Mehrdad Khatami

List of Publications by Year
in descending order

138 papers	5,759 citations	71102 41 h-index	98798 67 g-index
145 all docs	145 docs citations	145 times ranked	4759 citing authors

#	Article	IF	Citations
1	Anticancer Drug-Loading Capacity of Green Synthesized Porous Magnetic Iron Nanocarrier and Cytotoxic Effects Against Human Cancer Cell Line. Journal of Cluster Science, 2023, 34, 467-477.	3.3	27
2	Cytotoxicity properties of plant-mediated synthesized K-doped ZnO nanostructures. Bioprocess and Biosystems Engineering, 2022, 45, 97-105.	3.4	27
3	Plant-based synthesis of cerium oxide nanoparticles using Rheum turkestanicum extract and evaluation of their cytotoxicity and photocatalytic properties. Materials Technology, 2022, 37, 555-568.	3.0	104
4	Ceramic magnetic ferrite nanoribbons: Eco-friendly synthesis and their antifungal and parasiticidal activity. Ceramics International, 2022, 48, 3448-3454.	4.8	23
5	MXenes and MXene-based Materials with Cancer Diagnostic Applications: Challenges and Opportunities. Comments on Inorganic Chemistry, 2022, 42, 174-207.	5.2	31
6	Thermal Stability Investigation of Synthesized Epoxy-Polyurethane/Silica Nanocomposites. Silicon, 2022, 14, 7541-7554.	3.3	3
7	MXenes for antimicrobial and antiviral applications: recent advances. Materials Technology, 2022, 37, 1890-1905.	3.0	20
8	Cytotoxicity evaluation of green synthesized ZnO and Ag-doped ZnO nanoparticles on brain glioblastoma cells. Journal of Molecular Structure, 2022, 1251, 131962.	3.6	34
9	Nanotechnology-based approaches for effective detection of tumor markers: A comprehensive state-of-the-art review. International Journal of Biological Macromolecules, 2022, 195, 356-383.	7.5	72
10	Quantum dots against <scp>SARSâ€CoV</scp>â€2: diagnostic and therapeutic potentials. Journal of Chemical Technology and Biotechnology, 2022, 97, 1640-1654.	3.2	18
11	Coreâ€“Shell Nanophotocatalysts: Review of Materials and Applications. ACS Applied Nano Materials, 2022, 5, 55-86.	5.0	49
12	Ferromagnetic nickel (II) oxide (NiO) nanoparticles: biosynthesis, characterization and their antibacterial activities. Rendiconti Lincei, 2022, 33, 127-134.	2.2	18
13	The application of exosomes and Exosome-nanoparticle in treating brain disorders. Journal of Molecular Liquids, 2022, 350, 118549.	4.9	37
14	Cytotoxicity evaluation of environmentally friendly synthesis Copper/Zinc bimetallic nanoparticles on MCF-7 cancer cells. Rendiconti Lincei, 2022, 33, 441-447.	2.2	28
15	Drug delivery and anticancer activity of biosynthesised mesoporous Fe₂O₃nanoparticles. IET Nanobiotechnology, 2022, 16, 85-91.	3.8	10
16	Iron oxyhydroxide nanoparticles: green synthesis and their cytotoxicity activity against A549 human lung adenocarcinoma cells. Rendiconti Lincei, 2022, 33, 461-469.	2.2	15
17	Eco-friendly synthesis of carbon nanotubes and their cancer theranostic applications. Materials Advances, 2022, 3, 4765-4782.	5.4	23
18	Green synthesis of spinel copper ferrite (CuFe₂O₄) nanoparticles and their toxicity. Nanotechnology Reviews, 2022, 11, 2483-2492.	5.8	23

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19	CeO2 foam-like nanostructure: biosynthesis and their efficient removal of hazardous dye. Bioprocess and Biosystems Engineering, 2021, 44, 517-523.	3.4	3
20	Degradation of Ciprofloxacin Using Ultrasound/ZnO/Oxone Process from Aqueous Solution-Lab-Scale Analysis and Optimization. BioNanoScience, 2021, 11, 306-313.	3.5	6
21	Simplification of gold nanoparticle synthesis with low cytotoxicity using a greener approach: opening up new possibilities. RSC Advances, 2021, 11, 3288-3294.	3.6	31
22	Green synthesis of colloidal selenium nanoparticles in starch solutions and investigation of their photocatalytic, antimicrobial, and cytotoxicity effects. Bioprocess and Biosystems Engineering, 2021, 44, 1215-1225.	3.4	42
23	Green and Eco-Friendly Synthesis of Nanophotocatalysts: An Overview. Comments on Inorganic Chemistry, 2021, 41, 133-187.	5.2	32
24	Preparation and Applications of Superparamagnetic Iron Oxide Nanoparticles in Novel Drug Delivery Systems: An Overview. Current Medicinal Chemistry, 2021, 28, 777-799.	2.4	14
25	Magnetic cobalt oxide nanosheets: green synthesis and in vitro cytotoxicity. Bioprocess and Biosystems Engineering, 2021, 44, 1423-1432.	3.4	23
26	Green-based bio-synthesis of nickel oxide nanoparticles in Arabic gum and examination of their cytotoxicity, photocatalytic and antibacterial effects. Green Chemistry Letters and Reviews, 2021, 14, 404-414.	4.7	73
27	Cerium oxide nanoparticles: green synthesis using Banana peel, cytotoxic effect, UV protection and their photocatalytic activity. Bioprocess and Biosystems Engineering, 2021, 44, 1891-1899.	3.4	35
28	Cytotoxic and Antileishmanial Effects of Various Extracts of <i>Capparis spinosa L.</i>. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 146-150.	1.4	5
29	Barium carbonate nanostructures: Biosynthesis and their biomedical applications. Ceramics International, 2021, 47, 21045-21050.	4.8	13
30	The Prevalence and Associated Risk Factors of Intestinal Protozoan Parasites in Iranian Children with Hypereosinophilia. Iranian Journal of Public Health, 2021, 50, 1074-1076.	0.5	0
31	MXenes and MXene-based Materials for the Removal of Water Pollutants: Challenges and Opportunities. Comments on Inorganic Chemistry, 2021, 41, 213-248.	5.2	48
32	Leishmanicidal activities of biosynthesized BaCO3 (witherite) nanoparticles and their biocompatibility with macrophages. Bioprocess and Biosystems Engineering, 2021, 44, 1957-1964.	3.4	12
33	In Vitro Antifungal Activity of Green Synthesized Silver Nanoparticles in Comparison to Conventional Antifungal Drugs Against Trichophyton Interdigitale, Trichophyton Rubrum and Epidermophyton Floccosum. Infectious Disorders - Drug Targets, 2021, 21, 370-374.	0.8	4
34	Diatoms with Invaluable Applications in Nanotechnology, Biotechnology, and Biomedicine: Recent Advances. ACS Biomaterials Science and Engineering, 2021, 7, 3053-3068.	5.2	74
35	Green synthesis of nickel oxide nanoparticles using Salvia hispanica L. (chia) seeds extract and studies of their photocatalytic activity and cytotoxicity effects. Bioprocess and Biosystems Engineering, 2021, 44, 2407-2415.	3.4	67
36	Anticancer Property of Lanthanide Sulfate Nanostructure Against Neuroblastoma-Neuro2a Cell Line. BioNanoScience, 2021, 11, 696-702.	3.5	4

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37	Biosynthesis of spinel nickel ferrite nanowhiskers and their biomedical applications. Scientific Reports, 2021, 11, 17431.	3.3	53
38	Biosynthesis of lead oxide and cerium oxide nanoparticles and their cytotoxic activities against colon cancer cell line. Inorganic Chemistry Communication, 2021, 131, 108800.	3.9	36
39	Green chemical approach for the synthesis of SnO2 nanoparticles and its application in photocatalytic degradation of Eriochrome Black T dye. Optik, 2021, 242, 167152.	2.9	38
40	Simulation, In Vitro, and In Vivo Cytotoxicity Assessments of Methotrexate-Loaded pH-Responsive Nanocarriers. Polymers, 2021, 13, 3153.	4.5	26
41	Synthesis, characterization, toxicity and morphology assessments of newly prepared microemulsion systems for delivery of valproic acid. Journal of Molecular Liquids, 2021, 338, 116625.	4.9	40
42	Theranostic applications of metalâ€“organic frameworks (MOFs)-based materials in brain disorders: Recent advances and challenges. Inorganic Chemistry Communication, 2021, 134, 108997.	3.9	22
43	K-doped ZnO nanostructures: biosynthesis and parasiticidal application. Journal of Materials Research and Technology, 2021, 15, 5445-5451.	5.8	11
44	Green synthesis of bimetallic ZnOâ€“CuO nanoparticles and their cytotoxicity properties. Scientific Reports, 2021, 11, 23479.	3.3	88
45	Potential drugs used in the antibodyâ€“drug conjugate (ADC) architecture for cancer therapy. Journal of Cellular Physiology, 2020, 235, 31-64.	4.1	97
46	Affecting Factors of Knowledge-Based Companies Using Fuzzy AHP Model, Case Study Tehran University Enterprise Park. Journal of the Knowledge Economy, 2020, 11, 574-592.	4.4	6
47	A study on the photocatalytic degradation of p-Nitroaniline on glass plates by Thermo-Immobilized ZnO nanoparticle. Inorganic and Nano-Metal Chemistry, 2020, 50, 124-135.	1.6	45
48	Biosynthesis, Magnetic and Cytotoxic Studies of Hematite Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 767-774.	3.7	44
49	Protective effects of pharmacological agents against aminoglycoside-induced nephrotoxicity: A systematic review. Expert Opinion on Drug Safety, 2020, 19, 167-186.	2.4	33
50	Biogenic Silver Nanoparticles/Hydrogen Peroxide/Ozone: Efficient Degradation of Reactive Blue 19. BioNanoScience, 2020, 10, 34-41.	3.5	9
51	Bimetallic nickel-ferrite nanorod particles: greener synthesis using rosemary and its biomedical efficiency. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 242-251.	2.8	49
52	Efficiency of novel Fe/charcoal/ultrasonic micro-electrolysis strategy in the removal of Acid Red 18 from aqueous solutions. Journal of Environmental Chemical Engineering, 2020, 8, 103553.	6.7	27
53	Calcium carbonate nanowires: greener biosynthesis and their leishmanicidal activity. RSC Advances, 2020, 10, 38063-38068.	3.6	22
54	Investigating the sequential patterns of methamphetamine use initiation in Iran. Substance Abuse Treatment, Prevention, and Policy, 2020, 15, 52.	2.2	4

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55	Metallic SPIONP/AgNP synthesis using a novel natural source and their antifungal activities. RSC Advances, 2020, 10, 29737-29744.	3.6	14
56	Sol-gel biosynthesis of nickel oxide nanoparticles using Cydonia oblonga extract and evaluation of their cytotoxicity and photocatalytic activities. Journal of Molecular Structure, 2020, 1217, 128378.	3.6	38
57	The synthesis, characterization, DNA/BSA/HSA interactions, molecular modeling, antibacterial properties, andin vitrocytotoxic activities of novel parent and niosome nano-encapsulated Ho(<scp>iii</scp>) complexes. RSC Advances, 2020, 10, 22891-22908.	3.6	45
58	Biosynthesis of silver-doped nickel oxide nanoparticles and evaluation of their photocatalytic and cytotoxicity properties. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	35
59	Tragacanth-mediate synthesis of NiO nanosheets for cytotoxicity and photocatalytic degradation of organic dyes. Bioprocess and Biosystems Engineering, 2020, 43, 1209-1218.	3.4	53
60	The inhibitory effect of Tamarix hispida mediated silver nanoparticles on Cyclin D1 protein expression of human cancer cells line. Inorganic and Nano-Metal Chemistry, 2020, 50, 1144-1149.	1.6	3
61	Evaluation cytotoxicity effects of biosynthesized zinc oxide nanoparticles using aqueous Linum Usitatissimum extract and investigation of their photocatalytic activityackn. Inorganic Chemistry Communication, 2020, 119, 108066.	3.9	40
62	Cytotoxic and antifungal studies of biosynthesized zinc oxide nanoparticles using extract of Prosopis farcta fruit. Green Chemistry Letters and Reviews, 2020, 13, 27-33.	4.7	25
63	Effect of nickel oxide nanoparticles as a photocatalyst in dyes degradation and evaluation of effective parameters in their removal from aqueous environments. Inorganic Chemistry Communication, 2020, 115, 107867.	3.9	128
64	Prevalence and associated risk factors of intestinal helminthic infections in children from Lorestan province, Western Iran. Parasite Epidemiology and Control, 2020, 9, e00136.	1.8	7
65	Nickel-doped cerium oxide nanoparticles: biosynthesis, cytotoxicity and UV protection studies. RSC Advances, 2020, 10, 3967-3977.	3.6	43
66	Inhibition of miRâ€155 in MCFâ€7 breast cancer cell line by gold nanoparticles functionalized with antagomir and AS1411 aptamer. Journal of Cellular Physiology, 2020, 235, 6887-6895.	4.1	39
67	Egg white-mediated green synthesis of NiO nanoparticles and study of their cytotoxicity and photocatalytic activity. Polyhedron, 2020, 178, 114351.	2.2	100
68	Evaluation of Antifungal and Photocatalytic Activities of Gelatin-Stabilized Selenium Oxide Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3036-3044.	3.7	26
69	Applications of nano-materials in diverse dentistry regimes. RSC Advances, 2020, 10, 15430-15460.	3.6	62
70	Greener synthesis of Rod Shaped Zinc Oxide Nanoparticles using Lilium ledebourii tuber and evaluation of their Leishmanicidal activity. Iranian Journal of Biotechnology, 2020, 18, e2196.	0.3	10
71	Green Synthesis and Characterization of Copper Nanoparticles and Their Effects on Liver Function and Hematological Parameters in Mice. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 412-416.	1.4	15
72	Linguatula serrata in cattle in southeastern Iran: Epidemiological, histopathological and phylogenetic profile and its zoonotic importance. Veterinary Parasitology: Regional Studies and Reports, 2020, 22, 100465.	0.5	5

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73	Efficacy and Safety of Boiss Essential Oil against Acute Toxoplasmosis in Mice. Iranian Journal of Parasitology, 2020, 15, 22-30.	0.6	6
74	Green synthesis of zinc sulfide (ZnS) nanoparticles using Stevia rebaudiana Bertoni and evaluation of its cytotoxic properties. Journal of Molecular Structure, 2019, 1175, 214-218.	3.6	107
75	Experimental data on the removal of phenol by electro-H2O2 in presence of UV with response surface methodology. MethodsX, 2019, 6, 1188-1193.	1.6	27
76	Zinc oxide nanoparticles: Biosynthesis, characterization, antifungal and cytotoxic activity. Materials Science and Engineering C, 2019, 104, 109981.	7.3	100
77	Electrochemical biosensing of 16s rRNA gene sequence of Enterococcus faecalis. Biosensors and Bioelectronics, 2019, 142, 111541.	10.1	16
78	Efficacy and safety of Curcuma longa essential oil to inactivate hydatid cyst protoscoleces. BMC Complementary and Alternative Medicine, 2019, 19, 187.	3.7	24
79	Protocol encompassing ultrasound/Fe3O4 nanoparticles/persulfate for the removal of tetracycline antibiotics from aqueous environments. Clean Technologies and Environmental Policy, 2019, 21, 1665-1674.	4.1	32
80	Cockroach wings-promoted safe and greener synthesis of silver nanoparticles and their insecticidal activity. Bioprocess and Biosystems Engineering, 2019, 42, 2007-2014.	3.4	41
81	Copper Oxide Nanoparticles Greener Synthesis Using Tea and its Antifungal Efficiency on Fusarium solani. Geomicrobiology Journal, 2019, 36, 777-781.	2.0	34
82	A review on metal-organic frameworks: Synthesis and applications. TrAC - Trends in Analytical Chemistry, 2019, 118, 401-425.	11.4	546
83	Associated-risk determinants for anthroponotic cutaneous leishmaniasis treated with meglumine antimoniate: A cohort study in Iran. PLoS Neglected Tropical Diseases, 2019, 13, e0007423.	3.0	31
84	In vitro and ex vivo scolicidal effects of Olea europaea L. to inactivate the protoscolecs during hydatid cyst surgery. Annals of Medicine and Surgery, 2019, 42, 7-10.	1.1	25
85	Prevalence and associated risk factors of Cystoisospora belli and Cyclospora cayetanensis infection among Iranian patients with colorectal cancer. Journal of Parasitic Diseases, 2019, 43, 402-405.	1.0	9
86	Photo-Fenton like Catalyst System: Activated Carbon/CoFe2O4 Nanocomposite for Reactive Dye Removal from Textile Wastewater. Applied Sciences (Switzerland), 2019, 9, 963.	2.5	45
87	The Phosphorylation of IRS1^{S307} and Akt^{S473} Molecules in Insulinâ€Resistant C2C12 Cells Induced with Palmitate Is Influenced by Epigallocatechin Gallate from Green Tea. Lipids, 2019, 54, 141-148.	1.7	6
88	A Survey on the Adjuvant Role of Naloxone Alone or Combined with Alum in Vaccination Against Fasciolosis in BALB/c Mice. Acta Parasitologica, 2019, 64, 236-245.	1.1	1
89	Host's immune response in unresponsive and responsive patients with anthroponotic cutaneous leishmaniasis treated by meglumine antimoniate: A case-control study of Th1 and Th2 pathways. International Immunopharmacology, 2019, 69, 321-327.	3.8	25
90	Nickel-Doped Cerium Oxide Nanoparticles: Green Synthesis Using Stevia and Protective Effect against Harmful Ultraviolet Rays. Molecules, 2019, 24, 4424.	3.8	40

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91	ZnO nanoparticles immobilized on the surface of stones to study the removal efficiency of 4-nitroaniline by the hybrid advanced oxidation process (UV/ZnO/O3). Journal of Molecular Structure, 2019, 1176, 766-776.	3.6	66
92	Optimizing the photocatalytic process of removing diazinon pesticide from aqueous solutions and effluent toxicity assessment via a response surface methodology approach. Rendiconti Lincei, 2019, 30, 155-165.	2.2	15
93	Super-paramagnetic iron oxide nanoparticles (SPIONs): Greener synthesis using Stevia plant and evaluation of its antioxidant properties. Journal of Cleaner Production, 2019, 208, 1171-1177.	9.3	120
94	Evaluation of a self-nanoemulsifying docetaxel delivery system. Biomedicine and Pharmacotherapy, 2019, 109, 2427-2433.	5.6	47
95	Clinical and laboratory evaluation of cured and non-cured patients with cutaneous leishmaniasis treated by Glucantime. Journal of Vector Borne Diseases, 2019, 56, 351.	0.4	1
96	Waste-grass-mediated green synthesis of silver nanoparticles and evaluation of their anticancer, antifungal and antibacterial activity. Green Chemistry Letters and Reviews, 2018, 11, 125-134.	4.7	170
97	Naltrexone; as an efficient adjuvant in induction of Th1 immunity and protection against Fasciola hepatica infection. Experimental Parasitology, 2018, 189, 66-71.	1.2	9
98	Rectangular shaped zinc oxide nanoparticles: Green synthesis by Stevia and its biomedical efficiency. Ceramics International, 2018, 44, 15596-15602.	4.8	131
99	Cytotoxicity, leishmanicidal, and antioxidant activity of biosynthesised zinc sulphide nanoparticles using Phoenix dactylifera. IET Nanobiotechnology, 2018, 12, 264-269.	3.8	37
100	Direct growth of ternary copper nickel cobalt oxide nanowires as binder-free electrode on carbon cloth for nonenzymatic glucose sensing. Microchemical Journal, 2018, 142, 343-351.	4.5	41
101	Core@shell Nanoparticles: Greener Synthesis Using Natural Plant Products. Applied Sciences (Switzerland), 2018, 8, 411.	2.5	135
102	Applications of green synthesized Ag, ZnO and Ag/ZnO nanoparticles for making clinical antimicrobial wound-healing bandages. Sustainable Chemistry and Pharmacy, 2018, 10, 9-15.	3.3	160
103	Biosynthesis of bimetallic and coreâ€“shell nanoparticles: their biomedical applications â€“ a review. IET Nanobiotechnology, 2018, 12, 879-887.	3.8	79
104	Antifungal and antibacterial activity of densely dispersed silver nanospheres with homogeneity size which synthesized using chicory: An in vitro study. Journal De Mycologie Medicale, 2018, 28, 637-644.	1.5	21
105	Biosynthesis of Ag nanoparticles using Salicornia bigelovii and its antibacterial activity. Electronic Physician, 2018, 10, 6733-6740.	0.2	10
106	Simple biosynthesis of zinc oxide nanoparticles using nature's source, and it's inÂvitro bio-activity. Journal of Molecular Structure, 2017, 1146, 96-103.	3.6	149
107	Cytotoxic activity of biosynthesized Ag Nanoparticles by Plantago major towards a human breast cancer cell line. Rendiconti Lincei, 2017, 28, 693-699.	2.2	44
108	Bacterial Biosynthesis of Gold Nanoparticles Using Salmonella enterica subsp. enterica serovar Typhi Isolated from Blood and Stool Specimens of Patients. Journal of Cluster Science, 2017, 28, 2997-3007.	3.3	42

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109	In vitro and in vivo antifungal properties of silver nanoparticles against Rhizoctonia solani , a common agent of rice sheath blight disease. IET Nanobiotechnology, 2017, 11, 236-240.	3.8	61
110	Copper/copper oxide nanoparticles synthesis usingStachys lavandulifoliaand its antibacterial activity. IET Nanobiotechnology, 2017, 11, 709-713.	3.8	76
111	Biosynthesis of Silver Nanoparticles Using Pine Pollen and Evaluation of the Antifungal Efficiency. Iranian Journal of Biotechnology, 2017, 15, 95-101.	0.3	53
112	Leishmanicidal Activity of Biogenic Fe3O4 Nanoparticles. Scientia Pharmaceutica, 2017, 85, 36.	2.0	56
113	Evaluation of Antibacterial Activity of Iron Oxide Nanoparticles Against Escherichia coli. International Journal of Basic Science in Medicine, 2017, 2, 166-169.	0.3	7
114	Plantâ€mediated green synthesis of silver nanoparticles usingTrifolium resupinatumseed exudate and their antifungal efficacy onNeofusicoccum parvumandRhizoctonia solani. IET Nanobiotechnology, 2016, 10, 237-243.	3.8	72
115	Check-hybrid GLDPC codes: Systematic elimination of trapping sets and guaranteed error correction capability. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1679-1692.	3.9	1
116	Stachys lavandulifolia and Lathyrus sp. Mediated for Green Synthesis of Silver Nanoparticles and Evaluation Its Antifungal Activity Against Dothiorella sarmentorum. Journal of Cluster Science, 2016, 27, 1613-1628.	3.3	32
117	Facile Biosynthesis of Silver Nanoparticles Using Descurainia sophia and Evaluation of Their Antibacterial and Antifungal Properties. Journal of Cluster Science, 2016, 27, 1601-1612.	3.3	57
118	Comparison of Two-Reader and Three-Reader 2-D Magnetic Recording Systems. IEEE Transactions on Magnetics, 2016, 52, 1-8.	2.1	4
119	Optimization of Bit Geometry and Multi-Reader Geometry for Two-Dimensional Magnetic Recording. IEEE Transactions on Magnetics, 2016, 52, 1-7.	2.1	19
120	Extracellular synthesis gold nanotriangles using biomass of Streptomyces microflavus. IET Nanobiotechnology, 2016, 10, 33-38.	3.8	46
121	Information Rates of Constrained TDMR Channels Using Generalized Belief Propagation. , 2015, , .		4
122	A Study of TDMR Signal Processing Opportunities Based on Quasi-Micromagnetic Simulations. IEEE Transactions on Magnetics, 2015, 51, 1-7.	2.1	15
123	Symmetric information rate estimation and bit aspect ratio optimization for TDMR using Generalized Belief Propagation. , 2015, , .		7
124	Synthesis of silver nanoparticles using seed exudates of Sinapis arvensis as a novel bioresource, and evaluation of their antifungal activity. Bioresources and Bioprocessing, 2015, 2, .	4.2	99
125	Phoenix dactylifera (date palm) pit aqueous extract mediated novel route for synthesis high stable silver nanoparticles with high antifungal and antibacterial activity. IET Nanobiotechnology, 2015, 9, 184-190.	3.8	67
126	GBP-based detection and symmetric information rate for rectangular-grain TDMR model. , 2014, , .		2

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127	Constrained coding and detection for TDMR using generalized belief propagation. , 2014, , .		18
128	Information Rates of Constrained TDMR Channels Using Generalized Belief Propagation. , 2014, , .		3
129	Detection for Two-Dimensional Magnetic Recording Systems. Journal of Communications, 2013, 8, 233-239.	1.6	8
130	Regulation of MI Transport in Retinal Pigment Epithelium by Sugars, Amiloride, and pH Gradients: Potential Impairment of Pump-Leak Balance in Diabetic Maculopathy. Membrane Biochemistry, 1990, 9, 279-292.	0.6	8
131	Kinetics ofmyoâ€¦Inositol Transport in Corneal Endothelial Cells: Diverse Effects of Sugars and Implications in Corneal Deutergence. Membrane Biochemistry, 1990, 9, 91-106.	0.6	5
132	Direct Regulation of Na⁺-Dependentmyo-Inositol Transport by Sugars in Retinal Pigment Epithelium: Role of Phorbol Ester and Staurosporin. Membrane Biochemistry, 1990, 9, 263-277.	0.6	8
133	Massive Follicular Lymphoid Hyperplasia in Experimental Allergic Conjunctivitis. JAMA Ophthalmology, 1989, 107, 433.	2.4	25
134	Carrier-dependent and carrier-independent uptake of myo-inositol in cultured retinal pigment epithelial cells: activation by heat and concentration. Biochemistry and Cell Biology, 1988, 66, 942-950.	2.0	13
135	Inhibitory effects of pyridoxal phosphate, ascorbate and aminoguanidine on nonenzymatic glycosylation. Life Sciences, 1988, 43, 1725-1731.	4.3	62
136	Regulation of uptake of inositol by glucose in cultured retinal pigment epithelial cells. Biochemistry and Cell Biology, 1988, 66, 951-957.	2.0	17
137	Na+-Linked Active Transport of Ascorbate into Cultured Bovine Retinal Pigment Epithelial Cells: Heterologous Inhibition by Glucose. Membrane Biochemistry, 1987, 7, 115-130.	0.6	27
138	Study of photodegradation performance and ability of lead removal of green synthesised maghemite nanoparticles. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	3.3	4