

Joanna Czulak

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

330
citations

840585

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1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel thermal detection method based on molecularly imprinted nanoparticles as recognition elements. <i>Nanoscale</i> , 2018, 10, 2081-2089.	2.8	53
2	Thermal Detection of Cardiac Biomarkers Heart-Fatty Acid Binding Protein and ST2 Using a Molecularly Imprinted Nanoparticle-Based Multiplex Sensor Platform. <i>ACS Sensors</i> , 2019, 4, 2838-2845.	4.0	50
3	Molecularly Imprinted Polymer Nanoparticles Enable Rapid, Reliable, and Robust Point-of-Care Thermal Detection of SARS-CoV-2. <i>ACS Sensors</i> , 2022, 7, 1122-1131.	4.0	45
4	Highly Efficient Abiotic Assay Formats for Methyl Parathion: Molecularly Imprinted Polymer Nanoparticle Assay as an Alternative to Enzyme-Linked Immunosorbent Assay. <i>Analytical Chemistry</i> , 2019, 91, 958-964.	3.2	42
5	Immobilization of Molecularly Imprinted Polymer Nanoparticles onto Surfaces Using Different Strategies: Evaluating the Influence of the Functionalized Interface on the Performance of a Thermal Assay for the Detection of the Cardiac Biomarker Troponin I. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27868-27879.	4.0	24
6	New protocol for optimisation of polymer composition for imprinting of peptides and proteins. <i>RSC Advances</i> , 2019, 9, 27849-27855.	1.7	20
7	A Novel Assay Format as an Alternative to ELISA: MINA Test for Biotin. <i>ChemNanoMat</i> , 2018, 4, 1214-1222.	1.5	18
8	Development of a homogenous assay based on fluorescent imprinted nanoparticles for analysis of nitroaromatic compounds. <i>Nano Research</i> , 2019, 12, 3044-3050.	5.8	18
9	Application of molecularly imprinted polymer nanoparticles for degradation of the bacterial autoinducer <i>N</i> -hexanoyl homoserine lactone. <i>Chemical Communications</i> , 2019, 55, 2664-2667.	2.2	16
10	Polymer Catalysts Imprinted with Metal Ions as Biomimics of Metalloenzymes. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-9.	1.0	12
11	Biocompatibility and biodistribution of surface-modified yttrium oxide nanoparticles for potential theranostic applications. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19095-19107.	2.7	12
12	Negative selection of MIPs to create high specificity ligands for glycated haemoglobin. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 126967.	4.0	9
13	A magnetic molecularly imprinted nanoparticle assay (MINA) for detection of pepsin. <i>Reactive and Functional Polymers</i> , 2022, 170, 105133.	2.0	6
14	Novel assay format for proteins based on magnetic molecularly imprinted polymer nanoparticles—detection of pepsin. <i>Journal of the Chinese Advanced Materials Society</i> , 2018, 6, 341-351.	0.7	5