Jin Chul Yang

List of Publications by Year
in descending order

17	196	1040056 9	1058476 14
papers	citations	h-index	g-index

18	18	18	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quartz crystal microbalance (QCM) gravimetric sensing of theophylline via molecularly imprinted microporous polypyrrole copolymers. Sensors and Actuators B: Chemical, 2015, 206, 50-55.	7.8	30
2	Polymeric Colloidal Nanostructures Fabricated via Highly Controlled Convective Assembly and Their Use for Molecular Imprinting. ACS Applied Materials & Interfaces, 2016, 8, 7381-7389.	8.0	27
3	Lithographically patterned molecularly imprinted polymer for gravimetric detection of trace atrazine. Sensors and Actuators B: Chemical, 2015, 216, 476-481.	7.8	23
4	Molecular imprinting of polymer films on 2D silica inverse opal via thermal graft copolymerization for bisphenol A detection. Sensors and Actuators B: Chemical, 2020, 323, 128670.	7.8	18
5	Molecularly imprinted polymer-based electrochemical impedimetric sensors on screen-printed carbon electrodes for the detection of trace cytokine IL-1Î². Biosensors and Bioelectronics, 2022, 204, 114073.	10.1	18
6	Optimization and characterization of electrochemical protein Imprinting on hemispherical porous gold patterns for the detection of trypsin. Sensors and Actuators B: Chemical, 2022, 350, 130855.	7.8	14
7	Molecularly imprinted quartz crystal microbalance sensors with lithographically patterned frisbee-like pillar arrays for sensitive and selective detection of iprodione. Sensors and Actuators B: Chemical, 2020, 320, 128366.	7.8	12
8	Caffeine-imprinted conducting polymeric films with 2D hierarchical pore arrays prepared via colloidal mask-assisted electrochemical polymerization. Sensors and Actuators B: Chemical, 2018, 260, 587-592.	7.8	11
9	Microcontact surface imprinting of affinity peptide for electrochemical impedimetric detection of neutrophil gelatinase-associated lipocalin. Sensors and Actuators B: Chemical, 2022, 364, 131916.	7.8	10
10	Replicated Pattern Formation and Recognition Properties of 2,4-Dichlorophenoxyacetic Acid-Imprinted Polymers Using Colloidal Silica Array Molds. Polymers, 2019, 11, 1332.	4.5	7
11	Enabling the Selective Detection of Endocrine-Disrupting Chemicals via Molecularly Surface-Imprinted â€œCoffee Ringsâ€• Biomacromolecules, 2021, 22, 1523-1531.	5.4	6
12	Rotating Cylinderâ€Assisted Nanoimprint Lithography for Enhanced Chemisorbable Filtration Complemented by Molecularly Imprinted Polymers. Small, 2021, 17, e2105733.	10.0	6
13	Poly(3,4-ethylenedioxythiophene):sulfonated poly(diphenylacetylene) complex as a hole injection material in organic light-emitting diodes. MRS Communications, 2017, 7, 701-708.	1.8	5
14	Improving Surface Imprinting Effect by Reducing Nonspecific Adsorption on Non-Imprinted Polymer Films for 2,4-D Herbicide Sensors. Chemosensors, 2021, 9, 43.	3.6	5
15	Molecular Imprinting of Bisphenol A on Silica Skeleton and Gold Pinhole Surfaces in 2D Colloidal Inverse Opal through Thermal Graft Copolymerization. Polymers, 2020, 12, 1892.	4.5	2
16	Correlation between the bending angle and protein sensing properties of molecularly imprinted hydrogel strips with a one-sided porous pattern. Chemical Communications, 2022, 58, 6934-6937.	4.1	2
17	QCM-Based HCl Gas Detection on Dimethylamine-Functionalized Crosslinked Copolymer Films. Chemosensors, 2022, 10, 70.	3.6	0