

Shabi Abbas Zaidi

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,445
citations

159585

30
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

3142
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of graphene and its derivatives as an adsorbent for heavy metal and dye removal: a systematic and comprehensive overview. <i>RSC Advances</i> , 2015, 5, 50392-50420.	3.6	240
2	Recent developments in nanostructure based electrochemical glucose sensors. <i>Talanta</i> , 2016, 149, 30-42.	5.5	238
3	Nafion-stabilized two-dimensional transition metal carbide (Ti ₃ C ₂ T _x MXene) as a high-performance electrochemical sensor for neurotransmitter. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 79, 338-344.	5.8	117
4	Growth and properties of Ag-doped ZnO nanoflowers for highly sensitive phenyl hydrazine chemical sensor application. <i>Talanta</i> , 2012, 93, 257-263.	5.5	99
5	Molecular imprinted polymers as drug delivery vehicles. <i>Drug Delivery</i> , 2016, 23, 2262-2271.	5.7	96
6	Facile and efficient electrochemical enantiomer recognition of phenylalanine using β -Cyclodextrin immobilized on reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , 2017, 94, 714-718.	10.1	92
7	Ultra-high sensitive ammonia chemical sensor based on ZnO nanopencils. <i>Talanta</i> , 2012, 89, 155-161.	5.5	89
8	Molecular imprinting polymers and their composites: a promising material for diverse applications. <i>Biomaterials Science</i> , 2017, 5, 388-402.	5.4	88
9	Highly sensitive electrochemical sensor based on environmentally friendly biomass-derived sulfur-doped graphene for cancer biomarker detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 716-724.	7.8	82
10	Preparation of an open-tubular capillary column with a monolithic layer of S-ketoprofen imprinted and 4-styrenesulfonic acid incorporated polymer and its enhanced chiral separation performance in capillary electrochromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 2947-2952.	3.7	71
11	2D Transition Metal Carbides (MXene) for Electrochemical Sensing: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 848-864.	3.5	71
12	Utilization of an environmentally-friendly monomer for an efficient and sustainable adrenaline imprinted electrochemical sensor using graphene. <i>Electrochimica Acta</i> , 2018, 274, 370-377.	5.2	63
13	Separation and simultaneous detection of anticancer drugs in a microfluidic device with an amperometric biosensor. <i>Biosensors and Bioelectronics</i> , 2011, 28, 326-332.	10.1	61
14	Facile preparation of molybdenum carbide (Mo ₂ C) nanoparticles and its effective utilization in electrochemical sensing of folic acid via imprinting. <i>Biosensors and Bioelectronics</i> , 2019, 140, 111330.	10.1	59
15	Ultra-sensitive ethanol sensor based on rapidly synthesized Mg(OH) ₂ hexagonal nanodisks. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 97-102.	7.8	54
16	Latest trends in molecular imprinted polymer based drug delivery systems. <i>RSC Advances</i> , 2016, 6, 88807-88819.	3.6	53
17	Fabrication of Highly Sensitive Non-Enzymatic Glucose Biosensor Based on ZnO Nanorods. <i>Science of Advanced Materials</i> , 2011, 3, 901-906.	0.7	52
18	Development of molecular imprinted polymers based strategies for the determination of Dopamine. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 488-497.	7.8	52

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19	Synthesis of Multifunctional Electrically Tunable Fluorine-Doped Reduced Graphene Oxide at Low Temperatures. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24179-24189.	8.0	50
20	Long open tubular molecule imprinted polymer capillary columns with excellent separation efficiencies in chiral and non-chiral separation by capillary electrochromatography. <i>Electrophoresis</i> , 2009, 30, 1603-1607.	2.4	49
21	Molecular imprinting: A useful approach for drug delivery. <i>Materials Science for Energy Technologies</i> , 2020, 3, 72-77.	1.8	49
22	Open tubular capillary columns with basic templates made by the generalized preparation protocol in capillary electrochromatography chiral separation and template structural effects on chiral separation capability. <i>Journal of Chromatography A</i> , 2011, 1218, 1291-1299.	3.7	46
23	MXene-based aptasensors: Advances, challenges, and prospects. <i>Progress in Materials Science</i> , 2022, 129, 100967.	32.8	46
24	Preparation of open tubular molecule imprinted polymer capillary columns with various templates by a generalized procedure and their chiral and non-chiral separation performance in CEC. <i>Electrophoresis</i> , 2010, 31, 1019-1028.	2.4	45
25	Analysis of phospholipids using an open tubular capillary column with a monolithic layer of molecularly imprinted polymer in capillary electrochromatography-electrospray ionization-tandem mass spectrometry. <i>Electrophoresis</i> , 2011, 32, 2167-2173.	2.4	42
26	Open tubular layer of S-floxacin imprinted polymer fabricated in silica capillary for chiral CEC separation. <i>Journal of Separation Science</i> , 2009, 32, 996-1001.	2.5	41
27	Dual-templates molecularly imprinted monolithic columns for the evaluation of serotonin and histamine in CEC. <i>Electrophoresis</i> , 2013, 34, 1375-1382.	2.4	39
28	Progress in cancer biomarkers monitoring strategies using graphene modified support materials. <i>Talanta</i> , 2020, 210, 120669.	5.5	38
29	A review on the latest developments in nanostructure-based electrochemical sensors for glutathione. <i>Analytical Methods</i> , 2016, 8, 1745-1754.	2.7	36
30	A New Stationary Phase with Improved Ligand Morphology Prepared by Polymerization of Styrene upon Initiator-attached Lichorsorb Silica Particles. <i>Bulletin of the Korean Chemical Society</i> , 2009, 30, 3127-3130.	1.9	32
31	A novel and highly sensitive electrochemical monitoring platform for 4-nitrophenol on MnO ₂ nanoparticles modified graphene surface. <i>RSC Advances</i> , 2015, 5, 88996-89002.	3.6	30
32	Robust open tubular layer of S-ketoprofen imprinted polymer for chiral LC separation. <i>Journal of Separation Science</i> , 2008, 31, 2962-2970.	2.5	29
33	Recent developments in molecularly imprinted polymer nanofibers and their applications. <i>Analytical Methods</i> , 2015, 7, 7406-7415.	2.7	28
34	An Overview of Bio-Inspired Intelligent Imprinted Polymers for Virus Determination. <i>Biosensors</i> , 2021, 11, 89.	4.7	27
35	Examination of Template Structural Effects on CEC Chiral Separation Performance of Molecule Imprinted Polymers Made by a Generalized Preparation Protocol. <i>Chromatographia</i> , 2011, 73, 517-525.	1.3	23
36	Effective imprinting of an anticancer drug, 6-thioguanine, via mussel-inspired self-polymerization of dopamine over reduced graphene oxide. <i>Analyst</i> , 2019, 144, 2345-2352.	3.5	17

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37	Facile preparation of tungsten carbide nanoparticles for an efficient oxalic acid sensor via imprinting. <i>Microchemical Journal</i> , 2020, 159, 105404.	4.5	17
38	A New Stationary Phase Prepared from Ground Silica Monolith Particles by Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2943-2948.	1.9	13
39	Comparison of Enantioselective CEC Separation of OT-MIP Capillary Columns with Templates of Various Camphor Derivatives Made by the Pre-established General Preparation Protocol. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2934-2938.	1.9	12
40	An Open Tubular CEC Column of Excellent Separation Efficiency for Proteomic Analysis. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3115-3118.	1.9	11
41	Open Tubular Molecular Imprinted Polymer Fabricated in Silica Capillary for the Chiral Recognition of Neutral Enantiomers in Capillary Electrochromatography. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1664-1668.	1.9	10
42	Molecular Imprinting Prevents Environmental Contamination and Body Toxicity from Anticancer Drugs: An Update. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 324-335.	3.5	9
43	An Account on the Versatility of Dopamine as a Functional Monomer in Molecular Imprinting. <i>ChemistrySelect</i> , 2019, 4, 5081-5090.	1.5	9
44	Bacterial Imprinting Methods and Their Applications: An Overview. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 1-10.	3.5	8
45	A simple method for developing efficient room temperature reduced graphene oxide-coated polyurethane sponge and cotton for oil-water separation. <i>Separation Science and Technology</i> , 2022, 57, 2596-2605.	2.5	6
46	La _{0.7} Sr _{0.3} MnO ₃ Nanoparticles Based Ultra-High Sensitive Ammonia Chemical Sensor. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 6368-6373.	0.9	5
47	Cancer Biomarker Immunosensing Monitoring Strategies via Graphene Surface-Engineered Materials. , 2017, , 59-81.		1