Sudipta Majumdar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/831819/publications.pdf

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26	672	949033 11	759306 22
papers	citations	h-index	g-index

28	28	28	1255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-molecule Taq DNA polymerase dynamics. Science Advances, 2022, 8, eabl3522.	4.7	9
2	Predicting COVID-19 Severity with a Specific Nucleocapsid Antibody plus Disease Risk Factor Score. MSphere, 2021, 6, .	1.3	23
3	Viruses Masquerading as Antibodies in Biosensors: The Development of the Virus BioResistor. Accounts of Chemical Research, 2020, 53, 2384-2394.	7.6	8
4	3D-Printed Labware for High-Throughput Immobilization of Enzymes. Journal of Organic Chemistry, 2020, 85, 8480-8488.	1.7	9
5	Photostable and Proteolysis-Resistant FÃ¶rster Resonance Energy Transfer-Based Calcium Biosensor. Analytical Chemistry, 2020, 92, 7683-7689.	3.2	3
6	Pyrocinchonimides Conjugate to Amine Groups on Proteins via Imide Transfer. Bioconjugate Chemistry, 2020, 31, 1449-1462.	1.8	7
7	Virus Bioresistor (VBR) for Detection of Bladder Cancer Marker DJ-1 in Urine at 10 pM in One Minute. Analytical Chemistry, 2020, 92, 6654-6666.	3.2	19
8	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. PLoS ONE, 2020, 15, e0225807.	1.1	12
9	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. , 2020, 15, e0225807.		0
10	Vortex fluidics-mediated DNA rescue from formalin-fixed museum specimens. , 2020, 15, e0225807.		0
11	Electrochemical Quantification of Glycated and Non-glycated Human Serum Albumin in Synthetic Urine. ACS Applied Materials & Interfaces, 2019, 11, 4757-4765.	4.0	20
12	Directed evolution and biophysical characterization of a full-length, soluble, human caveolin-1 variant. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 963-972.	1.1	1
13	Continuous flow biocatalysis. Chemical Society Reviews, 2018, 47, 5891-5918.	18.7	258
14	Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie, 2017, 129, 2336-2341.	1.6	15
15	Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie - International Edition, 2017, 56, 2296-2301.	7.2	50
16	Frontispiece: Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie - International Edition, 2017, 56, .	7.2	0
17	Frontispiz: Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. Angewandte Chemie, 2017, 129, .	1.6	0
18	Dissecting binding of a Î²-barrel membrane protein by phage display. Molecular BioSystems, 2017, 13, 1438-1447.	2.9	2

#	Article	IF	Citations
19	Virus-Enabled Biosensor for Human Serum Albumin. Analytical Chemistry, 2017, 89, 1373-1381.	3.2	36
20	Affinity-Guided Design of Caveolin-1 Ligands for Deoligomerization. Journal of Medicinal Chemistry, 2016, 59, 4019-4025.	2.9	3
21	Solubilization of a Membrane Protein by Combinatorial Supercharging. ACS Chemical Biology, 2011, 6, 301-307.	1.6	10
22	In Vitro Evolution of Ligands to the Membrane Protein Caveolin. Journal of the American Chemical Society, 2011, 133, 9855-9862.	6.6	14
23	Phage display of functional, full-length human and viral membrane proteins. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5937-5940.	1.0	14
24	An NMR-Based Antagonist Induced Dissociation Assay for Targeting the Ligandâ^'Protein and Proteinâ^'Protein Interactions in Competition Binding Experiments. Journal of Medicinal Chemistry, 2007, 50, 4382-4387.	2.9	43
25	NMR and mass spectrometry studies of putative interactions of cell cycle proteins pRb and CDK6 with cell differentiation proteins MyoD and ID-2. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1750, 48-60.	1.1	10
26	The crystal structure of the non-liganded 14-3-3Ïƒ protein: insights into determinants of isoform specific ligand binding and dimerization. Cell Research, 2005, 15, 219-227.	5.7	103