

Jin Chul Yang

List of Publications by Year in descending order

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17
papers

196
citations

1040056

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18
all docs

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docs citations

18
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization and characterization of electrochemical protein Imprinting on hemispherical porous gold patterns for the detection of trypsin. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130855.	7.8	14
2	QCM-Based HCl Gas Detection on Dimethylamine-Functionalized Crosslinked Copolymer Films. <i>Chemosensors</i> , 2022, 10, 70.	3.6	0
3	Molecularly imprinted polymer-based electrochemical impedimetric sensors on screen-printed carbon electrodes for the detection of trace cytokine IL-1 β . <i>Biosensors and Bioelectronics</i> , 2022, 204, 114073.	10.1	18
4	Microcontact surface imprinting of affinity peptide for electrochemical impedimetric detection of neutrophil gelatinase-associated lipocalin. <i>Sensors and Actuators B: Chemical</i> , 2022, 364, 131916.	7.8	10
5	Correlation between the bending angle and protein sensing properties of molecularly imprinted hydrogel strips with a one-sided porous pattern. <i>Chemical Communications</i> , 2022, 58, 6934-6937.	4.1	2
6	Enabling the Selective Detection of Endocrine-Disrupting Chemicals via Molecularly Surface-Imprinted "Coffee Rings". <i>Biomacromolecules</i> , 2021, 22, 1523-1531.	5.4	6
7	Improving Surface Imprinting Effect by Reducing Nonspecific Adsorption on Non-Imprinted Polymer Films for 2,4-D Herbicide Sensors. <i>Chemosensors</i> , 2021, 9, 43.	3.6	5
8	Rotating Cylinder-Assisted Nanoimprint Lithography for Enhanced Chemisorbable Filtration Complemented by Molecularly Imprinted Polymers. <i>Small</i> , 2021, 17, e2105733.	10.0	6
9	Molecular imprinting of polymer films on 2D silica inverse opal via thermal graft copolymerization for bisphenol A detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 323, 128670.	7.8	18
10	Molecular Imprinting of Bisphenol A on Silica Skeleton and Gold Pinhole Surfaces in 2D Colloidal Inverse Opal through Thermal Graft Copolymerization. <i>Polymers</i> , 2020, 12, 1892.	4.5	2
11	Molecularly imprinted quartz crystal microbalance sensors with lithographically patterned frisbee-like pillar arrays for sensitive and selective detection of iprodione. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128366.	7.8	12
12	Replicated Pattern Formation and Recognition Properties of 2,4-Dichlorophenoxyacetic Acid-Imprinted Polymers Using Colloidal Silica Array Molds. <i>Polymers</i> , 2019, 11, 1332.	4.5	7
13	Caffeine-imprinted conducting polymeric films with 2D hierarchical pore arrays prepared via colloidal mask-assisted electrochemical polymerization. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 587-592.	7.8	11
14	Poly(3,4-ethylenedioxythiophene):sulfonated poly(diphenylacetylene) complex as a hole injection material in organic light-emitting diodes. <i>MRS Communications</i> , 2017, 7, 701-708.	1.8	5
15	Polymeric Colloidal Nanostructures Fabricated via Highly Controlled Convective Assembly and Their Use for Molecular Imprinting. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7381-7389.	8.0	27
16	Lithographically patterned molecularly imprinted polymer for gravimetric detection of trace atrazine. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 476-481.	7.8	23
17	Quartz crystal microbalance (QCM) gravimetric sensing of theophylline via molecularly imprinted microporous polypyrrole copolymers. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 50-55.	7.8	30