

# Barbara Mouratou

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

573  
citations

567281

15  
h-index

713466

21  
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24  
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24  
docs citations

24  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Affitins for Affinity Purification of Proteins. <i>Methods in Molecular Biology</i> , 2022, 2466, 37-48.	0.9	0
2	Affitins: Ribosome Display for Selection of Aho7c-Based Affinity Proteins. <i>Methods in Molecular Biology</i> , 2020, 2070, 19-41.	0.9	6
3	Multivalent Affidendrons with High Affinity and Specificity toward <i>Staphylococcus aureus</i> as Versatile Tools for Modulating Multicellular Behaviors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 21391-21398.	8.0	11
4	Whole-bacterium ribosome display selection for isolation of highly specific anti- <i>Staphylococcus aureus</i> Affitins for detection and capture-based biomedical applications. <i>Biotechnology and Bioengineering</i> , 2019, 116, 1844-1855.	3.3	9
5	A novel, smaller scaffold for Affitins: Showcase with binders specific for EpCAM. <i>Biotechnology and Bioengineering</i> , 2018, 115, 290-299.	3.3	19
6	The archaeal 70kDa DNA-binding proteins: extended characterization of an old gifted family. <i>Scientific Reports</i> , 2016, 6, 37274.	3.3	21
7	Affitins for protein purification by affinity magnetic fishing. <i>Journal of Chromatography A</i> , 2016, 1457, 50-58.	3.7	22
8	Affitins as robust tailored reagents for affinity chromatography purification of antibodies and non-immunoglobulin proteins. <i>Journal of Chromatography A</i> , 2016, 1441, 44-51.	3.7	29
9	Artificial Affinity Proteins as Ligands of Immunoglobulins. <i>Biomolecules</i> , 2015, 5, 60-75.	4.0	24
10	Affinity transfer to the archaeal extremophilic Sac7d protein by insertion of a CDR. <i>Protein Engineering, Design and Selection</i> , 2014, 27, 431-438.	2.1	16
11	Switching an anti-IgG binding site between archaeal extremophilic proteins results in Affitins with enhanced pH stability. <i>Journal of Biotechnology</i> , 2014, 192, 123-129.	3.8	18
12	Potent and Specific Inhibition of Glycosidases by Small Artificial Binding Proteins (Affitins). <i>PLoS ONE</i> , 2014, 9, e97438.	2.5	42
13	Tolerance of the archaeal Sac7d scaffold protein to alternative library designs: characterization of anti-immunoglobulin G Affitins. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 267-275.	2.1	38
14	Ribosome Display for the Selection of Sac7d Scaffolds. <i>Methods in Molecular Biology</i> , 2012, 805, 315-331.	0.9	25
15	Remodeling a DNA-binding protein as a specific <i>in vivo</i> inhibitor of bacterial secretin PulD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17983-17988.	7.1	78
16	The domain architecture of large guanine nucleotide exchange factors for the small GTP-binding protein Arf. <i>BMC Genomics</i> , 2005, 6, 20.	2.8	102
17	Application of a modified version of Habeeb's trinitrophenylation method for the characterization of haptens-protein conjugates in a reversed micellar medium. <i>Journal of Immunological Methods</i> , 2002, 263, 75-83.	1.4	12
18	A method for the detection and screening of catalytic anti-DNA antibodies. <i>Journal of Immunological Methods</i> , 2002, 269, 147-155.	1.4	11

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19	Development of nonradioactive microtiter plate assays for nuclease activity. <i>Analytical Biochemistry</i> , 2002, 309, 40-47.	2.4	15
20	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
21	Conversion of Tyrosine Phenol-lyase to Dicarboxylic Amino Acid $\hat{1}^2$ -Lyase, an Enzyme Not Found in Nature. <i>Journal of Biological Chemistry</i> , 1999, 274, 1320-1325.	3.4	24
22	Transferred Nuclear Overhauser Effect Study of the C-Terminal Helix of Yeast Phosphoglycerate Kinase: NMR Solution Structure of the C-Terminal Bound Peptide. <i>Biochemistry</i> , 1995, 34, 842-846.	2.5	11
23	Role of the C-Terminal Helix in the Folding and Stability of Yeast Phosphoglycerate Kinase. <i>Biochemistry</i> , 1995, 34, 833-841.	2.5	36