

Saadat Majeed

List of Publications by Year in descending order

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62
papers

1,368
citations

471509

17
h-index

345221

36
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63
all docs

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docs citations

63
times ranked

2115
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper nanoclusters as peroxidase mimetics and their applications to H ₂ O ₂ and glucose detection. <i>Analytica Chimica Acta</i> , 2013, 762, 83-86.	5.4	302
2	A Template-Free and Surfactant-Free Method for High-Yield Synthesis of Highly Monodisperse 3-Aminophenolâ€‘Formaldehyde Resin and Carbon Nano/Microspheres. <i>Macromolecules</i> , 2013, 46, 140-145.	4.8	155
3	Electrochemical cholesterol sensor based on carbon nanotube@molecularly imprinted polymer modified ceramic carbon electrode. <i>Biosensors and Bioelectronics</i> , 2013, 47, 553-558.	10.1	77
4	Efficient lucigenin/thiourea dioxide chemiluminescence system and its application for selective and sensitive dopamine detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 468-472.	7.8	72
5	Modification strategies for improving the solubility/dispersion of carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2020, 297, 111919.	4.9	68
6	Synthesis and electrochemical applications of nitrogen-doped carbon nanomaterials. <i>Nanotechnology Reviews</i> , 2013, 2, 615-635.	5.8	58
7	Electrochemiluminescence Detection of TNT by Resonance Energy Transfer through the Formation of a TNTâ€‘Amine Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 4829-4835.	3.3	47
8	An amperometric sensor for the determination of benzophenone in food packaging materials based on the electropolymerized molecularly imprinted poly-o-phenylenediamine film. <i>Talanta</i> , 2012, 99, 811-815.	5.5	41
9	Catalase immobilized antimonene quantum dots used as an electrochemical biosensor for quantitative determination of H ₂ O ₂ from CA-125 diagnosed ovarian cancer samples. <i>Materials Science and Engineering C</i> , 2020, 117, 111296.	7.3	35
10	Fabrication of transition-metal oxide and chalcogenide nanostructures with enhanced electrochemical performances. <i>Journal of Energy Storage</i> , 2020, 31, 101621.	8.1	32
11	Thiourea dioxide as a unique eco-friendly coreactant for luminol chemiluminescence in the sensitive detection of luminol, thiourea dioxide and cobalt ions. <i>Chemical Communications</i> , 2015, 51, 1620-1623.	4.1	29
12	Synthesis, design and sensing applications of nanostructured ceria-based materials. <i>Analyst, The</i> , 2018, 143, 5610-5628.	3.5	27
13	Synthesis and electrocatalytic properties of tetrahedral, polyhedral, and branched Pd@Au coreâ€‘shell nanocrystals. <i>Chemical Communications</i> , 2013, 49, 8836.	4.1	23
14	Ceria-based nanocomposites for the enrichment and identification of phosphopeptides. <i>Analyst, The</i> , 2013, 138, 5059.	3.5	22
15	Hydroxylamine-O-sulfonic acid as an efficient coreactant for luminol chemiluminescence for selective and sensitive detection. <i>Chemical Communications</i> , 2015, 51, 6536-6539.	4.1	21
16	Development of nitrogen doped carbon dots modified CuCo alloy nanoparticles for potential electrocatalytic water splitting. <i>Journal of Molecular Liquids</i> , 2020, 309, 113111.	4.9	21
17	Fabrication of iron modified screen printed carbon electrode for sensing of amino acids. <i>Polyhedron</i> , 2020, 180, 114426.	2.2	20
18	Electrochemiluminescence of Acridines. <i>Electroanalysis</i> , 2016, 28, 2672-2679.	2.9	16

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19	Electrochemical Sensing of Ascorbic Acid, Hydrogen Peroxide and Glucose by Bimetallic (Fe, Ni)~CNTs Composite Modified Electrode. <i>Electroanalysis</i> , 2019, 31, 851-857.	2.9	16
20	Advances of Infrared Spectroscopic Imaging and Mapping Technologies of Plant Material. <i>Current Bioactive Compounds</i> , 2011, 7, 106-117.	0.5	16
21	Sensitive and selective colorimetric detection of Hg ²⁺ by a Hg ²⁺ induced dual signal amplification strategy based on cascade-type catalytic reactions. <i>Analyst</i> , 2016, 141, 2362-2366.	3.5	15
22	Nitrogen doped carbon quantum dots conjugated with AgNi alloy nanoparticles as potential electrocatalyst for efficient water splitting. <i>Journal of Alloys and Compounds</i> , 2020, 847, 156492.	5.5	15
23	Visual and surface plasmon resonance sensor for zirconium based on zirconium-induced aggregation of adenosine triphosphate-stabilized gold nanoparticles. <i>Analytica Chimica Acta</i> , 2013, 787, 126-131.	5.4	14
24	Tellurium doped zinc imidazole framework (Te@ZIF-8) for quantitative determination of hydrogen peroxide from serum of pancreatic cancer patients. <i>Scientific Reports</i> , 2020, 10, 21077.	3.3	13
25	Quantitative determination of creatinine from serum of prostate cancer patients by N-doped porous carbon antimony (Sb/NPC) nanoparticles. <i>Bioelectrochemistry</i> , 2021, 140, 107815.	4.6	13
26	Selective electrochemical sensing of hemoglobin from blood of β -thalassemia major patients by tellurium nanowires-graphene oxide modified electrode. <i>Chemical Engineering Journal</i> , 2021, 419, 129706.	12.7	13
27	Ultrasensitive electrochemiluminescent determination of perphenazine at tris(1,10-phenanthroline)ruthenium(II)/Nafion bulk modified carbon nanotube ceramic electrode via solid-phase microextraction. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 137-143.	7.8	12
28	Facile Fabrication of Highly Efficient Photoelectrocatalysts M _x O _y @NH ₂ ~MIL-125(Ti) for Enhanced Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2019, 4, 6996-7002.	1.5	11
29	Bioinspired N-C coated ZnO based electrochemiluminescence sensor for dopamine screening from neuroblastoma patient. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115469.	3.8	11
30	In vitro release and cytotoxicity of cisplatin loaded methoxy poly (ethylene glycol)- block -poly (glutamic acid) nanoparticles against human breast cancer cell lines. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 85-93.	3.0	10
31	Self-sacrificing template based hollow carbon spheres/molybdenum dioxide nanocomposite for high-performance Lithium-ion batteries. <i>Materials Today Communications</i> , 2019, 21, 100694.	1.9	10
32	Chlorfenapyr containing anions uptake from industrial wastewater by ethylene glycol functionalized benzyl dimethyl tetradecyl ammonium bromide membrane. <i>Journal of Environmental Management</i> , 2021, 284, 112017.	7.8	10
33	Low-potential determination of hydrogen peroxide, uric acid and uricase based on highly selective oxidation of p-hydroxyphenylboronic acid by hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 144-148.	7.8	9
34	Facile liquid-phase deposition synthesis of titania-coated magnetic sporopollenin for the selective capture of phosphopeptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3373-3382.	3.7	9
35	Sensitive and high recovery electrochemical sensing of resorcinol by Cd~glutathione complex-modified glassy carbon electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-11.	3.3	9
36	Hydrazone connected stable luminescent covalent~organic polymer for ultrafast detection of nitro-explosives. <i>RSC Advances</i> , 2021, 11, 39270-39277.	3.6	9

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37	New synthesis of gold nanocorals using a diazonium compound, and their application to an electrochemiluminescent assay of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2014, 181, 737-742.	5.0	8
38	Aqueous Synthesis of Tunable Highly Photoluminescent CdTe Quantum Dots Using Rongalite and Bioimaging Application. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, e101-e107.	1.7	8
39	N-Hydroxysuccinimide as an effective chemiluminescence coreactant for highly selective and sensitive detection. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8851-8857.	3.7	8
40	Facile Hydrothermal Synthesis of NiTe Nanorods for Non-Enzymatic Electrochemical Sensing of Whole Blood Hemoglobin in Pregnant Anemic Women. <i>Analytica Chimica Acta</i> , 2021, 1189, 339204.	5.4	8
41	Cost-effective fabrication, antibacterial application and cell viability studies of modified nonwoven cotton fabric. <i>Scientific Reports</i> , 2022, 12, 2493.	3.3	8
42	Design of Gravel-Sand Filter for Arsenic Removal: A Case Study of Muzaffargarh District in Pakistan. <i>Water Environment Research</i> , 2018, 90, 2106-2113.	2.7	6
43	Polyvinylpyrrolidone decorated manganese ferrite based cues for the efficient removal of heavy metals ions from waste water. <i>Physica B: Condensed Matter</i> , 2020, 599, 412559.	2.7	6
44	Supercritical CO ₂ drying of pure silica aerogels: effect of drying time on textural properties of nanoporous silica aerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 478-486.	2.4	6
45	Electroanalytical techniques in biosciences: conductometry, coulometry, voltammetry, and electrochemical sensors. , 2022, , 157-178.		6
46	Development of 2,4-dinitrophenylhydrazine-modified carbon paste electrode for highly sensitive electrochemical sensing of amino acids. <i>Monatshefte für Chemie</i> , 2020, 151, 505-510.	1.8	5
47	Luminol immobilized graphite electrode as sensitive electrochemiluminescent sensor for the detection of hydrogen peroxide. <i>Sensors International</i> , 2020, 1, 100027.	8.4	4
48	Development of molecularly imprinted magnetic iron oxide nanoparticles for doxorubicin drug delivery. <i>Monatshefte für Chemie</i> , 2020, 151, 1049-1057.	1.8	4
49	Boric Acid-Based Dual Modulation Photoluminescent Glucose Sensor Using Thioglycolic Acid-Capped CdTe Quantum Dots. <i>Journal of Analysis and Testing</i> , 2017, 1, 291-297.	5.1	3
50	Octylamine as environment friendlier colorimetric detection probe for hazardous 2,4,6-Trinitrophenol from wastewater samples. <i>Chemosphere</i> , 2022, 293, 133537.	8.2	3
51	Tin derived antimony/nitrogen-doped porous carbon (Sb/NPC) composite for electrochemical sensing of albumin from hepatocellular carcinoma patients. <i>Mikrochimica Acta</i> , 2021, 188, 338.	5.0	1
52	Waterborne polyurethane-based electrode nanomaterials. , 2021, , 615-639.		1
53	Silica-based nanomaterials in biocatalysis. , 2022, , 171-188.		1
54	Water Dispersed Aspartame @Graphene Oxide Nanosensor for Electrochemical Oxidation and Sensing of Atenolol. , 2020, 1, 9-20.		1

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55	Role of Infrared Spectroscopy in Medicinal Plants Research in Pakistan. Current Bioactive Compounds, 2011, 7, 85-92.	0.5	0
56	Drugs Resistance in Lungs Diseases. , 2021, , 235-254.		0
57	Drugs Resistance and Treatment Failure in HIV and/or AIDS. , 2021, , 387-403.		0
58	Drugs Resistance Management. , 2021, , 539-558.		0
59	Introduction to Drugs, Drug Targets and Drug Resistance. , 2021, , 1-31.		0
60	Drug Resistance in Kidney Diseases. , 2021, , 279-294.		0
61	Metal oxide composites for the removal of metal ions from wastewater. , 2022, , 413-433.		0
62	Magnetic chitosan membrane as an effective analytical tool for adsorptive removal of creatinine from biological samples. Journal of Taibah University for Science, 2022, 16, 250-258.	2.5	0