

Wenjun Fang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

2,774
citations

29
h-index

42
g-index

153
ext. papers

3,305
ext. citations

4.9
avg, IF

5.31
L-index

#	Paper	IF	Citations
148	Nanoengineered on-demand drug delivery system improves efficacy of pharmacotherapy for epilepsy.. <i>Science Advances</i> , 2022 , 8, eabm3381	14.3	4
147	Preparation of zein-lecithin-EGCG complex nanoparticles stabilized peppermint oil emulsions: Physicochemical properties, stability and intelligent sensory analysis.. <i>Food Chemistry</i> , 2022 , 383, 132453	8.5	0
146	The pyrolysis kinetics and heat exchange performance of biomass hydrocarbon pinane. <i>Fuel</i> , 2022 , 317, 123453	7.1	1
145	Mechanistic study on oxidative degradation and deposition of exo-tetrahydrodicyclopentadiene. <i>Fuel</i> , 2022 , 317, 123533	7.1	0
144	Thermal decomposition behaviors of an amphiphilic macroinitiator DSHPG for hydrocarbon fuel. <i>Chemical Thermodynamics and Thermal Analysis</i> , 2022 , 6, 100047		
143	All-Silicon Zeolite Supported Pt Nanoparticles for Green On-Board Inert Gas Generation System. <i>Combustion Science and Technology</i> , 2021 , 193, 2009-2022	1.5	1
142	Densities and Viscosities of the Ternary System exo-Tetrahydrodicyclopentadiene (1) + n-Decane (2) + 1,2,3,4-Tetrahydronaphthalene (3) and the Corresponding Binary Systems at T = (293.15B33.15) K. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 1665-1675	2.8	2
141	Density and Viscosity of the Ternary System Pinane + n-Dodecane + Methyl Laurate and Corresponding Binary Systems at T = 293.15B33.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 2706-2716	2.8	4
140	A sulfur-rich segmental hyperbranched polymer as a coking inhibitor for endothermic hydrocarbon fuels. <i>Fuel</i> , 2021 , 287, 119477	7.1	1
139	A polyester-based initiation strategy for achieving high-efficient cracking of hydrocarbon fuels. <i>Chemical Engineering Journal</i> , 2021 , 425, 128059	14.7	4
138	The regulation of sodium alginate on the stability of ovalbumin-pectin complexes for VD encapsulation and in vitro simulated gastrointestinal digestion study. <i>Food Research International</i> , 2021 , 140, 110011	7	16
137	Triazenyl Alkynes as Versatile Building Blocks in Multicomponent Reactions: Diastereoselective Synthesis of β -Amino Amides. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5147-5151	16.4	10
136	Improved Stability and Targeted Cytotoxicity of Epigallocatechin-3-Gallate Palmitate for Anticancer Therapy. <i>Langmuir</i> , 2021 , 37, 969-977	4	3
135	Unveiling the Influence of Inherent Parameters of AgPt and AgPtAu Octahedra upon Formic Acid Electrooxidation. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 16984-16994	3.8	0
134	Hyperbranched poly(amidoamine) as an efficient macroinitiator for steam cracking of naphtha. <i>Fuel</i> , 2021 , 299, 120907	7.1	2
133	Fabrication and characterization of oil-in-water pickering emulsions stabilized by ZEIN-HTCC nanoparticles as a composite layer. <i>Food Research International</i> , 2021 , 148, 110606	7	3
132	Strategically designed macromolecules as additives for high energy-density hydrocarbon fuels. <i>Fuel</i> , 2020 , 270, 117433	7.1	10

131	Density, viscosity and electrical conductivity of alcohol solutions of 2,2-diethyl-1,1,3,3-tetramethylguanidinium bis(trifluoromethylsulfonyl)imide. <i>Journal of Chemical Thermodynamics</i> , 2020 , 151, 106241	2.9	5
130	Mesoporous polydopamine with built-in plasmonic core: Traceable and NIR triggered delivery of functional proteins. <i>Biomaterials</i> , 2020 , 238, 119847	15.6	24
129	Development of ovalbumin-pectin nanocomplexes for vitamin D3 encapsulation: Enhanced storage stability and sustained release in simulated gastrointestinal digestion. <i>Food Hydrocolloids</i> , 2020 , 106, 105926	10.6	46
128	Density and Viscosity Measurements on the Ternary System of exo-Tetrahydrodicyclopentadiene (1) + n-Decane (2) + Iso-Butanol (3) and Corresponding Binary Systems. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 2527-2539	2.8	6
127	Density, Viscosity, and Refractive Index for Binary Mixtures of Three Adamantane Derivatives with n-Nonane or n-Undecane at T = 293.15-343.15 K and Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 2512-2526	2.8	9
126	Thermal Conductivity and Stability of Hydrocarbon-Based Nanofluids with Palladium Nanoparticles Dispersed by Modified Hyperbranched Polyglycerol. <i>ACS Omega</i> , 2020 , 5, 31156-31163	3.9	2
125	Thermal Conductivity and Stability of Hydrocarbon-Based Nanofluids with Palladium Nanoparticles Dispersed by Modified Hyperbranched Polyglycerol. <i>ACS Omega</i> , 2020 , 5, 31156-31163	3.9	
124	Control of Reduction Kinetics to Form Palladium Nanocubes Enables Tunable Concavity. <i>Chemistry of Materials</i> , 2020 , 32, 4591-4599	9.6	3
123	Amphiphilic hyperbranched polyethyleneimine for highly efficient oil/water separation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2412-2423	13	7
122	Duo of (-)-epigallocatechin-3-gallate and doxorubicin loaded by polydopamine coating ZIF-8 in the regulation of autophagy for chemo-photothermal synergistic therapy. <i>Biomaterials Science</i> , 2020 , 8, 1380-1393 ²⁰	7.4	20
121	Phase behaviors and curcumin encapsulation performance of Gemini surfactant microemulsion. <i>Journal of Molecular Liquids</i> , 2020 , 315, 113786	6	8
120	A synergistic optical strategy for enhanced deep-tumor penetration and therapy in the second near-infrared window. <i>Materials Horizons</i> , 2020 , 7, 2929-2935	14.4	16
119	Densities and Viscosities for the Ternary System of Isopropylcyclohexane (1) + n-Tridecane (2) + n-Butanol (3) and Corresponding Binaries at T = 293.15 to 333.15 K. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 3977-3987	2.8	4
118	New Strategy for High-Performance Integrated Catalysts for Cracking Hydrocarbon Fuels. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40078-40090	9.5	9
117	Cracking of platinum/hydrocarbon nanofluids with hyperbranched polymer as stabilizer and initiator. <i>Fuel</i> , 2019 , 255, 115782	7.1	8
116	Thermal cracking of jet propellant-10 with the addition of a core-shell macroinitiator. <i>Fuel</i> , 2019 , 254, 115667	7.1	12
115	Density and Viscosity of Ternary Mixture of Cyclopentanol + exo-Tetrahydrodicyclopentadiene + 1,3-Dimethyladamantane. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 2558-2567	2.8	6
114	Intracellular and Cellular Detection by SERS-Active Plasmonic Nanostructures. <i>ChemBioChem</i> , 2019 , 20, 2432-2441	3.8	9

113	Densities and Viscosities for the Ternary System of Decalin + Methylcyclohexane + Cyclopentanol and Corresponding Binaries at T = 293.15 to 343.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1414-1424	2.8	6
112	Stability properties of water-based gold and silver nanofluids stabilized by cationic gemini surfactants. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 97, 458-465	5.3	34
111	DFT studies on mechanistic origins of ligand-controlled selectivity in Pd-catalyzed non-decarbonylative and decarbonylative reductive conversion of acyl fluoride. <i>Dalton Transactions</i> , 2019 , 48, 3440-3446	4.3	7
110	Densities and viscosities for the ternary system of cyclopropanemethanol (1) + 2, 2, 4-trimethylpentane (2) + decalin (3) and corresponding binaries at T = 293.15-343.15 K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 491-503	1.5	5
109	Highly stable macroinitiator/platinum/hydrocarbon nanofluids for efficient thermal management in hypersonic aircraft from synergistic catalysis. <i>Energy Conversion and Management</i> , 2019 , 198, 111797	10.6	7
108	A combined experimental and theoretical study on the structures, interactions and volumetric properties of guanidinium-based ionic liquid mixtures. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 17720-17728	3.6	1
107	Densities and Viscosities for the Ternary Mixtures of exo-Tetrahydrodicyclopentadiene (1) + Isopropylcyclohexane (2) + Methyl Laurate (3) and Corresponding Binaries. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 4013-4023	2.8	4
106	Fabrication of ovalbumin/β-carrageenan complex nanoparticles as a novel carrier for curcumin delivery. <i>Food Hydrocolloids</i> , 2019 , 89, 111-121	10.6	78
105	A DFT study on the mechanisms of hydrogenation and hydrosilylation of nitrous oxide catalyzed by a ruthenium PNP pincer complex. <i>Computational and Theoretical Chemistry</i> , 2018 , 1128, 48-55	2	8
104	Hyperbranched poly(amido amine) demulsifiers with ethylenediamine/1,3-propanediamine as an initiator for oil-in-water emulsions with microdroplets. <i>Fuel</i> , 2018 , 226, 381-388	7.1	28
103	Palladium nanoparticles induce autophagy and autophagic flux blockade in Hela cells. <i>RSC Advances</i> , 2018 , 8, 4130-4141	3.7	13
102	MOF Nanoparticles with Encapsulated Autophagy Inhibitor in Controlled Drug Delivery System for Antitumor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2328-2337	9.5	170
101	Influence of Reduction Kinetics on the Preparation of Well-Defined Cubic Palladium Nanocrystals. <i>Inorganic Chemistry</i> , 2018 , 57, 8128-8136	5.1	9
100	FA-PEG decorated MOF nanoparticles as a targeted drug delivery system for controlled release of an autophagy inhibitor. <i>Biomaterials Science</i> , 2018 , 6, 2582-2590	7.4	59
99	Densities and Viscosities for the Ternary System of exo-Tetrahydrodicyclopentadiene (1) + Methylcyclohexane (2) + Cyclopropanemethanol (3) and Its Binaries at T = 293.15 to 333.15 K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 3534-3544	2.8	1
98	The reactivity of coordinatively unsaturated iridium methylene complex Ir(CH ₂ [N(SiMe ₂ CH ₂ PPH ₂) ₂]): A quantum chemistry study. <i>Computational and Theoretical Chemistry</i> , 2018 , 1138, 91-98	2	4
97	Derivative of Epigallocatechin-3-gallate Encapsulated in ZIF-8 with Polyethylene Glycol-Folic Acid Modification for Target and pH-Responsive Drug Release in Anticancer Research. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 4183-4192	5.5	24
96	Densities and Viscosities for the Ternary System of 1,2,3,4-Tetrahydronaphthalene + Isopropylcyclohexane + Cyclopropanemethanol and Corresponding Binaries at T = (293.15 to 343.15) K. <i>Journal of Chemical & Engineering Data</i> , 2018 ,	2.8	5

95	Non-innocent PNN ligand is important for CO oxidation by NO catalyzed by a (PNN)Ru-H pincer complex: insights from DFT calculations. <i>Dalton Transactions</i> , 2018 , 47, 15324-15330	4.3	4
94	Densities and Viscosities of Ternary System n-Dodecane (1) + Bicyclohexyl (2) + n-Butanol (3) and Corresponding Binaries at T = (293.15 to 333.15) K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 4052-4060	2.8	9
93	Density, Viscosity, and Freezing Point for Four Binary Systems of n-Dodecane or Methylcyclohexane Mixed with 1-Heptanol or Cyclohexylmethanol. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 643-652	2.8	15
92	N-Insertion reaction mechanisms of phenyl azides with a hafnium hydride complex: a quantum chemistry calculation. <i>New Journal of Chemistry</i> , 2017 , 41, 5007-5011	3.6	
91	Cisplatin combination drugs induce autophagy in HeLa cells and interact with HSA via electrostatic binding affinity. <i>RSC Advances</i> , 2017 , 7, 22270-22279	3.7	4
90	Solubilization of the macroinitiator palmitoyl modified hyperbranched polyglycerol (PHPG) in hydrocarbon fuels. <i>Fuel</i> , 2017 , 200, 62-69	7.1	8
89	Stability and Thermal Conductivity Enhancement of Silver Nanofluids with Gemini Surfactants. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 12369-12375	3.9	12
88	Modified Hyperbranched Polyglycerol as Dispersant for Size Control and Stabilization of Gold Nanoparticles in Hydrocarbons. <i>Nanoscale Research Letters</i> , 2017 , 12, 525	5	9
87	A DFT Study on Palladium and Nickel-Catalyzed Regioselective and Stereoselective Hydrosilylation of 1,3-Disubstituted Allenes. <i>Organometallics</i> , 2017 , 36, 3371-3381	3.8	21
86	Why different ligands can control stereochemistry selectivity of Ni-catalyzed Suzuki-Miyaura cross-coupling of benzylic carbamates with arylboronic esters: a mechanistic study. <i>Dalton Transactions</i> , 2017 , 46, 13010-13019	4.3	11
85	Hyperbranched Poly(amidoamine) as an Efficient Macroinitiator for Thermal Cracking and Heat-Sink Enhancement of Hydrocarbon Fuels. <i>Energy & Fuels</i> , 2017 , 31, 6848-6855	4.1	17
84	Densities and Viscosities for the Ternary System of Cyclopropanemethanol (1) + n-Dodecane (2) + Butylcyclohexane (3) and Corresponding Binaries at T = 293.15-333.15 K. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2330-2339	2.8	9
83	A substrate-dependent mechanism for the reactions of a hydrido(hydrosilylene)ruthenium complex with carbonyl compounds: insights from quantum chemical calculations. <i>New Journal of Chemistry</i> , 2017 , 41, 198-203	3.6	1
82	New progress in theoretical studies on palladium-catalyzed C-C bond-forming reaction mechanisms. <i>Science China Chemistry</i> , 2016 , 59, 1432-1447	7.9	17
81	Hyperbranched polyglycerol/poly(acrylic acid) hydrogel for the efficient removal of methyl violet from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	6
80	Thermodynamic properties and pyrolysis performances of hydrocarbon-fuel-based nanofluids containing palladium nanoparticles. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016 , 120, 347-355	6	8
79	Hydrophobic fractal surface from glycerol tripalmitate and the effects on C6 glioma cell growth. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 142, 377-384	6	1
78	Volumetric Properties and Viscosity B-Coefficients for the Ternary Systems Epigallocatechin Gallate + MCl + H ₂ O (M = Li, Na, K) at Temperatures 288.15-308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1777-1792	2.8	1

77	Antimicrobial activity and cytotoxicity of piperazinium- and guanidinium-based ionic liquids. <i>Journal of Hazardous Materials</i> , 2016 , 307, 73-81	12.8	51
76	Unfolding of human serum albumin by gemini and single-chain surfactants: A comparative study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 495, 30-38	5.1	19
75	Density and Viscosity for Binary Mixtures of the Ionic Liquid 2,2-Diethyl-1,1,3,3-Tetramethylguanidinium Ethyl Sulfate with Water, Methanol, or Ethanol. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1023-1031	2.8	25
74	Oxidation of phenyl and hydride ligands of bis(pentamethylcyclopentadienyl)hafnium derivatives by nitrous oxide via selective oxygen atom transfer reactions: insights from quantum chemistry calculations. <i>Dalton Transactions</i> , 2016 , 45, 1152-9	4.3	5
73	Investigations on the thermal decomposition of JP-10/iso-octane binary mixtures. <i>Fuel</i> , 2016 , 163, 148-156	5.6	12
72	Deep insights into the growth pattern of palladium nanocubes with controllable sizes. <i>RSC Advances</i> , 2016 , 6, 66048-66055	3.7	8
71	A supramolecularly tunable chiral diphosphine ligand: application to Rh and Ir-catalyzed enantioselective hydrogenation. <i>Chemical Science</i> , 2016 , 7, 4594-4599	9.4	22
70	Heat transfer and cracking performance of endothermic hydrocarbon fuel when it cools a high temperature channel. <i>Fuel Processing Technology</i> , 2016 , 149, 112-120	7.2	15
69	Methacrylated Hyperbranched Polyglycerol as a High-Efficiency Demulsifier for Oil-in-Water Emulsions. <i>Energy & Fuels</i> , 2016 , 30, 9939-9946	4.1	25
68	Dehydrogenation of benzyl alcohol with NO as the hydrogen acceptor catalyzed by the rhodium(i) carbene complex: insights from quantum chemistry calculations. <i>Dalton Transactions</i> , 2016 , 45, 16485-16491	4.3	9
67	Densities, Viscosities, Refractive Indices, and Surface Tensions of Binary Mixtures of 2,2,4-Trimethylpentane with Several Alkylated Cyclohexanes from (293.15 to 343.15) K. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 2541-2548	2.8	30
66	Isolation, purification, and antioxidant activities of degraded polysaccharides from <i>Enteromorpha prolifera</i> . <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 1026-30	7.9	53
65	Theoretically exploring the key role of the Lys412 residue in the conversion of N ₂ O to N ₂ by nitrous oxide reductase from <i>Achromobacter cycloclastes</i> . <i>New Journal of Chemistry</i> , 2015 , 39, 8093-8099	3.6	3
64	Antibacterial Activity, in Vitro Cytotoxicity, and Cell Cycle Arrest of Gemini Quaternary Ammonium Surfactants. <i>Langmuir</i> , 2015 , 31, 12161-9	4	87
63	Densities and Viscosities of Binary Mixtures of 2-Ethyl-1,1,3,3-tetramethylguanidinium Ionic Liquids with Ethanol and 1-Propanol. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 2618-2628	2.8	19
62	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo -tetrahydrodicyclopentadiene with four octane isomers. <i>Journal of Chemical Thermodynamics</i> , 2015 , 81, 26-33	2.9	24
61	Novel Guanidinium-Based Ionic Liquids for Highly Efficient SO ₂ Capture. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8054-62	3.4	30
60	Formation of Novel Aqueous Two-Phase Systems with Piperazinium-Based Ionic Liquids and Anionic Surfactants: Phase Behavior and Microstructure. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 11798-806	3.4	7

59	Density, Viscosity, and Conductivity of Binary Mixtures of the Ionic Liquid N-(2-Hydroxyethyl)piperazinium Propionate with Water, Methanol, or Ethanol. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 455-463	2.8	43
58	Reaction Mechanisms of a Tungsten-Termylyne Complex with One or Two Molecules of Alcohols and Arylaldehydes: A DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1502-1511	2.3	6
57	Pd-catalyzed bicyclization of 2-alkynylhalobenzenes and propargylic alcohols for the formation of indeno[1,2]furans: a DFT study. <i>Journal of Physical Organic Chemistry</i> , 2014 , 27, 237-244	2.1	3
56	A novel well-dispersed nano-Ni catalyst for endothermic reaction of JP-10. <i>Fuel</i> , 2014 , 117, 932-938	7.1	27
55	Resorcinarene-encapsulated NiB nano-amorphous alloys for quasi-homogeneous catalytic cracking of JP-10. <i>Applied Catalysis A: General</i> , 2014 , 469, 213-220	5.1	15
54	Piperazinium-Based Ionic Liquids with Lactate Anion for Extractive Desulfurization of Fuels. <i>Energy & Fuels</i> , 2014 , 28, 1774-1780	4.1	59
53	Thermal Decomposition Kinetics and Mechanism of 1,1?-Bicyclohexyl. <i>Energy & Fuels</i> , 2014 , 28, 4523-4531	4.1	17
52	Density, Viscosity, Refractive Index, and Surface Tension for Six Binary Systems of Adamantane Derivatives with 1-Heptanol and Cyclohexylmethanol. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2602-2613	2.8	36
51	Thermal Stability and Decomposition Kinetics of 1,3-Dimethyladamantane. <i>Energy & Fuels</i> , 2014 , 28, 6210-6220	4.1	15
50	Interfacial Tensions for System of n-Heptane + Water with Quaternary Ammonium Surfactants and Additives of NaCl or C ₂ -C ₄ Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 860-868	2.8	21
49	Conformational isomerism influence on the properties of piperazinium bis(trifluoromethylsulfonyl)imide. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 9085-95	3.4	9
48	Micellization Parameters of Six Gemini Quaternary Ammonium Surfactants from Measurements of Conductivity and Surface Tension. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2891-2900	2.8	27
47	Density, Viscosity, Refractive Index, and Freezing Point for Binary Mixtures of 1,1?-Bicyclohexyl with Alkylcyclohexane. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2499-2504	2.8	16
46	Density, Viscosity, Surface Tension, and Refractive Index for Binary Mixtures of 1,3-Dimethyladamantane with Four C ₁₀ Alkanes. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 775-783	2.8	32
45	Heat-sink enhancement of decalin and aviation kerosene prepared as nanofluids with palladium nanoparticles. <i>Fuel</i> , 2014 , 121, 149-156	7.1	36
44	Exploring the reaction mechanism of a cationic terminal iridium methylene complex with ethyl diazoacetate, a Lewis base and dihydrogen: a quantum chemistry study. <i>New Journal of Chemistry</i> , 2014 , 38, 4115	3.6	4
43	Mechanisms and origins of switchable regioselectivity of palladium- and nickel-catalyzed allene hydrosilylation with N-heterocyclic carbene ligands: a theoretical study. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4517-27	4.2	47
42	Phase property, composition and temperature-induced phase inversion of APTS-C formed by aqueous cationic-anionic surfactant mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 436, 193-200	5.1	7

41	Theoretical studies on the reductive elimination reaction mechanism from neutral palladium(IV) sulfinate complexes. <i>Journal of Physical Organic Chemistry</i> , 2013 , 26, 933-938	2.1	8
40	Surface Activity and Micellization Parameters of Quaternary Ammonium Surfactants Containing a Hydroxyethyl Group. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 334-342	2.8	23
39	Densities, viscosities and refractive indices of binary liquid mixtures of methyl tert-butyl ether or ethyl tert-butyl ether with a hydrocarbon fuel. <i>Experimental Thermal and Fluid Science</i> , 2013 , 48, 163-168 ³		19
38	Mechanism and Substrate-Dependent Rate-Determining Step in Palladium-Catalyzed Intramolecular Decarboxylative Coupling of Arenecarboxylic Acids with Aryl Bromides: A DFT Study. <i>Organometallics</i> , 2013 , 32, 6957-6968	3.8	18
37	A DFT study on palladium-catalyzed decarboxylative intramolecular aziridination reaction mechanism. <i>Journal of Organometallic Chemistry</i> , 2013 , 745-746, 417-422	2.3	10
36	Thermal stability characterization of n-alkanes from determination of produced aromatics. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013 , 104, 593-602	6	12
35	Excess Molar Volume along with Viscosity, Flash Point, and Refractive Index for Binary Mixtures of cis-Decalin or trans-Decalin with C9 to C11n-Alkanes. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2224-2232	2.8	41
34	Gold/Oil Nanofluids Stabilized by a Gemini Surfactant and Their Catalytic Property. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 8109-8113	3.9	29
33	Excess Molar Volume along with Viscosity and Refractive Index for Binary Systems of Tricyclo[5.2.1.02.6]decane with Five Cycloalkanes. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 3078-3086	2.8	45
32	Intermolecular interactions between gold clusters and selected amino acids cysteine and glycine: a DFT study. <i>Journal of Molecular Modeling</i> , 2012 , 18, 645-52	2	25
31	Densities and Viscosities for Binary Mixtures of the Ionic Liquid N-Ethyl Piperazinium Propionate with n-Alcohols at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 937-942 ^{2.8}		23
30	Explore the Catalytic Reaction Mechanism in the Reduction of NO by CO on the Rh7+ Cluster: A Quantum Chemical Study. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 7776-7781	3.8	12
29	Oxygenolysis reaction mechanism of copper-dependent quercetin 2,3-dioxygenase: A density functional theory study. <i>Science China Chemistry</i> , 2012 , 55, 1832-1841	7.9	5
28	Densities, Viscosities, and Refractive Indices of Binary Mixtures of 1,2,3,4-Tetrahydronaphthalene with Some n-Alkanes at T = (293.15 to 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3278-3282	2.8	21
27	Extraction of Aromatics from Hydrocarbon Fuels Using N-Alkyl Piperazinium-Based Ionic Liquids. <i>Energy & Fuels</i> , 2012 , 26, 2154-2160	4.1	31
26	Understanding hydrogenation of the adenine-thymine base pairs and their anions: A density functional study. <i>International Journal of Quantum Chemistry</i> , 2012 , 112, 609-618	2.1	2
25	Kinetics on formation of super water repellent surfaces from phase transformation in binary mixtures of trimyristin and tripalmitin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 396, 130-136	5.1	6
24	Density, Refractive Index, Viscosity, and Surface Tension of Binary Mixtures of exo-Tetrahydrodicyclopentadiene with Somen-Alkanes from (293.15 to 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4268-4273	2.8	52

- 23 Copper-Dipyridylphosphine-Polymethylhydrosiloxane: A Practical and Effective System for the Asymmetric Catalytic Hydrosilylation of Ketones. *Advanced Synthesis and Catalysis*, **2011**, 353, 1457-1462^{5.6} 25
- 22 Densities and Viscosities of exo-Tetrahydrodicyclopentadiene + n-Butanol and exo-Tetrahydrodicyclopentadiene + n-Pentanol at Temperatures of (293.15 to 313.15) K. *Journal of Chemical & Engineering Data*, **2010**, 55, 1049-1052 2.8 18
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