> , 2014, 79, 11740-11743.	3.2	8
16	The Number of Accumulated Photons and the Quality of Stimulated Emission Depletion Lifetime Images. <i>Photochemistry and Photobiology</i> , 2014, 90, 767-772.	2.5	6
17	Single particle tracking with sterol modulation reveals the cholesterol-mediated diffusion properties of integrin receptors. <i>Physical Biology</i> , 2014, 11, 066001.	1.8	10
18	Extracellular, Membrane and Intracellular Proteins that Alter Integrin Cell Membrane Diffusion and Clustering. <i>Biophysical Journal</i> , 2013, 104, 252a.	0.5	0