

Zahra Shariatinia

List of Publications by Year in descending order

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167
papers

7,136
citations

38660

50
h-index

69108

77
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all docs

170
docs citations

170
times ranked

6598
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of TiO ₂ paste concentration employed as electron transport layers in fully ambient air processed perovskite solar cells with a low-cost architecture. <i>Ceramics International</i> , 2022, 48, 320-336.	2.3	36
2	Unveiling the influence of SmFeO ₃ -TiO ₂ nanocomposites as high performance photoanodes of dye-sensitized solar cells. <i>Journal of Molecular Liquids</i> , 2022, 348, 118070.	2.3	26
3	Dye sensitized solar cells go beyond using perovskite and spinel inorganic materials: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112047.	8.2	54
4	Smart pH-responsive drug release systems based on functionalized chitosan nanocomposite hydrogels. <i>Surfaces and Interfaces</i> , 2022, 29, 101739.	1.5	11
5	Hole transport properties of some spiro-based materials for quantum dot sensitized solar devices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113810.	2.0	15
6	Designing novel spiro compounds as favorable hole transport materials for quantum dot sensitized photovoltaics. <i>Solar Energy</i> , 2022, 236, 548-560.	2.9	15
7	Exploring the influence of Zn ₂ SnO ₄ /ZIF-8 nanocomposite photoelectrodes on boosting efficiency of dye sensitized solar cells. <i>Ceramics International</i> , 2022, 48, 21812-21823.	2.3	20
8	Boosted performances of mesoscopic perovskite solar cells using LaFeO ₃ inorganic perovskite nanomaterial. <i>Journal of Electroanalytical Chemistry</i> , 2022, 916, 116376.	1.9	14
9	Surface passivation boosted performances of perovskite solar cells assembled under ambient conditions. <i>Optical Materials</i> , 2022, 131, 112746.	1.7	12
10	tert-Butylamine functionalized MCM-41 mesoporous nanoparticles as drug carriers for the controlled release of cyclophosphamide anticancer drug. <i>Surfaces and Interfaces</i> , 2021, 22, 100842.	1.5	15
11	Hydrogen production employing Cu(BDC) metal-organic framework support in methanol steam reforming process within monolithic micro-reactors. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 565-580.	3.8	33
12	Applications of carbon nanotubes. , 2021, , 321-364.		4
13	Biopolymer Matrix Composites for New Medical Applications. , 2021, , 842-866.		2
14	Nanostructured anodes in rechargeable batteries. , 2021, , 159-186.		0
15	Cell penetration peptide-based nanomaterials in drug delivery and biomedical applications. , 2021, , 535-588.		3
16	Perovskite solar cells as modern nano tools and devices in solar power energy. , 2021, , 377-427.		5
17	Molecular Dynamics Simulations on Drug Delivery Systems. , 2021, , 153-182.		3
18	Nanostructured cathodes in rechargeable batteries. , 2021, , 221-292.		0

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19	A review on surface modification methods of poly(arylsulfone) membranes for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 906-965.	1.9	9
20	Graphitic carbon nitride: Applications. , 2021, , 591-628.		3
21	Effect of zeolitic metal-organic framework on thermal, mechanical, and electrical properties of Ca/Zn-stabilized polyvinyl chloride. <i>Journal of Vinyl and Additive Technology</i> , 2021, 27, 497-507.	1.8	7
22	Dye sensitized solar cells fabricated based on nanocomposite photoanodes of TiO ₂ and AlMo _{0.5} O ₃ perovskite nanoparticles. <i>Solar Energy</i> , 2021, 218, 435-444.	2.9	37
23	Applications of zeolitic imidazolate framework-8 (ZIF-8) in bone tissue engineering: A review. <i>Tissue and Cell</i> , 2021, 72, 101588.	1.0	64
24	Designing novel anticancer drug release vehicles based on mesoporous functionalized MCM-41 nanoparticles. <i>Journal of Molecular Structure</i> , 2021, 1242, 130754.	1.8	25
25	Big family of nano- and microscale drug delivery systems ranging from inorganic materials to polymeric and stimuli-responsive carriers as well as drug-conjugates. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102790.	1.4	18
26	Isoindigo derivatives as promising hole transport materials for perovskite solar cells. <i>Solar Energy</i> , 2021, 230, 260-268.	2.9	28
27	Nitrogen and phosphorous doped graphene quantum dots: Excellent flame retardants and smoke suppressants for polyacrylonitrile nanocomposites. <i>Journal of Hazardous Materials</i> , 2020, 381, 121013.	6.5	75
28	Synthesis and photocatalytic degradation activities of phosphorus containing ZnO microparticles under visible light irradiation for water treatment applications. <i>Environmental Pollution</i> , 2020, 259, 113902.	3.7	65
29	Recent progress in development of diverse kinds of hole transport materials for the perovskite solar cells: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 119, 109608.	8.2	83
30	Biopolymeric Nanocomposites in Drug Delivery. <i>Advances in Material Research and Technology</i> , 2020, , 233-290.	0.3	7
31	ZnO Photocatalyst Revisited: Effective Photocatalytic Degradation of Emerging Contaminants Using S-Doped ZnO Nanoparticles under Visible Light Radiation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 15894-15911.	1.8	188
32	Molecular dynamics simulations on chitosan/graphene nanocomposites as anticancer drug delivery using systems. <i>Chinese Journal of Physics</i> , 2020, 66, 362-382.	2.0	24
33	Fabrication of chitosan-polyethylene glycol nanocomposite films containing ZIF-8 nanoparticles for application as wound dressing materials. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 421-432.	3.6	84
34	Synthesis of highly efficient and stable Ni/Ce _x Zr _{1-x} Gd _x O ₄ and Ni/X-Al ₂ O ₃ (X = Ce, Zr, Gd, Ce-Zr-Gd) nanocatalysts applied in methane reforming reactions. <i>Ceramics International</i> , 2020, 46, 25122-25135.	2.3	15
35	Application of Zn _x La _y Fe _z O ₄ spinel nanomaterial in quantum dot sensitized solar cells. <i>Optik</i> , 2020, 212, 164682.	1.4	22
36	From Traditional Strategies to Z-scheme Configuration in Graphitic Carbon Nitride Photocatalysts: Recent Progress and Future Challenges. <i>Applied Catalysis B: Environmental</i> , 2020, 276, 119157.	10.8	121

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37	Fabrication of Antibacterial Electrospun Chitosan-Polyethylene Oxide Nanocomposite Nanofibrous Mats. , 2020, , 19-22.		0
38	Chitosan and Polyethylene Glycol Nanocomposites Designed to Deliver Anticancer Drug: Molecular Dynamics Simulations. , 2020, , 11-14.		0
39	Molecular Dynamics Simulations on Polycaprolactone Nanocomposite Drug Delivery Systems. , 2020, , 15-18.		0
40	Pharmaceutical applications of natural polysaccharides. , 2019, , 15-57.		22
41	Corrosion inhibition efficiency of some phosphoramidate derivatives: DFT computations and MD simulations. Journal of Molecular Liquids, 2019, 292, 111409.	2.3	32
42	Biodegradable Polymer Nanobiocomposite Packaging Materials. , 2019, , 191-241.		4
43	Synergetic photocatalytic ozonation using modified graphitic carbon nitride for treatment of emerging contaminants under UVC, UVA and visible irradiation. Chemical Engineering Science, 2019, 209, 115181.	1.9	26
44	Polyacrylonitrile/N,P co-doped graphene quantum dots-layered double hydroxide nanocomposite: Flame retardant property, thermal stability and fire hazard. European Polymer Journal, 2019, 120, 109256.	2.6	23
45	Hybrid silica aerogel nanocomposite adsorbents designed for Cd(II) removal from aqueous solution. Water Environment Research, 2019, 91, 1624-1637.	1.3	26
46	Polysaccharide hydrogel films/membranes for transdermal delivery of therapeutics. , 2019, , 639-684.		9
47	In vitro antibacterial property assessment of silver nanoparticles synthesized by <i>Falcaria vulgaris</i> aqueous extract against MDR bacteria. Journal of Sol-Gel Science and Technology, 2019, 90, 380-389.	1.1	14
48	The RGD tripeptide anticancer drug carrier: DFT computations and molecular dynamics simulations. Journal of Molecular Liquids, 2019, 281, 565-583.	2.3	27
49	Hexagonal boron nitride nanosheet as novel drug delivery system for anticancer drugs: Insights from DFT calculations and molecular dynamics simulations. Journal of Molecular Graphics and Modelling, 2019, 89, 50-59.	1.3	123
50	Revealing the role of different nitrogen functionalities in the drug delivery performance of graphene quantum dots: a combined density functional theory and molecular dynamics approach. Journal of Materials Chemistry B, 2019, 7, 6156-6171.	2.9	70
51	Polycaprolactone nanocomposite systems used to deliver ifosfamide anticancer drug: molecular dynamics simulations. Structural Chemistry, 2019, 30, 863-876.	1.0	20
52	Application of RGO/CNT nanocomposite as cathode material in lithium-air battery. Journal of Electroanalytical Chemistry, 2019, 832, 165-173.	1.9	16
53	Chitosan nanocomposite drug delivery systems designed for the ifosfamide anticancer drug using molecular dynamics simulations. Journal of Molecular Liquids, 2019, 273, 346-367.	2.3	76
54	Operation Mechanism of Perovskite Quantum Dot Solar Cells Probed by Impedance Spectroscopy. ACS Energy Letters, 2019, 4, 251-258.	8.8	73

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55	Pharmaceutical applications of chitosan. <i>Advances in Colloid and Interface Science</i> , 2019, 263, 131-194.	7.0	391
56	Investigation of the effect of mesoporous diatomaceous earth particles on RATRP of styrene and butyl acrylate. <i>Journal of Thermoplastic Composite Materials</i> , 2019, 32, 248-266.	2.6	6
57	Studying the effect of particle size on the antibacterial activity of some N-nicotinyl phosphoric triamides. <i>Particulate Science and Technology</i> , 2019, 37, 427-433.	1.1	3
58	Nanofiltration membranes based on PA6/EVOH with variable composition and morphology. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, E28.	1.8	3
59	Chitosan-based hydrogels: Preparation, properties and applications. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 194-220.	3.6	230
60	DFT computations on surface physical adsorption of hydrocarbons produced in the Fischer-Tropsch synthesis on a CNT/Co nanocatalyst. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 786-808.	2.4	20
61	Quantum dot sensitized solar cells fabricated by means of a novel inorganic spinel nanoparticle. <i>Applied Surface Science</i> , 2018, 441, 1-11.	3.1	50
62	High efficiency visible-light-driven Fe ₂ O ₃ -xS /S-doped g-C ₃ N ₄ heterojunction photocatalysts: Direct Z-scheme mechanism. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1511-1525.	5.6	107
63	AlN and AlP doped graphene quantum dots as novel drug delivery systems for 5-fluorouracil drug: Theoretical studies. <i>Journal of Fluorine Chemistry</i> , 2018, 211, 81-93.	0.9	95
64	Novel visible light driven CuO/SmFeO ₃ nanocomposite photocatalysts with enhanced photocatalytic activities for degradation of organic pollutants. <i>Journal of Molecular Liquids</i> , 2018, 262, 533-548.	2.3	60
65	Synthesis of novel CuO/LaFeO ₃ nanocomposite photocatalysts with superior Fenton-like and visible light photocatalytic activities for degradation of aqueous organic contaminants. <i>Separation and Purification Technology</i> , 2018, 202, 227-241.	3.9	81
66	Al ³⁺ doping into TiO ₂ photoanodes improved the performances of amine anchored CdS quantum dot sensitized solar cells. <i>Materials Research Bulletin</i> , 2018, 98, 121-132.	2.7	63
67	Enhanced efficiency of quantum dot sensitized solar cells using Cu ₂ O/TiO ₂ nanocomposite photoanodes. <i>Journal of Alloys and Compounds</i> , 2018, 737, 99-112.	2.8	56
68	Fabrication of CdS quantum dot sensitized solar cells using nitrogen functionalized CNTs/TiO ₂ nanocomposites. <i>Diamond and Related Materials</i> , 2018, 81, 1-15.	1.8	41
69	Synthesis of high growth rate SWCNTs and their magnetite cobalt sulfide nanohybrid as super-adsorbent for mercury removal. <i>Chemical Engineering Research and Design</i> , 2018, 129, 132-149.	2.7	75
70	Synthesis and characterization of novel Sm ₂ O ₃ /S-doped g-C ₃ N ₄ nanocomposites with enhanced photocatalytic activities under visible light irradiation. <i>Applied Surface Science</i> , 2018, 427, 375-387.	3.1	87
71	Carboxymethyl chitosan: Properties and biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1406-1419.	3.6	455
72	Computational studies on the doped graphene quantum dots as potential carriers in drug delivery systems for isoniazid drug. <i>Structural Chemistry</i> , 2018, 29, 1427-1448.	1.0	63

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73	Self-cleaning Properties of Nylon 6 Fabrics Treated with Corona and TiO ₂ Nanoparticles under Both Ultraviolet and Daylight Irradiations. <i>Fibers and Polymers</i> , 2018, 19, 1014-1023.	1.1	17
74	Synthesis of zeolite NaY and its nanocomposites with chitosan as adsorbents for lead(II) removal from aqueous solution. <i>Powder Technology</i> , 2018, 338, 744-763.	2.1	63
75	Facile synthesis of NiS ₂ nanoparticles ingrained in a sulfur-doped carbon nitride framework with enhanced visible light photocatalytic activity: two functional roles of thiourea. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13448-13466.	5.2	65
76	Disperse dyeing and antibacterial properties of nylon and wool fibers using two novel nanosized copper(II) complexes bearing phosphoramidate ligands. <i>Arabian Journal of Chemistry</i> , 2017, 10, 944-955.	2.3	15
77	Controlled release of metformin from chitosan-based nanocomposite films containing mesoporous MCM-41 nanoparticles as novel drug delivery systems. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 60-76.	5.0	120
78	DFT computational study on the phosphate functionalized SWCNTs as efficient drug delivery systems for anti-osteoporosis zoledronate and risedronate drugs. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 91, 41-59.	1.3	48
79	Effective aqueous arsenic removal using zero valent iron doped MWCNT synthesized by in situ CVD method using natural Fe ₂ O ₃ as a precursor. <i>Chemosphere</i> , 2017, 171, 502-511.	4.2	74
80	In situ fabrication of SnO ₂ /S-doped g-C ₃ N ₄ nanocomposites and improved visible light driven photodegradation of methylene blue. <i>Journal of Molecular Liquids</i> , 2017, 248, 688-702.	2.3	60
81	Sulfur-Doped Mesoporous Carbon Nitride Decorated with Cu Particles for Efficient Photocatalytic Degradation under Visible-Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19239-19253.	1.5	60
82	Facile one-pot synthesis of cerium oxide/sulfur-doped graphitic carbon nitride (g-C ₃ N ₄) as efficient nanophotocatalysts under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 59-73.	5.0	113
83	Desulfurization efficiency of polydimethylsiloxane/silica nanoparticle nanocomposite membranes: MD simulations. <i>Computational Materials Science</i> , 2017, 139, 115-124.	1.4	19
84	Phosphate functionalized (4,4)-armchair CNTs as novel drug delivery systems for alendronate and etidronate anti-osteoporosis drugs. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 76, 86-105.	1.3	60
85	Controllable Synthesis of Mesoporous Sulfur-Doped Carbon Nitride Materials for Enhanced Visible Light Photocatalytic Degradation. <i>Langmuir</i> , 2017, 33, 7062-7078.	1.6	119
86	Controlled release of cefazolin sodium antibiotic drug from electrospun chitosan-polyethylene oxide nanofibrous Mats. <i>Materials Science and Engineering C</i> , 2017, 71, 641-652.	3.8	108
87	Improvement of polyacrylonitrile ultrafiltration membranes' properties using decane-functionalized reduced graphene oxide nanoparticles. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 1378-1387.	1.0	7
88	DFT computations on the hydrogen bonding interactions between methacrylic acid-trimethylolpropane trimethacrylate copolymers and letrozole as drug delivery systems. <i>Journal of Theoretical and Computational Chemistry</i> , 2016, 15, 1650015.	1.8	28
89	High catalytic activity and stability of ZnLaAlO ₄ supported Ni, Pt and Ru nanocatalysts applied in the dry, steam and combined dry-steam reforming of methane. <i>Chemical Engineering Journal</i> , 2016, 299, 353-366.	6.6	130
90	A novel chitosan-polyethylene oxide nanofibrous mat designed for controlled co-release of hydrocortisone and imipenem/cilastatin drugs. <i>International Journal of Pharmaceutics</i> , 2016, 513, 636-647.	2.6	64

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91	Synthesis of star-like MnO ₂ -CeO ₂ /CNT composite as an efficient cathode catalyst applied in lithium-oxygen batteries. <i>Electrochimica Acta</i> , 2016, 222, 821-829.	2.6	23
92	Synthesis and characterization of novel spinel Zn _{1.114} La _{1.264} Al _{0.5} O _{4.271} nanoparticles. <i>Journal of Alloys and Compounds</i> , 2016, 686, 384-393.	2.8	21
93	Antibacterial electrospun chitosan-polyethylene oxide nanocomposite mats containing ZIF-8 nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 778-788.	3.6	157
94	Synthesis of a novel 3Å%Ru/CeZr _{0.5} GdO ₄ nanocatalyst and its application in the dry and steam reforming of methane. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 423-434.	1.8	17
95	Fe-Supported SBA-16 Type Cage-like Mesoporous Silica with Enhanced Catalytic Activity for Direct Hydroxylation of Benzene to Phenol. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3900-3908.	1.8	64
96	Molecular dynamics simulations on desulfurization of n-octane/thiophene mixture using silica filled polydimethylsiloxane nanocomposite membranes. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2016, 24, 035002.	0.8	16
97	Antibacterial electrospun chitosan-polyethylene oxide nanocomposite mats containing bioactive silver nanoparticles. <i>Carbohydrate Polymers</i> , 2016, 140, 287-298.	5.1	191
98	An optimization of MnO ₂ amount in CNT-MnO ₂ nanocomposite as a high rate cathode catalyst for the rechargeable Li-O ₂ batteries. <i>Electrochimica Acta</i> , 2016, 188, 428-440.	2.6	55
99	A theoretical study on the dihydrogen bonding interactions in various MgH ₂ and BeH ₂ complexes. <i>Main Group Chemistry</i> , 2015, 14, 323-338.	0.4	3
100	Synthesis, Spectroscopy, X-ray Crystallography, and DFT Computations of Nanosized Phosphazenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 967-978.	0.6	11
101	A novel bisphosphoramidate compound; structural and theoretical studies. <i>Main Group Chemistry</i> , 2015, 14, 79-89.	0.4	0
102	Nanoparticles of Cadmium Nitrate and Cobalt Nitrate Complexes Bearing Phosphoramidate Ligands Designed for Application in Dye Sensitized Solar Cells. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2015, 137, .	1.1	18
103	Mechanical properties and antibacterial activities of novel nanobiocomposite films of chitosan and starch. <i>Food Hydrocolloids</i> , 2015, 46, 112-124.	5.6	124
104	Synthesis of copper-silica nanosized catalysts for 2-butanol dehydrogenation and optimization of preparation parameters by response surface method. <i>Chemical Engineering Research and Design</i> , 2015, 96, 63-77.	2.7	24
105	Water assisted synthesis of MWCNTs over natural magnetic rock: An effective magnetic adsorbent with enhanced mercury(II) adsorption property. <i>Chemical Engineering Journal</i> , 2015, 281, 468-481.	6.6	50
106	Copper-based nanocatalysts for 2-butanol dehydrogenation: Screening and optimization of preparation parameters by response surface methodology. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 2418-2428.	1.2	13
107	Antibacterial activities of novel nanocomposite biofilms of chitosan/phosphoramidate/Ag NPs. <i>Polymer Composites</i> , 2015, 36, 454-466.	2.3	60
108	Conventional hydrothermal synthesis of nanostructured H-ZSM-5 catalysts using various templates for light olefins production from methanol. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 22, 260-269.	2.1	74

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109	Flame retardant cotton fibers produced using novel synthesized halogen-free phosphoramidate nanoparticles. <i>Carbohydrate Polymers</i> , 2015, 118, 183-198.	5.1	86
110	Effect of boron incorporation on the structure, products selectivities and lifetime of H-ZSM-5 nanocatalyst designed for application in methanol-to-olefins (MTO) reaction. <i>Microporous and Mesoporous Materials</i> , 2015, 203, 41-53.	2.2	156
111	Thermal decomposition kinetics of electrospun azidodeoxy cellulose nitrate and polyurethane nanofibers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 281-290.	2.0	23
112	The effects of synthesis operation conditions on the properties of modified γ -alumina nanocatalysts in methanol dehydration to dimethyl ether using factorial experimental design. <i>Fuel</i> , 2015, 139, 40-50.	3.4	39
113	Graft copolymerization of methacrylic acid monomers onto polypropylene fibers. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2014, 20, 87-96.	0.4	8
114	Preparation of N,N-p-phenylene bismethacryl amide as a novel cross-link agent for synthesis and characterization of the core-shell magnetic molecularly imprinted polymer nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 645-656.	1.7	14
115	Synthesis, X-ray Crystallography, and DFT Calculations of A Novel Phosphoramidate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2945-2955.	0.6	12
116	A new approach for one step synthesis of magnetic carbon nanotubes/diatomite earth composite by chemical vapor deposition method: Application for removal of lead ions. <i>Chemical Engineering Journal</i> , 2014, 253, 456-463.	6.6	79
117	A DFT study on the physical adsorption of cyclophosphamide derivatives on the surface of fullerene C60 nanocage. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 52, 71-81.	1.3	69
118	Phosphoramidates: Synthesis, Spectroscopy, and X-ray Crystallography. <i>Heteroatom Chemistry</i> , 2013, 24, 404-412.	0.4	2
119	CdS/CdSe quantum dots co-sensitized solar cells with Cu ₂ S counter electrode prepared by SILAR, spray pyrolysis and Zn-Cu alloy methods. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 271, 56-64.	2.0	58
120	Structures of a novel phosphoric triamide and its organotin(IV) complex. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 432-438.	0.8	18
121	Synthesis and antibacterial activities of novel nanocomposite films of chitosan/phosphoramidate/Fe ₃ O ₄ NPs. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 226-234.	3.6	58
122	Nanoparticles of novel organotin(IV) complexes bearing phosphoric triamide ligands. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 94-102.	1.5	18
123	Grafting of continuous polypropylene fibres by methacrylic acid monomers to improve their bonding to concrete matrix. <i>Magazine of Concrete Research</i> , 2013, 65, 802-808.	0.9	2
124	The Spectroscopy and Structure of New 1,3,2-Diazaphospholes and 1,3,2-Diazaphosphorinanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 183-191.	0.8	2
125	DFT calculations on the hydrogen bonding interactions between adrenaline and trimethoxysilylpropylamine. <i>Main Group Chemistry</i> , 2012, 11, 275-284.	0.4	13
126	Antitumor activities of some new 1,3,2-oxaza- and 1,3,2-diazaphosphorinanes against K562, MDA-MB-231, and HepG2 cells. <i>Medicinal Chemistry Research</i> , 2012, 21, 2185-2195.	1.1	14

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127	Novel organophosphorus compounds; synthesis, spectroscopy and X-ray crystallography. <i>Main Group Chemistry</i> , 2012, 11, 125-133.	0.4	2
128	Synthesis, conformational and NQR analysis of phosphoric triamides containing the P(O)[N]3 skeleton. <i>Journal of Molecular Structure</i> , 2012, 1023, 18-24.	1.8	18
129	Novel organotin(IV) complexes of organophosphorus ligands: Synthesis, spectroscopic, structural study and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2012, 715, 82-92.	0.8	26
130	Phosphoramidates: Synthesis, spectroscopy, and X-ray crystallography. <i>Heteroatom Chemistry</i> , 2012, 23, 478-485.	0.4	5
131	Synthesis of molecularly imprinted polymer as a sorbent for solid phase extraction of citalopram from human serum and urine. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1543-1552.	1.7	42
132	New Phosphoramidates: Spectroscopic Study and Ab Initio Computations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1768-1781.	0.8	3
133	A Novel Topical Tissue Adhesive Composed of Urethane Prepolymer Modified with Chitosan. <i>International Journal of Polymer Analysis and Characterization</i> , 2011, 16, 609-618.	0.9	17
134	Ab initio calculations on the hydrogen bonding interactions among pseudoephedrinium cation isomers and methacrylic acid. <i>Main Group Chemistry</i> , 2011, 10, 1-16.	0.4	15
135	Spectroscopic characterization and Ab initio calculations of new diazaphosphole and diazaphosphorinane. <i>Journal of Structural Chemistry</i> , 2011, 52, 287-294.	0.3	4
136	Hydrogen bonding interactions between β -D-glucose, and methacrylic acid. <i>Structural Chemistry</i> , 2011, 22, 1347-1352.	1.0	23
137	Cyclophosphamide analogues: synthesis, spectroscopic study, and antitumor activity of diazaphosphorinanes. <i>Medicinal Chemistry Research</i> , 2011, 20, 1287-1293.	1.1	12
138	N-2,4-dichlorobenzoyl phosphoric triamides: Synthesis, spectroscopic and X-ray crystallography studies. <i>Journal of Chemical Sciences</i> , 2010, 122, 549-559.	0.7	4
139	Polymorphism for a novel phosphoramidate; NMR and X-ray crystallography. <i>Structural Chemistry</i> , 2010, 21, 629-636.	1.0	23
140	New phosphoric triamides: Chlorine substituents effects and polymorphism. <i>Heteroatom Chemistry</i> , 2010, 21, 168-180.	0.4	41
141	Design, synthesis and anticholinesterase activity of some new β -aminobisphosphonates. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 827-835.	2.5	18
142	The first naphthodiazaphosphorinane in the solid phase; syntheses, spectroscopic studies and X-ray crystallography of some new 1,3,2-diheterophosphorus compounds. <i>Structural Chemistry</i> , 2009, 20, 481-488.	1.0	14
143	Structural diversity in phosphoramidate TM s chemistry: Syntheses, spectroscopic and X-ray crystallography studies. <i>Polyhedron</i> , 2009, 28, 307-321.	1.0	24
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