

Hazim F El Sharif

List of Publications by Year in descending order

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17
papers

431
citations

759233

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940533

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17
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Crystallization and Biosensor Applications of Hydrogel-Based Molecularly Imprinted Polymers. <i>Biomacromolecules</i> , 2012, 13, 3959-3965.	5.4	84
2	Determination of protein binding affinities within hydrogel-based molecularly imprinted polymers (HydroMIPs). <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15483-15489.	2.8	57
3	Spectroscopic and quartz crystal microbalance (QCM) characterisation of protein-based MIPs. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 239-245.	7.8	43
4	Evaluation of electropolymerized molecularly imprinted polymers (E-MIPs) on disposable electrodes for detection of SARS-CoV-2 in saliva. <i>Analytica Chimica Acta</i> , 2022, 1206, 339777.	5.4	42
5	Highly selective BSA imprinted polyacrylamide hydrogels facilitated by a metal-coding MIP approach. <i>Acta Biomaterialia</i> , 2015, 28, 121-127.	8.3	29
6	Selective extraction of proteins and other macromolecules from biological samples using molecular imprinted polymers. <i>Bioanalysis</i> , 2016, 8, 2255-2263.	1.5	29
7	Enhanced selectivity of hydrogel-based molecularly imprinted polymers (HydroMIPs) following buffer conditioning. <i>Analytica Chimica Acta</i> , 2014, 809, 155-161.	5.4	26
8	MIP-based electrochemical protein profiling. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 88-95.	7.8	25
9	Evaluation of Molecularly Imprinted Polymers as Synthetic Virus Neutralizing Antibody Mimics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 115.	4.1	24
10	MIP-based protein profiling: A method for interspecies discrimination. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 33-39.	7.8	21
11	Automating the application of smart materials for protein crystallization. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 534-540.	2.5	15
12	Electrochemical detection of dioctyl phthalate using molecularly imprinted polymer modified screen-printed electrodes. <i>Analytica Chimica Acta</i> , 2022, 1196, 339547.	5.4	14
13	Application of thymine-based nucleobase-modified acrylamide as a functional co-monomer in electropolymerised thin-film molecularly imprinted polymer (MIP) for selective protein (haemoglobin) binding. <i>Talanta</i> , 2022, 240, 123158.	5.5	12
14	Generation of ribosome imprinted polymers for sensitive detection of translational responses. <i>Scientific Reports</i> , 2017, 7, 6542.	3.3	6
15	Hydrogel-Based Molecularly Imprinted Polymers for Biological Detection. <i>RSC Detection Science</i> , 2014, , 75-115.	0.0	2
16	Investigation of polyacrylamide hydrogel-based molecularly imprinted polymers using protein gel electrophoresis. <i>Journal of Molecular Recognition</i> , 2021, 35, e2942.	2.1	2
17	Smart materials for increasing the success of protein crystallization. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1138-C1138.	0.1	0