Maciej Cieplak

List of Publications by Year
in descending order

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37	990	567281	501196
papers	citations	15	28
		h-index	g-index

39	39	39	1237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical sensor for selective tyramine determination, amplified by a molecularly imprinted polymer film. Bioelectrochemistry, 2021, 138, 107695.	4.6	26
2	A trade-off between antifouling and the electrochemical stabilities of PEDOTs. Journal of Materials Chemistry B, 2021, 9, 2717-2726.	5.8	7
3	Self-Reporting Molecularly Imprinted Polymer with Covalently Immobilized Ferrocene Redox Probe for Selective Electrochemical Sensing of P-Synephrine. ECS Meeting Abstracts, 2021, MA2021-01, 1368-1368.	0.0	0
4	Capacitive Electrochemical Sensor with Molecularly Imprinted Polymer for Determination of Heterocyclic Aromatic Amines. ECS Meeting Abstracts, 2021, MA2021-01, 1363-1363.	0.0	0
5	Nanostructured Molecular Imprinted Polymers for Chemosensing of Hormone Proteins. ECS Meeting Abstracts, 2021, MA2021-01, 1690-1690.	0.0	1
6	Chemosensor Based on Molecularly Imprinted Nanoparticles for Selective Determination of Glyphosate. ECS Meeting Abstracts, 2021, MA2021-01, 1552-1552.	0.0	0
7	Self-reporting molecularly imprinted polymer with the covalently immobilized ferrocene redox probe for selective electrochemical sensing of p-synephrine. Sensors and Actuators B: Chemical, 2021, 344, 130276.	7.8	19
8	Selective Impedimetric Chemosensing of Carcinogenic Heterocyclic Aromatic Amine in Pork by dsDNA-Mimicking Molecularly Imprinted Polymer Film-Coated Electrodes. Journal of Agricultural and Food Chemistry, 2021, 69, 14689-14698.	5.2	7
9	Hexagonally Packed Macroporous Molecularly Imprinted Polymers for Chemosensing of Follicle-Stimulating Hormone Protein. ACS Sensors, 2020, 5, 118-126.	7.8	23
10	Low-oxidation-potential thiophene-carbazole monomers for electro-oxidative molecular imprinting: Selective chemosensing of aripiprazole. Biosensors and Bioelectronics, 2020, 169, 112589.	10.1	15
11	Oriented Immobilization of Protein Templates: A New Trend in Surface Imprinting. ACS Sensors, 2020, 5, 3710-3720.	7.8	62
12	Protein Determination with Molecularly Imprinted Polymer Recognition Combined with Birefringence Liquid Crystal Detection. Sensors, 2020, 20, 4692.	3.8	16
13	Electrochemical Sensor for Food Toxins with Molecularly Imprinted Polymer for Selective Determination of Heterocyclic Aromatic Amines. ECS Meeting Abstracts, 2020, MA2020-02, 3681-3681.	0.0	0
14	Electrochemically initiated co-polymerization of monomers of different oxidation potentials for molecular imprinting of electroactive analyte. Sensors and Actuators B: Chemical, 2019, 298, 126884.	7.8	16
15	â€œGate Effectâ€•in p-Synephrine Electrochemical Sensing with a Molecularly Imprinted Polymer and Redox Probes. Analytical Chemistry, 2019, 91, 7546-7553.	6.5	28
16	â€˜Gate effectâ€™ in molecularly imprinted polymers: the current state of understanding. Current Opinion in Electrochemistry, 2019, 16, 50-56.	4.8	66
17	Selective PQQPFPQQ Gluten Epitope Chemical Sensor with a Molecularly Imprinted Polymer Recognition Unit and an Extended-Gate Field-Effect Transistor Transduction Unit. Analytical Chemistry, 2019, 91, 4537-4543.	6.5	27
18	Facile Fabrication of Surface-Imprinted Macroporous Films for Chemosensing of Human Chorionic Gonadotropin Hormone. ACS Applied Materials & Interfaces, 2019, 11, 9265-9276.	8.0	33

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19	Nanostructured molecularly imprinted polymers for protein chemosensing. Biosensors and Bioelectronics, 2018, 102, 17-26.	10.1	140
20	Synthesis and application of a â€œplastic antibodyâ€•in electrochemical microfluidic platform for oxytocin determination. Biosensors and Bioelectronics, 2018, 100, 251-258.	10.1	39
21	CHAPTER 9. Protein Determination Using Molecularly Imprinted Polymer (MIP) Chemosensors. RSC Polymer Chemistry Series, 2018, , 282-329.	0.2	0
22	Hierarchical templating in deposition of semi-covalently imprinted inverse opal polythiophene film for femtomolar determination of human serum albumin. Biosensors and Bioelectronics, 2017, 94, 155-161.	10.1	47
23	Polymer membrane ion-selective electrodes as a convenient tool for lipases and esterases assays. Preparative Biochemistry and Biotechnology, 2017, 47, 673-677.	1.9	4
24	Surface enhancement of a molecularly imprinted polymer film using sacrificial silica beads for increasing<scp>l</scp>-arabitol chemosensor sensitivity and detectability. Journal of Materials Chemistry B, 2017, 5, 6292-6299.	5.8	12
25	Molecularly Imprinted Polymer Chemosensor for Selective Determination of an Nâ€Nitrosoâ€<scp>l</scp>â€proline Food Toxin. Chemistry - A European Journal, 2017, 23, 1942-1949.	3.3	16
26	Semi-Covalent Imprinting for Selective Protein Sensing at a Femtomolar Concentration Level. Proceedings (mdpi), 2017, 1, .	0.2	0
27	Self-Reporting Molecularly Imprinted Polymer for Label-Free Selective Electrochemical Sensing of p-synephrine. Proceedings (mdpi), 2017, 1, .	0.2	0
28	Conducting Molecularly Imprinted Polymer (MIP) Chemical Sensors for Toxic N-Nitrosamines Selective Determination in Heat Processed Food of Animal Origin. ECS Meeting Abstracts, 2017, , .	0.0	0
29	Artificial Biosensors: How Can Molecular Imprinting Mimic Biorecognition?. Trends in Biotechnology, 2016, 34, 922-941.	9.3	181
30	Early diagnosis of fungal infections using piezomicrogravimetric and electric chemosensors based on polymers molecularly imprinted with d-arabitol. Biosensors and Bioelectronics, 2016, 79, 627-635.	10.1	40
31	Synthesis of octitols and the respective amino-derivatives from â€˜organo-aldolsâ€™. Carbohydrate Research, 2015, 403, 98-103.	2.3	2
32	Selective electrochemical sensing of human serum albumin by semi-covalent molecular imprinting. Biosensors and Bioelectronics, 2015, 74, 960-966.	10.1	129
33	Selective Electrochemical Sensing of Human Albumin By Semi-Covalent Imprinting. ECS Meeting Abstracts, 2015, , .	0.0	0
34	A Review on the Stereoselective Synthesis of Higher Carbon Sugars with an Eye to Making Higher Alditols. Current Organic Chemistry, 2014, 18, 327-340.	1.6	6
35	Synthesis of higher carbon sugars from dihydroxyacetone and d-arabinose: an organocatalytic approach. Tetrahedron: Asymmetry, 2012, 23, 1213-1217.	1.8	8
36	Synthesis of long-chain monosaccharides via the coupling of three â€˜normalâ€™ sugar units via Wittig type methodology: unusual removal of the benzyl group under basic conditions. Tetrahedron: Asymmetry, 2011, 22, 1757-1762.	1.8	3

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37	The synthesis of higher carbon sugars: a study on the rearrangement of higher sugar allylic alcohols. Tetrahedron: Asymmetry, 2011, 22, 780-786.	1.8	17