

Elaheh Goharshadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5645007/publications.pdf>

Version: 2024-02-01

150
papers

5,777
citations

76294

40
h-index

95218

68
g-index

153
all docs

153
docs citations

153
times ranked

6398
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced graphene oxide/silver/wood as a salt-resistant photoabsorber in solar steam generation and a strong antibacterial agent. <i>Materials Chemistry and Physics</i> , 2022, 275, 125258.	2.0	52
2	Decoration of graphene oxide as a cocatalyst on Bi doped g-C ₃ N ₄ photoanode for efficient solar water splitting. <i>Journal of Electroanalytical Chemistry</i> , 2022, 904, 115933.	1.9	23
3	Interfacial solar steam generation by sawdust coated with W doped VO ₂ . <i>Energy</i> , 2022, 244, 123146.	4.5	14
4	Alkaline earth metals doped VO ₂ nanoparticles for enhanced interfacial solar steam generation. <i>Materials Research Bulletin</i> , 2022, 149, 111705.	2.7	19
5	The use of nanotechnology in the fight against viruses: A critical review. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214559.	9.5	23
6	Copper Azolate Framework Coated on g-C ₃ N ₄ Nanosheets as a Core-Shell Heterojunction and Decorated with a Ni(OH) ₂ Cocatalyst for Efficient Photoelectrochemical Water Splitting. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8327-8336.	1.5	25
7	The use of nanofluids in solar desalination of saline water resources as antibacterial agents. , 2022, , 265-301.		8
8	Ag, Au, Pt, and Au-Pt nanoclusters in [N1114][C1SO3] ionic liquid: A molecular dynamics study. <i>Journal of Molecular Liquids</i> , 2022, 360, 119447.	2.3	11
9	Highly efficient plasmonic wood/Ag/Pd photoabsorber in interfacial solar steam generation. <i>Materials Research Bulletin</i> , 2022, 154, 111916.	2.7	45
10	Vanadium dioxide nanoparticles as a promising sorbent for controlled removal of waterborne fluoroquinolone ciprofloxacin. <i>Materials Chemistry and Physics</i> , 2021, 259, 123993.	2.0	17
11	Parameter optimization of tetracycline removal by vanadium oxide nano cuboids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 619, 126460.	2.3	15
12	Clean water production by non-noble metal/reduced graphene oxide nanocomposite coated on wood: Scalable interfacial solar steam generation and heavy metal sorption. <i>Solar Energy</i> , 2021, 224, 440-454.	2.9	65
13	Highly efficient solar desalination and wastewater treatment by economical wood-based double-layer photoabsorbers. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 101, 334-347.	2.9	57
14	Preparation of monodispersed carbonaceous nanomaterials – A review. <i>Colloids and Interface Science Communications</i> , 2021, 44, 100479.	2.0	2
15	Sustainable and superhydrophobic cellulose nanocrystal-based aerogel derived from waste tissue paper as a sorbent for efficient oil/water separation. <i>Chemical Engineering Research and Design</i> , 2021, 154, 155-167.	2.7	86
16	Porous perovskite-lanthanum cobaltite as an efficient cocatalyst in photoelectrocatalytic water oxidation by bismuth doped g-C ₃ N ₄ . <i>Solar Energy</i> , 2021, 227, 426-437.	2.9	31
17	Extraction of cellulose nanocrystals and fabrication of high alumina refractory bricks using pencil chips as a waste biomass source. <i>Ceramics International</i> , 2021, 47, 27042-27049.	2.3	20
18	Coupling electrocoagulation and solar photocatalysis for electro- and photo-catalytic removal of carmoisine by Ag/graphitic carbon nitride: Optimization by process modeling and kinetic studies. <i>Journal of Molecular Liquids</i> , 2021, 340, 116917.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Magnetically driven superhydrophobic/superoleophilic graphene-based polyurethane sponge for highly efficient oil/water separation and demulsification. Separation and Purification Technology, 2021, 274, 118931.	3.9	80
20	Highly efficient clean water production: Reduced graphene oxide/ graphitic carbon nitride/wood. Separation and Purification Technology, 2021, 279, 119788.	3.9	62
21	Highly efficient solar photocatalytic degradation of a textile dye by TiO ₂ /graphene quantum dots nanocomposite. Photochemical and Photobiological Sciences, 2021, 20, 87-99.	1.6	28
22	Enhanced electrophoretic separation of proteins by tethered SiO ₂ nanoparticles in an SDS-polyacrylamide gel network. Analyst, The, 2020, 145, 415-423.	1.7	10
23	Photoelectrochemical water splitting by engineered multilayer TiO ₂ /GQDs photoanode with cascade charge transfer structure. International Journal of Hydrogen Energy, 2020, 45, 123-134.	3.8	35
24	Engineering of a high-efficiency water splitting photoanode by synergistic effects of doping, compositing, and coupling on TiO ₂ nanoparticles. Electrochimica Acta, 2020, 362, 137149.	2.6	15
25	Electrophoretic extraction of highly monodispersed graphene quantum dots from widely polydispersed bulk and its cytotoxicity effect against cancer cells. Microchemical Journal, 2020, 159, 105391.	2.3	5
26	Enhanced solar desalination by delignified wood coated with bimetallic Fe/Pd nanoparticles. Desalination, 2020, 493, 114657.	4.0	66
27	Vanadium oxide nanoparticles for methylene blue water remediation: Exploring the effect of physicochemical parameters by process modeling. Journal of Molecular Liquids, 2020, 318, 114046.	2.3	16
28	Antibacterial activity of Ag nanoparticles/phosphomolybdate/reduced graphene oxide nanocomposite: Kinetics and mechanism insights. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114709.	1.7	19
29	An environmentally friendly superhydrophobic modified polyurethane sponge by seashell for the efficient oil/water separation. Chemical Engineering Research and Design, 2020, 139, 297-304.	2.7	88
30	Graphitic carbon nitride nanosheets prepared by electrophoretic size fractionation as an anticancer agent against human bone carcinoma. Materials Science and Engineering C, 2020, 111, 110803.	3.8	20
31	Highly Efficient Solar Catalytic Degradation of Reactive Black 5 Dye Using Mesoporous Plasmonic Ag/g-C ₃ N ₄ Nanocomposites. ChemistrySelect, 2020, 5, 2735-2745.	0.7	23
32	Multicomponent gas separation and purification using advanced 2D carbonaceous nanomaterials. RSC Advances, 2020, 10, 24255-24264.	1.7	16
33	Surfactant-mediated prepared VO ₂ (M) nanoparticles for efficient solar steam generation. Solar Energy Materials and Solar Cells, 2020, 211, 110515.	3.0	57
34	Flame retardant, superhydrophobic, and superoleophilic reduced graphene oxide/orthoaminophenol polyurethane sponge for efficient oil/water separation. Journal of Molecular Liquids, 2020, 307, 112979.	2.3	86
35	Efficient Photoelectrocatalytic Water Oxidation by Palladium Doped g-C ₃ N ₄ Electrodeposited Thin Film. Journal of Physical Chemistry C, 2019, 123, 26106-26115.	1.5	39
36	Z-scheme design of Ag@g-C ₃ N ₄ /ZnS photoanode device for efficient solar water oxidation: An organic-inorganic electronic interface. International Journal of Hydrogen Energy, 2019, 44, 13085-13097.	3.8	40

#	ARTICLE	IF	CITATIONS
37	Heat dissipation in slab gel electrophoresis: The effect of embedded TiO ₂ nanoparticles on the thermal profiles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1118-1119, 63-69.	1.2	10
38	Insights on the superior performance of nanostructured nitrogen-doped reduced graphene oxide in comparison with commercial Pt/C as cathode electrocatalyst layer of passive direct methanol fuel cell. <i>Electrochimica Acta</i> , 2019, 306, 220-228.	2.6	32
39	Electrophoretic size fractionation of graphene oxide nanosheets. <i>New Journal of Chemistry</i> , 2019, 43, 5047-5054.	1.4	14
40	Hydrogen storage on graphitic carbon nitride and its palladium nanocomposites: A multiscale computational approach. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 8325-8340.	3.8	32
41	Solar Mineralization of Hardâ€œDegradable Amphetamine Using TiO ₂ /RGO Nanocomposite. <i>ChemistrySelect</i> , 2019, 4, 14175-14183.	0.7	30
42	TiO ₂ nanoparticles and TiO ₂ @graphene quantum dots nanocomposites as effective visible/solar light photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 357, 90-102.	2.0	70
43	ZnS@ reduced graphene oxide nanocomposite as an effective sunlight driven photocatalyst for degradation of reactive black 5: A mechanistic approach. <i>Separation and Purification Technology</i> , 2018, 202, 326-334.	3.9	50
44	Synergistic effect of graphene nanosheets and zinc oxide nanoparticles for effective adsorption of Ni (II) ions from aqueous solutions. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	59
45	ZnS nanospheres/reduced graphene oxide photoanode for highly efficient solar water oxidation. <i>Solar Energy</i> , 2018, 161, 226-234.	2.9	34
46	Graphene oxide nanosheets synthesized by ultrasound: Experiment versus MD simulation. <i>Applied Surface Science</i> , 2018, 451, 112-120.	3.1	7
47	Multifunctional fluorescent titania nanoparticles: green preparation and applications as antibacterial and cancer theranostic agents. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 248-259.	1.9	22
48	Biosensing Applications of Graphitic Carbon Nitride-Chitosan Nanosheets on Glassy Carbon Electrode for Determination of Phytic Acid Biosensor. <i>Sensor Letters</i> , 2018, 16, 573-579.	0.4	2
49	Seawater desalination using pillared graphene as a novel nano-membrane in reverse osmosis process: nonequilibrium MD simulation study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22241-22248.	1.3	20
50	Photostability and visible-light-driven photoactivity enhancement of hierarchical ZnS nanoparticles: The role of embedment of stable defect sites on the catalyst surface with the assistant of ultrasonic waves. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 78-89.	3.8	69
51	Highly monodispersed hematite cubes for removal of ionic dyes. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1096-1106.	3.3	44
52	Nanometer-sized cerium oxide particles for solid phase extraction of trace amounts of mercury in real samples prior to cold vapor atomic adsorption spectrometry. <i>Separation Science and Technology</i> , 2017, 52, 1652-1659.	1.3	6
53	Neglected antibacterial activity of ethylene glycol as a common solvent. <i>Microbial Pathogenesis</i> , 2017, 107, 457-461.	1.3	18
54	Carbodiimide for Covalent $\hat{\pm}$ -Amylase Immobilization onto Magnetic Nanoparticles. <i>International Journal of Nanoscience</i> , 2017, 16, 1750015.	0.4	13

#	ARTICLE	IF	CITATIONS
55	Transport properties of graphene quantum dots in glycerol and distilled water. <i>Journal of Molecular Liquids</i> , 2017, 241, 831-838.	2.3	44
56	Improving antibacterial activity of phosphomolybdic acid using graphene. <i>Materials Chemistry and Physics</i> , 2017, 188, 58-67.	2.0	37
57	Kinetics and mechanism of antibacterial activity and cytotoxicity of Ag-RGO nanocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 366-374.	2.5	77
58	Highly efficient photocatalytic and photoelectrocatalytic activity of solar light driven WO ₃ /g-C ₃ N ₄ nanocomposite. <i>Solar Energy Materials and Solar Cells</i> , 2017, 160, 484-493.	3.0	137
59	Glycerol revisited molecular dynamic simulations of structural, dynamical, and thermodynamic properties. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1-7.	1.2	17
60	Structural and transport properties and solubility parameter of graphene/glycerol nanofluids: A molecular dynamics simulation study. <i>Journal of Molecular Liquids</i> , 2016, 222, 82-87.	2.3	20
61	Particle shape effects on some of the transport properties of tungsten oxide nanofluids. <i>Journal of Molecular Liquids</i> , 2016, 223, 828-835.	2.3	27
62	Successful degradation of Reactive Black 5 by engineered Fe/Pd nanoparticles: Mechanism and kinetics aspects. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 406-417.	2.7	18
63	Enhancing Efficiency of Perovskite Solar Cells via N-doped Graphene: Crystal Modification and Surface Passivation. <i>Advanced Materials</i> , 2016, 28, 8681-8686.	11.1	281
64	3-D mesoporous nitrogen-doped reduced graphene oxide as an efficient metal-free electrocatalyst for oxygen reduction reaction in alkaline fuel cells: Role of π and lone pair electrons. <i>Electrochimica Acta</i> , 2016, 222, 608-618.	2.6	52
65	Thermo-mechanical properties of boron nitride nanoribbons: A molecular dynamics simulation study. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 68, 1-13.	1.3	25
66	Effect of milling time and clay content on the thermal stability of polyethylene-clay nanocomposite. <i>Journal of Vinyl and Additive Technology</i> , 2016, 22, 285-292.	1.8	5
67	Influence of preparation methods of microwave, sol-gel, and hydrothermal on structural and optical properties of lanthania nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 65-72.	1.2	10
68	Adsorption of hexavalent chromium ions from aqueous solution by graphene nanosheets: kinetic and thermodynamic studies. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 2153-2160.	1.8	50
69	Embedded ceria nanoparticles in gel improve electrophoretic separation: a preliminary demonstration. <i>Analyst</i> , The, 2015, 140, 4434-4444.	1.7	12
70	Photocatalytic oxidative desulfurization of dibenzothiophene by C/TiO ₂ @MCM-41 nanoparticles under visible light and mild conditions. <i>RSC Advances</i> , 2015, 5, 34652-34662.	1.7	69
71	Rheological properties of the nanofluids of tungsten oxide nanoparticles in ethylene glycol and glycerol. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 1191-1202.	1.0	25
72	Graphitic carbon nitride embedded hydrogels for enhanced gel electrophoresis. <i>Analytica Chimica Acta</i> , 2015, 887, 245-252.	2.6	33

#	ARTICLE	IF	CITATIONS
73	Improvement of heat dissipation in agarose gel electrophoresis by metal oxide nanoparticles. RSC Advances, 2015, 5, 88655-88665.	1.7	18
74	Thermal conductivity and heat transport properties of nitrogen-doped graphene. Journal of Molecular Graphics and Modelling, 2015, 62, 74-80.	1.3	33
75	Investigation of graphene oxide nanosheets dispersion in water based on solubility parameters: a molecular dynamics simulation study. RSC Advances, 2015, 5, 106421-106430.	1.7	32
76	Sono-synthesis of biodiesel from soybean oil by $KF/\gamma\text{-Al}_2\text{O}_3$ as a nano-solid-base catalyst. Ultrasonics Sonochemistry, 2015, 23, 266-274.	3.8	52
77	Electrical conductivity of water-based palladium nanofluids. Microfluidics and Nanofluidics, 2015, 18, 667-672.	1.0	14
78	Electrical conductivity, thermal conductivity, and rheological properties of graphene oxide-based nanofluids. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	140
79	An Efficient Method for Chemoselective Reduction of Nitro Compounds Using Bimetallic Fe@Ni NPs/ H_2O . Journal of the Chinese Chemical Society, 2014, 61, 1108-1114.	0.8	7
80	Non-isothermal crystallization kinetics of polyethylene-clay nanocomposites prepared by high-energy ball milling. Bulletin of Materials Science, 2014, 37, 1113-1121.	0.8	9
81	Hydrogen storage on silicon, carbon, and silicon carbide nanotubes: A combined quantum mechanics and grand canonical Monte Carlo simulation study. International Journal of Hydrogen Energy, 2014, 39, 1719-1731.	3.8	40
82	Graphene nanosheets as efficient adsorbent for an azo dye removal: kinetic and thermodynamic studies. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	32
83	Thermal conductivity and heat transport properties of graphene nanoribbons. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	34
84	Gradual Growth of Gold Nanoseeds on Silica for Silica@Gold Core-Shell Nano Applications by Two Different Methods: A Comparison on Structural Properties. Journal of Cluster Science, 2014, 25, 1307-1317.	1.7	4
85	Structural, electrical, and rheological properties of palladium/silver bimetallic nanoparticles prepared by conventional and ultrasonic-assisted reduction methods. Advanced Powder Technology, 2014, 25, 801-810.	2.0	26
86	Preparation, characterization, and rheological properties of graphene-glycerol nanofluids. Chemical Engineering Journal, 2013, 231, 365-372.	6.6	127
87	Gradual growth of gold nanoseeds on silica for SiO_2 @gold homogeneous nano core/shell applications by the chemical reduction method. Physica Scripta, 2013, 87, 025802.	1.2	17
88	Natural gas storage on silicon, carbon, and silicon carbide nanotubes: a combined quantum mechanics and grand canonical Monte Carlo simulation study. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	12
89	Synthesis, characterization, and measurement of structural, optical, and photoluminescent properties of zinc sulfide quantum dots. Materials Science in Semiconductor Processing, 2013, 16, 356-362.	1.9	40
90	Photocatalytic degradation of reactive black 5 azo dye by zinc sulfide quantum dots prepared by a sonochemical method. Materials Science in Semiconductor Processing, 2013, 16, 1109-1116.	1.9	51

#	ARTICLE	IF	CITATIONS
91	Silver colloid nanoparticles: Ultrasound-assisted synthesis, electrical and rheological properties. Powder Technology, 2013, 237, 97-101.	2.1	45
92	Sonochemical synthesis and measurement of optical properties of zinc sulfide quantum dots. Chemical Engineering Journal, 2012, 209, 113-117.	6.6	58
93	Effect of calcination temperature on structural, vibrational, optical, and rheological properties of zirconia nanoparticles. Ceramics International, 2012, 38, 1771-1777.	2.3	59
94	Effects of different precursors on size and optical properties of ceria nanoparticles prepared by microwave-assisted method. Materials Research Bulletin, 2012, 47, 1089-1095.	2.7	59
95	Ceria nanoparticles as an efficient catalyst for oxidation of benzylic CH bonds. Journal of Molecular Catalysis A, 2012, 357, 67-72.	4.8	26
96	Preparation of nanospinel NiMn _x Fe _{2-2x} O ₄ using sol-gel method and their applications on removal of azo dye from aqueous solutions. Materials Chemistry and Physics, 2011, 130, 1156-1161.	2.0	18
97	Facile and green synthesis of ZnO nanostructures in a room-temperature ionic liquid 1-hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide. Inorganic Materials, 2011, 47, 379-384.	0.2	2
98	Fabrication, characterization, and measurement of viscosity of Fe ₃ O ₄ -glycerol nanofluids. Journal of Molecular Liquids, 2011, 163, 27-32.	2.3	99
99	Preparation, structural characterization, semiconductor and photoluminescent properties of zinc oxide nanoparticles in a phosphonium-based ionic liquid. Materials Science in Semiconductor Processing, 2011, 14, 69-72.	1.9	22
100	Fabrication of cerium oxide nanoparticles: Characterization and optical properties. Journal of Colloid and Interface Science, 2011, 356, 473-480.	5.0	277
101	Computation of some thermodynamics, transport, structural properties, and new equation of state for fluid neon using a new intermolecular potential from molecular dynamics simulation. Theoretical Chemistry Accounts, 2010, 127, 573-585.	0.5	22
102	Fabrication of nanospinel ZnCr ₂ O ₄ using sol-gel method and its application on removal of azo dye from aqueous solution. Journal of Hazardous Materials, 2010, 184, 684-689.	6.5	120
103	ZnO nanofluids: Green synthesis, characterization, and antibacterial activity. Materials Chemistry and Physics, 2010, 121, 198-201.	2.0	318
104	Validity of some regularities of dense fluids for ionic liquids. Journal of Molecular Liquids, 2010, 151, 117-121.	2.3	8
105	Fabrication, characterization and measurement of thermal conductivity of Fe ₃ O ₄ nanofluids. Journal of Magnetism and Magnetic Materials, 2010, 322, 3895-3901.	1.0	267
106	Fabrication, characterization, and measurement of some physicochemical properties of ZnO nanofluids. International Journal of Heat and Fluid Flow, 2010, 31, 599-605.	1.1	148
107	Volume fraction and temperature variations of the effective thermal conductivity of nanodiamond fluids in deionized water. International Journal of Heat and Mass Transfer, 2010, 53, 3186-3192.	2.5	92
108	Prediction of excess thermodynamic functions and activity coefficients of some polymeric liquid mixtures using a new equation of state. European Polymer Journal, 2010, 46, 587-591.	2.6	2

#	ARTICLE	IF	CITATIONS
109	Computation of some thermodynamic properties of helium-neon and helium-krypton fluid mixtures using molecular dynamics simulation. <i>Fluid Phase Equilibria</i> , 2010, 291, 117-124.	1.4	5
110	Study of the morphology and granulometry of polyethylene-clay nanocomposite powders. <i>Journal of Vinyl and Additive Technology</i> , 2010, 16, 90-97.	1.8	9
111	Crystallinity Behavior of MDPE-Clay Nanocomposites Fabricated using Ball Milling Method. <i>Journal of Composite Materials</i> , 2009, 43, 2821-2830.	1.2	28
112	Computation of some thermodynamic properties of nitrogen using a new intermolecular potential from molecular dynamics simulation. <i>Chemical Physics</i> , 2009, 358, 185-195.	0.9	3
113	Thermodynamic properties of the mixtures of some ionic liquids with alcohols using a simple equation of state. <i>Journal of Molecular Liquids</i> , 2009, 149, 66-73.	2.3	22
114	Ultrasound-assisted green synthesis of nanocrystalline ZnO in the ionic liquid [hmim][NTf ₂]. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 120-123.	3.8	107
115	Green synthesis of ZnO nanoparticles in a room-temperature ionic liquid 1-ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 2057-2060.	1.9	35
116	Prediction of Thermodynamic Properties of Liquid Air. <i>International Journal of Thermophysics</i> , 2008, 29, 656-663.	1.0	0
117	Quantum computation of the properties of helium using two-body and three-body intermolecular potentials: a molecular dynamics study. <i>Theoretical Chemistry Accounts</i> , 2008, 119, 355-368.	0.5	20
118	Thermodynamic properties of some ionic liquids using a simple equation of state. <i>Journal of Molecular Liquids</i> , 2008, 142, 41-44.	2.3	41
119	Prediction of volumetric and thermodynamic properties of two aromatic-alcohol mixtures using GMA equation of state. <i>Fluid Phase Equilibria</i> , 2008, 268, 61-67.	1.4	4
120	Molecular dynamic simulations of some thermodynamic properties of mixtures of argon with neon, krypton, and xenon using two-body and three-body interaction potentials. <i>Fluid Phase Equilibria</i> , 2008, 274, 51-58.	1.4	11
121	Investigation of a new mean temperature-dependent potential energy function for methane and its use for the prediction of transport properties. <i>Molecular Physics</i> , 2007, 105, 1453-1463.	0.8	2
122	Calculation of thermodynamic properties of lubricant+refrigerant mixtures using GMA equation of state. <i>International Journal of Thermal Sciences</i> , 2007, 46, 944-952.	2.6	13
123	Prediction of the volumetric and thermodynamic properties of some refrigerants using GMA equation of state. <i>International Journal of Refrigeration</i> , 2007, 30, 377-383.	1.8	20
124	A molecular dynamics study on the role of attractive and repulsive forces in internal energy, internal pressure and structure of dense fluids. <i>Chemical Physics</i> , 2007, 331, 332-338.	0.9	15
125	Molecular Dynamics Simulation of Argon, Krypton, and Xenon Using Two-Body and Three-Body Intermolecular Potentials. <i>Journal of Chemical Theory and Computation</i> , 2006, 2, 920-926.	2.3	30
126	Evaluation of high-frequency elastic moduli and shear relaxation time of the Lennard-Jones fluid using three known analytical expressions for radial distribution function. <i>Chemical Physics</i> , 2006, 322, 377-381.	0.9	9

#	ARTICLE	IF	CITATIONS
127	Prediction of surface tension of HFD-like fluids using the Fowler's approximation. <i>Chemical Physics</i> , 2006, 328, 379-384.	0.9	7
128	Determination of potential energy functions of CO ₂ , CO ₂ , and N ₂ O and calculation of their transport properties. <i>Chemical Physics</i> , 2006, 330, 313-325.	0.9	14
129	Density calculation using GMA equation of state considering mixing and combining rules for some liquid mixtures. <i>Fluid Phase Equilibria</i> , 2006, 245, 109-116.	1.4	9
130	Prediction of thermodynamic properties of polymeric liquids using a new equation of state. <i>Polymer</i> , 2006, 47, 4726-4733.	1.8	10
131	A new equation of state for predicting the thermodynamic properties of liquid alkali metals. <i>Journal of Nuclear Materials</i> , 2006, 348, 40-44.	1.3	25
132	Application of a new equation of state to liquid refrigerant mixtures. <i>Thermochimica Acta</i> , 2006, 447, 64-68.	1.2	15
133	Investigation of Volumetric Properties of Some Glycol Ethers Using a Simple Equation of State. <i>International Journal of Thermophysics</i> , 2006, 27, 1515-1526.	1.0	12
134	Determination of potential energy functions and calculation transport properties of oxygen and nitric oxide via the inversion of reduced viscosity collision integrals at zero pressure. <i>Chemical Physics</i> , 2006, 326, 620-630.	0.9	12
135	Prediction of thermodynamic properties of some hydrofluoroether refrigerants using a new equation of state. <i>Fluid Phase Equilibria</i> , 2005, 238, 112-119.	1.4	22
136	An accurate expression for radial distribution function of the Lennard-Jones fluid. <i>Chemical Physics</i> , 2005, 310, 11-15.	0.9	44
137	New regularities and an equation of state for liquids. <i>Fluid Phase Equilibria</i> , 2005, 230, 170-175.	1.4	64
138	Extension of a New Equation of State to the Liquid Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 6973-6980.	1.8	18
139	Estimation of solubility parameter using equations of state. <i>Journal of Molecular Liquids</i> , 2004, 113, 125-132.	2.3	32
140	Common intersection point independent of pressure, a new regularity. <i>Journal of Molecular Liquids</i> , 2004, 113, 133-141.	2.3	5
141	Determination of potential energy function of methane via the inversion of reduced viscosity collision integrals at zero pressure. <i>Fluid Phase Equilibria</i> , 2003, 212, 53-65.	1.4	12
142	Determination of the Potential Energy Function of CF ₄ via the Inversion of Reduced Viscosity Collision Integrals at Zero Pressure. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 2256-2261.	1.8	9
143	Determination of potential energy functions of argon, krypton, and xenon via the inversion of reduced-viscosity collision integrals at zero pressure. <i>Canadian Journal of Chemistry</i> , 2003, 81, 866-871.	0.6	12
144	Computation of internal pressure of liquids using a statistical mechanical equation of state. <i>Fluid Phase Equilibria</i> , 2001, 187-188, 425-431.	1.4	15

#	ARTICLE	IF	CITATIONS
145	Title is missing!. International Journal of Thermophysics, 1998, 19, 227-237.	1.0	7
146	Direct Determination of the Interaction Potentials of Sulphur Hexafluoride-Noble Gases from the Extended Principle of Corresponding States. Journal of the Physical Society of Japan, 1998, 67, 4296-4299.	0.7	3
147	Common intersection point independent of mole fraction: A new regularity. International Journal of Thermophysics, 1997, 18, 1517-1526.	1.0	5
148	Direct Determination of the Intermolecular Pair-Potential Energy Function of Methane from the Extended Principle of the Corresponding States. Bulletin of the Chemical Society of Japan, 1995, 68, 1859-1861.	2.0	9
149	Common intersection point independent of temperature for compressed liquid mixtures. Thermochemica Acta, 1995, 269-270, 371-379.	1.2	5
150	Direct Determination of the Interaction Potentials of Ar-Xe, Kr-Xe, and Ar-Kr from the Extended Principle of Corresponding States. Bulletin of the Chemical Society of Japan, 1994, 67, 2403-2406.	2.0	9