Barbara Mouratou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5478788/publications.pdf

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23	573	567281 15	713466 21
papers	citations	h-index	g-index

24	24	24	595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The domain architecture of large guanine nucleotide exchange factors for the small GTP-binding protein Arf. BMC Genomics, 2005, 6, 20.	2.8	102
2	Remodeling a DNA-binding protein as a specific in vivo inhibitor of bacterial secretin PulD. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17983-17988.	7.1	78
3	Potent and Specific Inhibition of Glycosidases by Small Artificial Binding Proteins (Affitins). PLoS ONE, 2014, 9, e97438.	2.5	42
4	Tolerance of the archaeal Sac7d scaffold protein to alternative library designs: characterization of anti-immunoglobulin G Affitins. Protein Engineering, Design and Selection, 2013, 26, 267-275.	2.1	38
5	Role of the C-Terminal Helix in the Folding and Stability of Yeast Phosphoglycerate Kinase. Biochemistry, 1995, 34, 833-841.	2.5	36
6	Affitins as robust tailored reagents for affinity chromatography purification of antibodies and non-immunoglobulin proteins. Journal of Chromatography A, 2016, 1441, 44-51.	3.7	29
7	Ribosome Display for the Selection of Sac7d Scaffolds. Methods in Molecular Biology, 2012, 805, 315-331.	0.9	25
8	Conversion of Tyrosine Phenol-lyase to Dicarboxylic Amino Acid Î²-Lyase, an Enzyme Not Found in Nature. Journal of Biological Chemistry, 1999, 274, 1320-1325.	3.4	24
9	Artificial Affinity Proteins as Ligands of Immunoglobulins. Biomolecules, 2015, 5, 60-75.	4.0	24
10	Affitins for protein purification by affinity magnetic fishing. Journal of Chromatography A, 2016, 1457, 50-58.	3.7	22
11	The archaeal â€œ7â€‰kDa DNA-bindingâ€•proteins: extended characterization of an old gifted family. Scientific Reports, 2016, 6, 37274.	3.3	21
12	A novel, smaller scaffold for Affitins: Showcase with binders specific for EpCAM. Biotechnology and Bioengineering, 2018, 115, 290-299.	3.3	19
13	Switching an anti-IgG binding site between archaeal extremophilic proteins results in Affitins with enhanced pH stability. Journal of Biotechnology, 2014, 192, 123-129.	3.8	18
14	Affinity transfer to the archaeal extremophilic Sac7d protein by insertion of a CDR. Protein Engineering, Design and Selection, 2014, 27, 431-438.	2.1	16
15	Development of nonradioactive microtiter plate assays for nuclease activity. Analytical Biochemistry, 2002, 309, 40-47.	2.4	15
16	Application of a modified version of Habeeb's trinitrophenylation method for the characterization of haptenâ€“protein conjugates in a reversed micellar medium. Journal of Immunological Methods, 2002, 263, 75-83.	1.4	12
17	Transferred Nuclear Overhauser Effect Study of the C-Terminal Helix of Yeast Phosphoglycerate Kinase: NMR Solution Structure of the C-Terminal Bound Peptide. Biochemistry, 1995, 34, 842-846.	2.5	11
18	A method for the detection and screening of catalytic anti-DNA antibodies. Journal of Immunological Methods, 2002, 269, 147-155.	1.4	11

#	Article	IF	Citations
19	Multivalent Affidendrons with High Affinity and Specificity toward Staphylococcus aureus as Versatile Tools for Modulating Multicellular Behaviors. ACS Applied Materials & Interfaces, 2019, 11, 21391-21398.	8.0	11
20	Wholeâ€bacterium ribosome display selection for isolation of highly specific antiâ€Staphyloccocus aureus Affitins for detectionâ€and captureâ€based biomedical applications. Biotechnology and Bioengineering, 2019, 116, 1844-1855.	3.3	9
21	Affitins: Ribosome Display for Selection of Aho7c-Based Affinity Proteins. Methods in Molecular Biology, 2020, 2070, 19-41.	0.9	6
22	Amino Acid Analysis by High-Performance Liquid Chromatography after Derivatization with 1-Fluoro-2,4-dinitrophenyl-5-L-alanine Amide (Marfey's Reagent). , 2000, 159, 049-054.		4
23	Application of Affitins for Affinity Purification of Proteins. Methods in Molecular Biology, 2022, 2466, 37-48.	0.9	0