

Abbas Rahdar

List of Publications by Year in descending order

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Version: 2024-02-01

177
papers

5,878
citations

76294

40
h-index

118793

62
g-index

182
all docs

182
docs citations

182
times ranked

3900
citing authors

#	ARTICLE	IF	CITATIONS
1	Upgrading recalcitrant lignocellulosic biomass hydrolysis by immobilized cellulolytic enzyme-based nanobiocatalytic systems: a review. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 4485-4509.	2.9	11
2	Decolorization of various dyes by microorganisms and green-synthesized nanoparticles: current and future perspective. <i>Environmental Science and Pollution Research</i> , 2023, 30, 124638-124653.	2.7	11
3	Pluronic F127/Doxorubicin microemulsions: Preparation, characterization, and toxicity evaluations. <i>Journal of Molecular Liquids</i> , 2022, 345, 117028.	2.3	37
4	MXene-based electrochemical and biosensing platforms to detect toxic elements and pesticides pollutants from environmental matrices. <i>Chemosphere</i> , 2022, 291, 132820.	4.2	89
5	Green synthesis of molybdenum-based nanoparticles and their applications in energy conversion and storage: A review. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 31014-31057.	3.8	18
6	Pluronic F127/carfilzomib-based nanomicelles as promising nanocarriers: synthesis, characterization, biological, and in silico evaluations. <i>Journal of Molecular Liquids</i> , 2022, 346, 118271.	2.3	20
7	In-situ, Ex-situ, and nano-remediation strategies to treat polluted soil, water, and air – A review. <i>Chemosphere</i> , 2022, 289, 133252.	4.2	87
8	Nanotechnology-based approaches for effective detection of tumor markers: A comprehensive state-of-the-art review. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 356-383.	3.6	72
9	Role of agrochemical-based nanomaterials in plants: biotic and abiotic stress with germination improvement of seeds. <i>Plant Growth Regulation</i> , 2022, 97, 375-418.	1.8	55
10	Electrospun cellulose composite nanofibers and their biotechnological applications. , 2022, , 329-348.		2
11	Applications of plant-based nanoparticles in nanomedicine: A review. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100606.	1.6	55
12	Surfactant stabilized gold nanomaterials for environmental sensing applications – A review. <i>Environmental Research</i> , 2022, 208, 112644.	3.7	26
13	Foam-Replicated Diopside/Fluorapatite/Wollastonite-Based Glass Ceramic Scaffolds. <i>Ceramics</i> , 2022, 5, 120-130.	1.0	9
14	Study of Alkali metals and Alkaline Earth Metals in Chlorobutylrubber-based Model Truck Inner Tube Compound. <i>Advanced Industrial and Engineering Polymer Research</i> , 2022, , .	2.7	0
15	LbL Nano-Assemblies: A Versatile Tool for Biomedical and Healthcare Applications. <i>Nanomaterials</i> , 2022, 12, 949.	1.9	19
16	<i>Rhamnella gilgitica</i> functionalized green synthesis of ZnONPs and their multiple therapeutic properties. <i>Microscopy Research and Technique</i> , 2022, , .	1.2	8
17	Application of Green Gold Nanoparticles in Cancer Therapy and Diagnosis. <i>Nanomaterials</i> , 2022, 12, 1102.	1.9	72
18	Opportunities and challenges of using high-sensitivity nanobiosensors to detect long noncoding RNAs: A preliminary review. <i>International Journal of Biological Macromolecules</i> , 2022, 205, 304-315.	3.6	22

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19	Evaluation and Optimization of Prolonged Release Mucoadhesive Tablets of Dexamethasone for Wound Healing: In Vitro–In Vivo Profiling in Healthy Volunteers. <i>Pharmaceutics</i> , 2022, 14, 807.	2.0	8
20	Nano-immunotherapeutic strategies for targeted RNA delivery: Emphasizing the role of monocyte/macrophages as nanovehicles to treat glioblastoma multiforme. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103288.	1.4	5
21	Fluorescent-based nanosensors for selective detection of a wide range of biological macromolecules: A comprehensive review. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 115-147.	3.6	91
22	Can nanomaterials support the diagnosis and treatment of human infertility? A preliminary review. <i>Life Sciences</i> , 2022, 299, 120539.	2.0	11
23	Recent trends in mesoporous silica nanoparticles of rode-like morphology for cancer theranostics: A review. <i>Journal of Molecular Structure</i> , 2022, 1261, 132922.	1.8	27
24	Chitosan nanocarriers for microRNA delivery and detection: A preliminary review with emphasis on cancer. <i>Carbohydrate Polymers</i> , 2022, 290, 119489.	5.1	23
25	Aptamer-conjugated carbon-based nanomaterials for cancer and bacteria theranostics: A review. <i>Chemico-Biological Interactions</i> , 2022, 361, 109964.	1.7	34
26	Nanotechnology for Therapy of Zoonotic Diseases: A Comprehensive Overview. <i>ChemistrySelect</i> , 2022, 7, .	0.7	10
27	In Vivo Evaluation of 3D-Printed Silica-Based Bioactive Glass Scaffolds for Bone Regeneration. <i>Journal of Functional Biomaterials</i> , 2022, 13, 74.	1.8	11
28	Functionalized Nanoparticles in Drug Delivery: Strategies to Enhance Direct Nose-to-Brain Drug Delivery via Integrated Nerve Pathways. , 2022, , 455-485.		4
29	Design and Evaluation of pH Sensitive PEG-Protamine Nanocomplex of Doxorubicin for Treatment of Breast Cancer. <i>Polymers</i> , 2022, 14, 2403.	2.0	11
30	Functional Nanomaterials in Biomedicine: Current Uses and Potential Applications. <i>ChemMedChem</i> , 2022, 17, .	1.6	31
31	Nano-Based Theranostic Platforms for Breast Cancer: A Review of Latest Advancements. <i>Bioengineering</i> , 2022, 9, 320.	1.6	22
32	siRNA–based nanotherapeutics as emerging modalities for immune–mediated diseases: A preliminary review. <i>Cell Biology International</i> , 2022, 46, 1320-1344.	1.4	24
33	Application of titanium dioxide nanoparticles in photothermal and photodynamic therapy of cancer: An updated and comprehensive review. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 75, 103605.	1.4	25
34	Graphene-Based Polymer Composites for Flexible Electronic Applications. <i>Micromachines</i> , 2022, 13, 1123.	1.4	21
35	Synthesis of nanoparticles using microorganisms and their applications: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 3153-3197.	8.3	33
36	Nanostructured MgO-enhanced catalytic ozonation of petrochemical wastewater. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2021, 60, 391-400.	0.9	8

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37	Benzene Removal from Aqueous Solutions by Heterogeneous Catalytic Ozonation Process with Magnesium Oxide Nanoparticles. <i>Ozone: Science and Engineering</i> , 2021, 43, 147-162.	1.4	6
38	Scrutinizing the therapeutic and diagnostic potential of nanotechnology in thyroid cancer: Edifying drug targeting by nano-oncotherapeutics. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102221.	1.4	15
39	Nanomaterials for Parkinson disease: Recent progress. <i>Journal of Molecular Structure</i> , 2021, 1231, 129698.	1.8	29
40	Response surface methodology for the removal of nitrate ions by adsorption onto copper oxide nanoparticles. <i>Journal of Molecular Structure</i> , 2021, 1231, 129686.	1.8	24
41	Fabrication of highly resistive La ²⁺ Zn co-substituted spinel strontium nanoferrites for high frequency devices applications. <i>Materials Chemistry and Physics</i> , 2021, 259, 124031.	2.0	30
42	Progress in natural polymer engineered biomaterials for transdermal drug delivery systems. <i>Materials Today Chemistry</i> , 2021, 19, 100382.	1.7	51
43	Nanotechnology in ovarian cancer: Diagnosis and treatment. <i>Life Sciences</i> , 2021, 266, 118914.	2.0	104
44	Deferasirox-loaded pluronic nanomicelles: Synthesis, characterization, in vitro and in vivo studies. <i>Journal of Molecular Liquids</i> , 2021, 323, 114605.	2.3	35
45	Effectiveness of graphene quantum dot nanoparticles in the presence of hydrogen peroxide for the removal of ciprofloxacin from aqueous media: response surface methodology. <i>Separation Science and Technology</i> , 2021, 56, 2124-2140.	1.3	6
46	Copolymer/graphene oxide nanocomposites as potential anticancer agents. <i>Polymer Bulletin</i> , 2021, 78, 4877-4898.	1.7	18
47	Nanodiagnosis and nanotreatment of colorectal cancer: an overview. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	43
48	Oil-In-Water Microemulsion Encapsulation of Antagonist Drugs Prevents Renal Ischemia-Reperfusion Injury in Rats. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1264.	1.3	15
49	Assessment of SnFe ₂ O ₄ Nanoparticles for Potential Application in Theranostics: Synthesis, Characterization, In Vitro, and In Vivo Toxicity. <i>Materials</i> , 2021, 14, 825.	1.3	21
50	Lignin-Stabilized Doxorubicin Microemulsions: Synthesis, Physical Characterization, and In Vitro Assessments. <i>Polymers</i> , 2021, 13, 641.	2.0	30
51	Solution-Processable LaTiO _x -PVP as Silicon-Free Gate Dielectric at Low Temperature for High-Performance Organic-Inorganic Field Effect Transistors. <i>Journal of Electronic Materials</i> , 2021, 50, 2496-2503.	1.0	3
52	Recent Advances in Nanotechnology-Based Diagnosis and Treatments of Human Osteosarcoma. <i>Biosensors</i> , 2021, 11, 55.	2.3	64
53	Nanomaterials for the Diagnosis and Treatment of Urinary Tract Infections. <i>Nanomaterials</i> , 2021, 11, 546.	1.9	32
54	Nanomaterials in Cementitious Composites: An Update. <i>Molecules</i> , 2021, 26, 1430.	1.7	38

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55	Flexibility investigation of free-silicon organic–inorganic (ZrTiHfO ₂ -PVP) hybrid films as a gate dielectric. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	1
56	Manganese/cerium nanoferrites: Synthesis and toxicological effects by intraperitoneal administration in rats. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108433.	1.8	9
57	F127/Cisplatin Microemulsions: In Vitro, In Vivo and Computational Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3006.	1.3	18
58	Nanodiagnosis and Nanotreatment of Cardiovascular Diseases: An Overview. <i>Chemosensors</i> , 2021, 9, 67.	1.8	24
59	Multi-Functionalized Nanomaterials and Nanoparticles for Diagnosis and Treatment of Retinoblastoma. <i>Biosensors</i> , 2021, 11, 97.	2.3	49
60	Biochemical, Ameliorative and Cytotoxic Effects of Newly Synthesized Curcumin Microemulsions: Evidence from In Vitro and In Vivo Studies. <i>Nanomaterials</i> , 2021, 11, 817.	1.9	28
61	Microemulsions of tribenuron-methyl using Pluronic F127: Physico-chemical characterization and efficiency on wheat weed. <i>Journal of Molecular Liquids</i> , 2021, 326, 115263.	2.3	13
62	Nanomaterials for the Diagnosis and Treatment of Inflammatory Arthritis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3092.	1.8	30
63	Plant-Based Gums and Mucilages Applications in Pharmacology and Nanomedicine: A Review. <i>Molecules</i> , 2021, 26, 1770.	1.7	95
64	Barium/Cobalt@Polyethylene Glycol Nanocomposites for Dye Removal from Aqueous Solutions. <i>Polymers</i> , 2021, 13, 1161.	2.0	21
65	A review of the nanomaterials use for the diagnosis and therapy of salmonella typhi. <i>Journal of Molecular Structure</i> , 2021, 1230, 129928.	1.8	28
66	A Hyaluronic Acid Functionalized Self-Nano-Emulsifying Drug Delivery System (SNEDDS) for Enhancement in Ciprofloxacin Targeted Delivery against Intracellular Infection. <i>Nanomaterials</i> , 2021, 11, 1086.	1.9	44
67	Onco-Receptors Targeting in Lung Cancer via Application of Surface-Modified and Hybrid Nanoparticles: A Cross-Disciplinary Review. <i>Processes</i> , 2021, 9, 621.	1.3	26
68	Green nanoparticles to treat patients with Malaria disease: An overview. <i>Journal of Molecular Structure</i> , 2021, 1229, 129857.	1.8	21
69	Biochemical effects of deferasirox and deferasirox-loaded nanomicelles in iron-intoxicated rats. <i>Life Sciences</i> , 2021, 270, 119146.	2.0	16
70	Nanotechnology in Bladder Cancer: Diagnosis and Treatment. <i>Cancers</i> , 2021, 13, 2214.	1.7	56
71	Application of Nanotechnology for Sensitive Detection of Low-Abundance Single-Nucleotide Variations in Genomic DNA: A Review. <i>Nanomaterials</i> , 2021, 11, 1384.	1.9	27
72	Application of Response Surface Methodology for Optimizing the Therapeutic Activity of ZnO Nanoparticles Biosynthesized from <i>Aspergillus niger</i> . <i>Biomimetics</i> , 2021, 6, 34.	1.5	48

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73	Nanotechnology for inflammatory bowel disease management: Detection, imaging and treatment. Sensing and Bio-Sensing Research, 2021, 32, 100417.	2.2	33
74	CoNiZn and CoNiFe Nanoparticles: Synthesis, Physical Characterization, and In Vitro Cytotoxicity Evaluations. Applied Sciences (Switzerland), 2021, 11, 5339.	1.3	14
75	Structural, magnetic, and in vitro inhibitory characteristics of Ce-substituted MnFe ₂ O ₄ nanoparticles. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	8
76	DNA Based and Stimuli-Responsive Smart Nanocarrier for Diagnosis and Treatment of Cancer: Applications and Challenges. Cancers, 2021, 13, 3396.	1.7	46
77	Bismuth-based heterojunction nanocomposites for photocatalysis and heavy metal detection applications. Nano Structures Nano Objects, 2021, 27, 100762.	1.9	64
78	A spotlight on underlying the mechanism of AMPK in diabetes complications. Inflammation Research, 2021, 70, 939-957.	1.6	8
79	Sawdust for the Removal of Heavy Metals from Water: A Review. Molecules, 2021, 26, 4318.	1.7	25
80	Quercetin-loaded F127 nanomicelles: Antioxidant activity and protection against renal injury induced by gentamicin in rats. Life Sciences, 2021, 276, 119420.	2.0	32
81	Nanomaterials for the Diagnosis and Treatment of Head and Neck Cancers: A Review. Materials, 2021, 14, 3706.	1.3	20
82	Environmentally Safe Biosynthesis of Gold Nanoparticles Using Plant Water Extracts. Nanomaterials, 2021, 11, 2033.	1.9	79
83	Theranostic Advances of Bionanomaterials against Gestational Diabetes Mellitus: A Preliminary Review. Journal of Functional Biomaterials, 2021, 12, 54.	1.8	21
84	Biosynthesis of lead oxide and cerium oxide nanoparticles and their cytotoxic activities against colon cancer cell line. Inorganic Chemistry Communication, 2021, 131, 108800.	1.8	36
85	CoNi alloy nanoparticles for cancer theranostics: synthesis, physical characterization, in vitro and in vivo studies. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	18
86	Preparation of pH-Responsive Vesicular Deferasirox: Evidence from <i>In Silico</i> , <i>In Vitro</i> , and <i>In Vivo</i> Evaluations. ACS Omega, 2021, 6, 24218-24232.	1.6	15
87	Simulation, In Vitro, and In Vivo Cytotoxicity Assessments of Methotrexate-Loaded pH-Responsive Nanocarriers. Polymers, 2021, 13, 3153.	2.0	26
88	Nanomaterials in the Management of Gram-Negative Bacterial Infections. Nanomaterials, 2021, 11, 2535.	1.9	23
89	Hydroxyapatite for Biomedical Applications: A Short Overview. Ceramics, 2021, 4, 542-563.	1.0	88
90	Synthesis, characterization, toxicity and morphology assessments of newly prepared microemulsion systems for delivery of valproic acid. Journal of Molecular Liquids, 2021, 338, 116625.	2.3	40

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91	Design of Mannose-Coated Rifampicin nanoparticles modulating the immune response and Rifampicin induced hepatotoxicity with improved oral drug delivery. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103321.	2.3	23
92	MOF-Mediated Synthesis of CuO/CeO ₂ Composite Nanoparticles: Characterization and Estimation of the Cellular Toxicity against Breast Cancer Cell Line (MCF-7). <i>Journal of Functional Biomaterials</i> , 2021, 12, 53.	1.8	32
93	Nanomaterials as Nanofertilizers and Nanopesticides: An Overview. <i>ChemistrySelect</i> , 2021, 6, 8645-8663.	0.7	72
94	Active Targeted Nanoparticles for Delivery of Poly(ADP-ribose) Polymerase (PARP) Inhibitors: A Preliminary Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10319.	1.8	20
95	Investigation on the Linear and Nonlinear Properties of Morin in Presence of Reverse Micelle and Different Oil Content in Reverse Micelle. <i>Journal of Fluorescence</i> , 2021, 31, 373-383.	1.3	1
96	Progress in the Application of Nanoparticles and Graphene as Drug Carriers and on the Diagnosis of Brain Infections. <i>Molecules</i> , 2021, 26, 186.	1.7	56
97	Stimuli-responsive nanoliposomes as prospective nanocarriers for targeted drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102916.	1.4	24
98	Plant-based nanoparticles prepared from protein containing tribenuron-methyl: fabrication, characterization, and application. <i>Chemical and Biological Technologies in Agriculture</i> , 2021, 8, .	1.9	11
99	A Multifunctional Polymeric Micelle for Targeted Delivery of Paclitaxel by the Inhibition of the P-Glycoprotein Transporters. <i>Nanomaterials</i> , 2021, 11, 2858.	1.9	21
100	Guar (<i>Cyamopsis tetragonoloba</i> L.) plant gum: From biological applications to advanced nanomedicine. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1972-1985.	3.6	37
101	Amino Acids, Peptides, and Proteins: Implications for Nanotechnological Applications in Biosensing and Drug/Gene Delivery. <i>Nanomaterials</i> , 2021, 11, 3002.	1.9	38
102	Synthesis of Al-Based Metal-Organic Framework in Water With Caffeic Acid Ligand and NaOH as Linker Sources With Highly Efficient Anticancer Treatment. <i>Frontiers in Chemistry</i> , 2021, 9, 784461.	1.8	4
103	Ce-Mn ferrite nanocomposite promoted the photosynthesis, fortification of total yield, and elongation of wheat (<i>Triticum aestivum</i> L.). <i>Environmental Monitoring and Assessment</i> , 2021, 193, 800.	1.3	9
104	Composites of Vegetable Oil-Based Polymers and Carbon Nanomaterials. <i>Macromol</i> , 2021, 1, 276-292.	2.4	12
105	In vitro and in vivo anticancer effect of pH-responsive paclitaxel-loaded niosomes. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 147.	1.7	23
106	Development of mucoadhesive thiomeric chitosan nanoparticles for the targeted ocular delivery of vancomycin against <i>Staphylococcus aureus</i> resistant strains. <i>Nanofabrication</i> , 2021, 6, 16-24.	1.1	6
107	Quantum Dots: Synthesis, Antibody Conjugation, and HER2-Receptor Targeting for Breast Cancer Therapy. <i>Journal of Functional Biomaterials</i> , 2021, 12, 75.	1.8	35
108	Porphyrin-Based Nanostructures for Cancer Theranostics: Chemistry, Fundamentals and Recent Advances. <i>ChemistrySelect</i> , 2021, 6, 14082-14099.	0.7	16

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109	Novel Perspectives towards RNA-Based Nano-Theranostic Approaches for Cancer Management. <i>Nanomaterials</i> , 2021, 11, 3330.	1.9	33
110	Preparation, Physical Characterization and Adsorption Properties of Synthesized Co-Ni-Cr Nanocomposites for Highly Effective Removal of Nitrate: Isotherms, Kinetics and Thermodynamic Studies. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020, 234, 45-62.	1.4	3
111	Atorvastatin-loaded SBA-16 nanostructures: Synthesis, physical characterization, and biochemical alterations in hyperlipidemic rats. <i>Journal of Molecular Structure</i> , 2020, 1202, 127296.	1.8	15
112	Synthesis, physical characterization, and antifungal and antibacterial activities of oleic acid capped nanomagnetite and cobalt-doped nanomagnetite. <i>Canadian Journal of Chemistry</i> , 2020, 98, 34-39.	0.6	9
113	Environmentally friendly synthesis of Fe ₂ O ₃ @SiO ₂ nanocomposite: characterization and application as an adsorbent to aniline removal from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9181-9191.	2.7	16
114	Synthesis and characterization of poly(styrene-block-acrylic acid) diblock copolymer modified magnetite nanocomposite for efficient removal of penicillin G. <i>Composites Part B: Engineering</i> , 2020, 182, 107643.	5.9	28
115	Nanomaterials for the treatment and diagnosis of Alzheimer's disease: An overview. <i>NanoImpact</i> , 2020, 20, 100251.	2.4	78
116	Praseodymium-doped cadmium tungstate (CdWO ₄) nanoparticles for dye degradation with sonocatalytic process. <i>Polyhedron</i> , 2020, 190, 114792.	1.0	45
117	Nanomaterials for Diagnosis and Treatment of Brain Cancer: Recent Updates. <i>Chemosensors</i> , 2020, 8, 117.	1.8	107
118	Detecting Mercury (II) and Thiocyanate Using Turn-on Fluorescence of Graphene Quantum Dots. <i>Journal of Fluorescence</i> , 2020, 30, 1181-1187.	1.3	14
119	Behavioral effects of zinc oxide nanoparticles on the brain of rats. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108131.	1.8	31
120	The confinement of PVP in AOT microemulsions: Effect of water content and PVP concentration regime on electrical percolation phenomenon. <i>Journal of Molecular Liquids</i> , 2020, 318, 114012.	2.3	11
121	Removal of sulfonated azo reactive red 198 from water by CeO ₂ nanoparticles. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100384.	1.7	4
122	Photo- and Magnetothermally Responsive Nanomaterials for Therapy, Controlled Drug Delivery and Imaging Applications. <i>ChemistrySelect</i> , 2020, 5, 12590-12609.	0.7	49
123	Nanotreatment and Nanodiagnosis of Prostate Cancer: Recent Updates. <i>Nanomaterials</i> , 2020, 10, 1696.	1.9	67
124	Newly crocin-coated magnetite nanoparticles induce apoptosis and decrease VEGF expression in breast carcinoma cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101987.	1.4	26
125	The synthesis of methotrexate-loaded F127 microemulsions and their in vivo toxicity in a rat model. <i>Journal of Molecular Liquids</i> , 2020, 313, 113449.	2.3	38
126	Overview of the anticancer activity of withaferin A, an active constituent of the Indian ginseng <i>Withania somnifera</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 26025-26035.	2.7	49

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127	Clostridium difficile Infection Epidemiology over a Period of 8 Yearsâ€”A Single Centre Study. Sustainability, 2020, 12, 4439.	1.6	9
128	Polystyrene Magnetic Nanocomposites as Antibiotic Adsorbents. Polymers, 2020, 12, 1313.	2.0	32
129	Acid Dye Removal from Aqueous Solution by Using Neodymium(III) Oxide Nanoadsorbents. Nanomaterials, 2020, 10, 556.	1.9	67
130	Green synthesis and characterization of zinc oxide nanoparticles with antibacterial and antifungal activity. Journal of Molecular Structure, 2020, 1211, 128107.	1.8	258
131	A theoretical first principles computational investigation into the potential of aluminum-doped boron nitride nanotubes for hydrogen storage. International Journal of Hydrogen Energy, 2020, 45, 11176-11189.	3.8	29
132	Revisiting the cytotoxicity of quantum dots: an in-depth overview. Biophysical Reviews, 2020, 12, 703-718.	1.5	87
133	Stimuli-Responsive Polymeric Nanocarriers for Drug Delivery, Imaging, and Theragnosis. Polymers, 2020, 12, 1397.	2.0	281
134	On Facing the SARS-CoV-2 (COVID-19) with Combination of Nanomaterials and Medicine: Possible Strategies and First Challenges. Nanomaterials, 2020, 10, 852.	1.9	102
135	Gum-based cerium oxide nanoparticles for antimicrobial assay. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	30
136	Petroleum Hydrocarbon Removal from Wastewaters: A Review. Processes, 2020, 8, 447.	1.3	80
137	Borophene and Boron Fullerene Materials in Hydrogen Storage: Opportunities and Challenges. ChemSusChem, 2020, 13, 3754-3765.	3.6	62
138	Synthesis, characterization, and intraperitoneal biochemical studies of zinc oxide nanoparticles in Rattus norvegicus. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	13
139	Cancer theranostic applications of MXene nanomaterials: Recent updates. Nano Structures Nano Objects, 2020, 22, 100457.	1.9	53
140	Nanomaterials in Cosmetics: Recent Updates. Nanomaterials, 2020, 10, 979.	1.9	210
141	Development and Evaluation of Azelaic Acid-Loaded Microemulsion for Transfollicular Drug Delivery Through Guinea Pig Skin: A Mechanistic Study. Advanced Pharmaceutical Bulletin, 2020, 10, 239-246.	0.6	14
142	Effects of Cerium Oxide Nanoparticles on Biochemical Parameters and Histopathological Changes in Lead-Intoxicated Rats. Disease and Diagnosis, 2020, 9, 134-139.	0.1	4
143	Comparative Evaluation of the Inhibitory Potential of Synthetic N-Heterocycles, Cu/Fe3O4@SiO2 Nanocomposites and Some Natural Products against Non-Resistant and Antibiotic-Resistant Acinetobacter baumannii. Pharmaceutical Sciences, 2020, 26, 184-192.	0.1	1
144	The Correlation of Vitamin D Level with Refractive Errors in Disabled Paediatric Patients. Revista De Chimie (discontinued), 2020, 71, 271-283.	0.2	0

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145	Fluorescence and dynamics studies of dye-biomolecule interaction in the nano-colloidal systems. <i>Journal of Molecular Structure</i> , 2019, 1175, 821-827.	1.8	3
146	Dual responsive superparamagnetic nanocomposites: Synthesis, characterization and adsorption of nitrate from aqueous solution. <i>Nano Structures Nano Objects</i> , 2019, 19, 100371.	1.9	11
147	Synthesis and characterization of MgO supported Fe ²⁺ -Co ²⁺ -Mn nanoparticles with exceptionally high adsorption capacity for Rhodamine B dye. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3800-3810.	2.6	53
148	Modeling of adsorption of Methylene Blue dye on Ho-CaWO ₄ nanoparticles using Response Surface Methodology (RSM) and Artificial Neural Network (ANN) techniques. <i>MethodsX</i> , 2019, 6, 1779-1797.	0.7	122
149	Error analysis of adsorption isotherm models for penicillin G onto magnesium oxide nanoparticles. <i>Applied Water Science</i> , 2019, 9, 1.	2.8	13
150	An insight into the effect of nano-confinement on some of photo-physical parameters of dye. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	2
151	Effect of the reverse micelle and oil content in reverse micelle on nonlinear optical properties of Rhodamine B. <i>Journal of Molecular Structure</i> , 2019, 1191, 237-243.	1.8	10
152	Adsorption of bovine serum albumin (BSA) by bare magnetite nanoparticles with surface oxidative impurities that prevent aggregation. <i>Canadian Journal of Chemistry</i> , 2019, 97, 577-583.	0.6	18
153	Correction on "Dynamic and spectroscopic studies of nano-micelles comprising dye in water/ dioctyl sodium sulfosuccinate /decane droplet microemulsion at constant water content" [J. Mol. Struct. 1128 (2017) 257-262]. <i>Journal of Molecular Structure</i> , 2019, 1183, 351-352.	1.8	0
154	Adsorption of Ciprofloxacin from Aqueous Environment by Using Synthesized Nanoceria. <i>Ecological Chemistry and Engineering S</i> , 2019, 26, 299-311.	0.3	11
155	Data on the removal of fluoride from aqueous solutions using synthesized P ³⁺ -Fe ₂ O ₃ nanoparticles: A novel adsorbent. <i>MethodsX</i> , 2019, 6, 98-106.	0.7	22
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