

Faten Divsar

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

646
citations

567281

15
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer conjugated silver nanoparticles for the colorimetric detection of arsenic ions using response surface methodology. <i>Analytical Methods</i> , 2015, 7, 4568-4576.	2.7	85
2	Diffraction patterns and nonlinear optical properties of gold nanoparticles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 366-372.	2.3	67
3	Electrochemiluminescence detection of near single DNA molecules by using quantum dots@dendrimer nanocomposites for signal amplification. <i>Chemical Communications</i> , 2011, 47, 9879.	4.1	52
4	Synthesis of polypyrrole @ chitosan magnetic nanocomposite for the removal of carbamazepine from wastewater: Adsorption isotherm and kinetic study. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105648.	6.7	52
5	A carbon dot and molecular beacon based fluorometric sensor for the cancer marker microRNA-21. <i>Mikrochimica Acta</i> , 2019, 186, 132.	5.0	47
6	Determination of picomolar silver concentrations by differential pulse anodic stripping voltammetry at a carbon paste electrode modified with phenylthiourea-functionalized high ordered nanoporous silica gel. <i>Electrochimica Acta</i> , 2009, 54, 5381-5386.	5.2	45
7	Comparison of adsorption and photo-Fenton processes for phenol and paracetamol removing from aqueous solutions: Single and binary systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 423-428.	3.9	35
8	A selective and sensitive voltammetric sensor based on molecularly imprinted polymer for the determination of dipyrindamole in pharmaceuticals and biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 362-367.	7.8	26
9	Doxorubicin delivery to breast cancer cells with transferrin-targeted carbon quantum dots: An in vitro and in silico study. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102342.	3.0	24
10	Simultaneous degradation of phenol and paracetamol during photo-Fenton process: Design and optimization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 47, 190-196.	5.3	23
11	Potentiometric Detection of Mercury(II) Ions Using a Carbon Paste Electrode Modified with Substituted Thiourea-Functionalized Highly Ordered Nanoporous Silica. <i>Analytical Sciences</i> , 2009, 25, 789-794.	1.6	22
12	Synthesis and characterization of gold nanocomposites with modified and intact polyamidoamine dendrimers. <i>Mikrochimica Acta</i> , 2009, 165, 421-426.	5.0	21
13	Simultaneous determination of thorium and uranyl ions by optode spectra and chemometric techniques. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 632-637.	7.8	20
14	LSPR biosensing for the early-stage prostate cancer detection using hydrogen bonds between PSA and antibody: Molecular dynamic and experimental study. <i>Journal of Molecular Liquids</i> , 2021, 324, 114736.	4.9	20
15	Selective aptamer conjugation to silver-coated magnetite nanoparticles for magnetic solid-phase extraction of trace amounts of Pb ²⁺ ions. <i>RSC Advances</i> , 2021, 11, 4971-4982.	3.6	17
16	Synthesis, characterization, and antibacterial activity of thymol loaded SBA-15 mesoporous silica nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2019, 49, 182-189.	1.6	15
17	Development and Validation of a Rapid Chemometrics-Assisted Spectrophotometry and Liquid Chromatography Methods for the Simultaneous Determination of the Phenylalanine, Tryptophan and Tyrosine in the Pharmaceutical Products. <i>Current Pharmaceutical Analysis</i> , 2008, 4, 231-237.	0.6	15
18	Label-free triplex DNA-based biosensing of transcription factor using fluorescence resonance energy transfer between N-doped carbon dot and gold nanoparticle. <i>Analytica Chimica Acta</i> , 2021, 1181, 338919.	5.4	12

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19	A label-free photoelectrochemical DNA biosensor using a quantum dot@ dendrimer nanocomposite. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6867-6875.	3.7	9
20	Carbon dots-embedded N-acetylneuraminic acid and glucuronic acid-imprinted polymers for targeting and imaging of cancer cells. <i>Mikrochimica Acta</i> , 2021, 188, 224.	5.0	9
21	Spectrophotometric Study of Complexation of Tri-Aza Dibenzosulfide and Dibenzosulfoxide Macrocyclic Compounds with Heavy Metal Ions. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 182, 2439-2448.	1.6	7
22	Nickel Ferrite Magnetic Nanoparticles as a Sorbent for Solid Phase Extraction of Trace Lead from Water Prior to Spectrophotometric Determination. <i>Journal of Analytical Chemistry</i> , 2019, 74, 316-322.	0.9	6
23	Biodegradation of Alprazolam in Pharmaceutical Wastewater Using Mesoporous Nanoparticles-Adhered <i>Pseudomonas stutzeri</i> . <i>Molecules</i> , 2022, 27, 237.	3.8	6
24	Synthesis of Functionalized Magnetite Titanium Dioxide Nanocomposite for Removal of Acid Fuchsin Dye. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018, 21, 583-593.	1.1	5
25	Fluorene functionalized nanoporous SBA-15 incorporated into carbon paste electrode for trace copper determination. <i>Journal of Porous Materials</i> , 2015, 22, 1655-1661.	2.6	3
26	Introductory Chapter: Quantum Dots. , 2020, , .		3
27	Potential Energy Surfaces of Vinyllogous Wolff Rearrangement: NBO Analysis and Molecular Dynamic Simulation. <i>ChemistryOpen</i> , 2021, 10, 949-953.	1.9	0