Wenjun Fang

List of Publications by Year
in descending order

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152	3,837	117453	182168
papers	citations	34	51
		h-index	g-index

153	153	153	4213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MOF Nanoparticles with Encapsulated Autophagy Inhibitor in Controlled Drug Delivery System for Antitumor. ACS Applied Materials & Interfaces, 2018, 10, 2328-2337.	4.0	265
2	Antibacterial Activity, in Vitro Cytotoxicity, and Cell Cycle Arrest of Gemini Quaternary Ammonium Surfactants. Langmuir, 2015, 31, 12161-12169.	1.6	125
3	Fabrication of ovalbumin/Î²-carrageenan complex nanoparticles as a novel carrier for curcumin delivery. Food Hydrocolloids, 2019, 89, 111-121.	5.6	120
4	Development of ovalbumin-pectin nanocomplexes for vitamin D3 encapsulation: Enhanced storage stability and sustained release in simulated gastrointestinal digestion. Food Hydrocolloids, 2020, 106, 105926.	5.6	112
5	Preparation of Well-Dispersed Silver Nanoparticles for Oil-Based Nanofluids. Industrial & Engineering Chemistry Research, 2010, 49, 1697-1702.	1.8	111
6	FA-PEG decorated MOF nanoparticles as a targeted drug delivery system for controlled release of an autophagy inhibitor. Biomaterials Science, 2018, 6, 2582-2590.	2.6	90
7	Thermal Cracking of JP-10 under Pressure. Industrial & Engineering Chemistry Research, 2008, 47, 10034-10040.	1.8	80
8	Piperazinium-Based Ionic Liquids with Lactate Anion for Extractive Desulfurization of Fuels. Energy & Fuels, 2014, 28, 1774-1780.	2.5	69
9	Isolation, purification, and antioxidant activities of degraded polysaccharides from Enteromorpha prolifera. International Journal of Biological Macromolecules, 2015, 81, 1026-1030.	3.6	66
10	Antimicrobial activity and cytotoxicity of piperazinium- and guanidinium-based ionic liquids. Journal of Hazardous Materials, 2016, 307, 73-81.	6.5	63
11	Spontaneous Formation of Fractal Structures on Triglyceride Surfaces with Reference to Their Super Water-Repellent Properties. Journal of Physical Chemistry B, 2007, 111, 564-571.	1.2	59
12	Excess Molar Volume along with Viscosity and Refractive Index for Binary Systems of Tricyclo[5.2.1.0^{2.6}]decane with Five Cycloalkanes. Journal of Chemical & Engineering Data, 2013, 58, 3078-3086.	1.0	59
13	Density, Refractive Index, Viscosity, and Surface Tension of Binary Mixtures of exo-Tetrahydrodicyclopentadiene with Some n-Alkanes from (293.15 to 313.15) K. Journal of Chemical & Engineering Data, 2011, 56, 4268-4273.	1.0	57
14	Mechanisms and Origins of Switchable Regioselectivity of Palladium- and Nickel-Catalyzed Allene Hydrosilylation with N-Heterocyclic Carbene Ligands: A Theoretical Study. Journal of Organic Chemistry, 2014, 79, 4517-4527.	1.7	57
15	Mesoporous polydopamine with built-in plasmonic core: Traceable and NIR triggered delivery of functional proteins. Biomaterials, 2020, 238, 119847.	5.7	54
16	Coking of Model Hydrocarbon Fuels under Supercritical Condition. Energy & Fuels, 2009, 23, 2997-3001.	2.5	53
17	Density, Viscosity, and Conductivity of Binary Mixtures of the Ionic Liquid N-(2-Hydroxyethyl)piperazinium Propionate with Water, Methanol, or Ethanol. Journal of Chemical & Engineering Data, 2015, 60, 455-463.	1.0	51
18	Excess Molar Volume along with Viscosity, Flash Point, and Refractive Index for Binary Mixtures of cis-Decalin or trans-Decalin with C₉ to C₁₁ n-Alkanes. Journal of Chemical & Engineering Data, 2013, 58, 2224-2232.	1.0	50

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19	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. Journal of Chemical & Engineering Data, 2015, 60, 2541-2548.	1.0	47
20	Stability properties of water-based gold and silver nanofluids stabilized by cationic gemini surfactants. Journal of the Taiwan Institute of Chemical Engineers, 2019, 97, 458-465.	2.7	47
21	Density, Viscosity, Refractive Index, and Surface Tension for Six Binary Systems of Adamantane Derivatives with 1-Heptanol and Cyclohexylmethanol. Journal of Chemical & Engineering Data, 2014, 59, 2602-2613.	1.0	43
22	Heat-sink enhancement of decalin and aviation kerosene prepared as nanofluids with palladium nanoparticles. Fuel, 2014, 121, 149-156.	3.4	42
23	Hyperbranched poly(amido amine) demulsifiers with ethylenediamine/1,3-propanediamine as an initiator for oil-in-water emulsions with microdroplets. Fuel, 2018, 226, 381-388.	3.4	42
24	The regulation of sodium alginate on the stability of ovalbumin-pectin complexes for VD3 encapsulation and in vitro simulated gastrointestinal digestion study. Food Research International, 2021, 140, 110011.	2.9	41
25	Critical Micellar Concentrations of Quaternary Ammonium Surfactants with Hydroxyethyl Substituents on Headgroups Determined by Isothermal Titration Calorimetry. Journal of Chemical & Engineering Data, 2010, 55, 3766-3771.	1.0	40
26	Density, Viscosity, Surface Tension, and Refractive Index for Binary Mixtures of 1,3-Dimethyladamantane with Four C10 Alkanes. Journal of Chemical & Engineering Data, 2014, 59, 775-783.	1.0	39
27	Methacrylated Hyperbranched Polyglycerol as a High-Efficiency Demulsifier for Oil-in-Water Emulsions. Energy & Fuels, 2016, 30, 9939-9946.	2.5	38
28	Densities and Viscosities of Binary Mixtures of JP-10 with n-Octane or n-Decane at Several Temperatures. Journal of Chemical & Engineering Data, 2008, 53, 2237-2240.	1.0	37
29	Duo of (â€“)-epigallocatechin-3-gallate and doxorubicin loaded by polydopamine coating ZIF-8 in the regulation of autophagy for chemo-photothermal synergistic therapy. Biomaterials Science, 2020, 8, 1380-1393.	2.6	37
30	Extraction of Aromatics from Hydrocarbon Fuels Using N-Alkyl Piperazinium-Based Ionic Liquids. Energy & Fuels, 2012, 26, 2154-2160.	2.5	36
31	Derivative of Epigallocatechin-3-gallatea Encapsulated in ZIF-8 with Polyethylene Glycolâ€“Folic Acid Modification for Target and pH-Responsive Drug Release in Anticancer Research. ACS Biomaterials Science and Engineering, 2018, 4, 4183-4192.	2.6	36
32	Triethylamine as an initiator for cracking of heptane. Energy, 2006, 31, 2773-2790.	4.5	35
33	Novel Guanidinium-Based Ionic Liquids for Highly Efficient SO₂ Capture. Journal of Physical Chemistry B, 2015, 119, 8054-8062.	1.2	35
34	Intermolecular interactions between gold clusters and selected amino acids cysteine and glycine: a DFT study. Journal of Molecular Modeling, 2012, 18, 645-652.	0.8	34
35	Micellization Parameters of Six Gemini Quaternary Ammonium Surfactants from Measurements of Conductivity and Surface Tension. Journal of Chemical & Engineering Data, 2014, 59, 2891-2900.	1.0	34
36	Transfer Enthalpies of Amino Acids and Glycine Peptides from Water to Aqueous Solutions of Sugar Alcohol at 298.15 K. Journal of Chemical & Engineering Data, 2009, 54, 1426-1429.	1.0	33

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37	Densities and Viscosities of Binary Mixtures of exo-Tetrahydrodicyclopentadiene with N-Undecane or N-Tetradecane at T = (293.15 to 313.15) K. Journal of Chemical & Engineering Data, 2010, 55, 4108-4113.	1.0	33
38	Gold/Oil Nanofluids Stabilized by a Gemini Surfactant and Their Catalytic Property. Industrial & Engineering Chemistry Research, 2013, 52, 8109-8113.	1.8	33
39	A synergistic optical strategy for enhanced deep-tumor penetration and therapy in the second near-infrared window. Materials Horizons, 2020, 7, 2929-2935.	6.4	33
40	A novel well-dispersed nano-Ni catalyst for endothermic reaction of JP-10. Fuel, 2014, 117, 932-938.	3.4	32
41	Excess molar volume along with viscosity, refractive index and relative permittivity for binary mixtures of exo -tetrahydrodicyclopentadiene with four octane isomers. Journal of Chemical Thermodynamics, 2015, 81, 26-33.	1.0	31
42	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. Journal of Chemical & Engineering Data, 2016, 61, 1023-1031.	1.0	29
43	Density, Viscosity, Refractive Index, and Freezing Point for Binary Mixtures of 1,1â€²-Bicyclohexyl with Alkylcyclohexane. Journal of Chemical & Engineering Data, 2014, 59, 2499-2504.	1.0	28
44	A supramolecularly tunable chiral diphosphine ligand: application to Rh and Ir-catalyzed enantioselective hydrogenation. Chemical Science, 2016, 7, 4594-4599.	3.7	28
45	Spectroscopic studies on thermal-oxidation stability of hydrocarbon fuels. Fuel, 2008, 87, 3286-3291.	3.4	27
46	Copperâ€Dipyridylphosphineâ€Polymethylhydrosiloxane: A Practical and Effective System for the Asymmetric Catalytic Hydrosilylation of Ketones. Advanced Synthesis and Catalysis, 2011, 353, 1457-1462.	2.1	27
47	Densities and Viscosities for Binary Mixtures of the Ionic Liquid N-Ethyl Piperazinium Propionate with n-Alcohols at Several Temperatures. Journal of Chemical & Engineering Data, 2012, 57, 937-942.	1.0	27
48	Nanoengineered on-demand drug delivery system improves efficacy of pharmacotherapy for epilepsy. Science Advances, 2022, 8, eabm3381.	4.7	27
49	Density and Refractive Index at 298.15 K and Vaporâ"Liquid Equilibria at 101.3 kPa for Four Binary Systems of Methanol,n-Propanol,n-Butanol, or Isobutanol withN-Methylpiperazine. Journal of Chemical & Engineering Data, 2002, 47, 811-815.	1.0	26
50	Surface Activity and Micellization Parameters of Quaternary Ammonium Surfactants Containing a Hydroxyethyl Group. Journal of Chemical & Engineering Data, 2013, 58, 334-342.	1.0	26
51	Tributylamine as an initiator for cracking of heptane. Energy Conversion and Management, 2008, 49, 1584-1594.	4.4	25
52	Formation mechanism of super water-repellent fractal surfaces of alkylketene dimer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 316, 258-265.	2.3	24
53	Enthalpies of Transfer of Amino Acids from Water to Aqueous Cationic Surfactants Solutions at 298.15 K. Journal of Chemical & Engineering Data, 2008, 53, 942-945.	1.0	24
54	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. Journal of Chemical & Engineering Data, 2012, 57, 3278-3282.	1.0	24

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55	Densities and Viscosities of Binary Mixtures of 2-Ethyl-1,1,3,3-tetramethylguanidinium Ionic Liquids with Ethanol and 1-Propanol. Journal of Chemical & Engineering Data, 2015, 60, 2618-2628.	1.0	24
56	Heat transfer and cracking performance of endothermic hydrocarbon fuel when it cools a high temperature channel. Fuel Processing Technology, 2016, 149, 112-120.	3.7	24
57	New progress in theoretical studies on palladium-catalyzed Câ^'C bond-forming reaction mechanisms. Science China Chemistry, 2016, 59, 1432-1447.	4.2	24
58	A DFT Study on Palladium and Nickel-Catalyzed Regioselective and Stereoselective Hydrosilylation of 1,3-Disubstituted Allenes. Organometallics, 2017, 36, 3371-3381.	1.1	24
59	Hyperbranched Poly(amidoamine) as an Efficient Macroinitiator for Thermal Cracking and Heat-Sink Enhancement of Hydrocarbon Fuels. Energy & Fuels, 2017, 31, 6848-6855.	2.5	24
60	Thermal Decomposition Kinetics and Mechanism of 1,1â€²-Bicyclohexyl. Energy & Fuels, 2014, 28, 4523-4531.	2.5	22
61	Triazenyl Alkynes as Versatile Building Blocks in Multicomponent Reactions: Diastereoselective Synthesis of Î²â€Amino Amides. Angewandte Chemie - International Edition, 2021, 60, 5147-5151.	7.2	22
62	Density, Viscosity, and Vapor Pressure for Binary Mixtures of Tricyclo [5.2.1.0^{2.6}] Decane and Diethyl Carbonate. Journal of Chemical & Engineering Data, 2009, 54, 1865-1870.	1.0	21
63	Mechanism and Substrate-Dependent Rate-Determining Step in Palladium-Catalyzed Intramolecular Decarboxylative Coupling of Arenecarboxylic Acids with Aryl Bromides: A DFT Study. Organometallics, 2013, 32, 6957-6968.	1.1	21
64	Resorcinarene-encapsulated Niâ€“B nano-amorphous alloys for quasi-homogeneous catalytic cracking of JP-10. Applied Catalysis A: General, 2014, 469, 213-220.	2.2	21
65	Interfacial Tensions for System of n-Heptane + Water with Quaternary Ammonium Surfactants and Additives of NaCl or C₂â€“C₄ Alcohols. Journal of Chemical & Engineering Data, 2014, 59, 860-868.	1.0	21
66	Thermal cracking of jet propellant-10 with the addition of a core-shell macroinitiator. Fuel, 2019, 254, 115667.	3.4	21
67	Densities, viscosities and refractive indices of binary liquid mixtures of methyl tert-butyl ether or ethyl tert-butyl ether with a hydrocarbon fuel. Experimental Thermal and Fluid Science, 2013, 48, 163-168.	1.5	20
68	Thermal Stability and Decomposition Kinetics of 1,3-Dimethyladamantane. Energy & Fuels, 2014, 28, 6210-6220.	2.5	20
69	Density, Viscosity, and Freezing Point for Four Binary Systems of n-Dodecane or Methylcyclohexane Mixed with 1-Heptanol or Cyclohexylmethanol. Journal of Chemical & Engineering Data, 2017, 62, 643-652.	1.0	20
70	Density and Refractive Index at 298.15 K and Vaporâ^'Liquid Equilibria at 101.3 kPa for Binary Mixtures of Ethanol +N-Methylpiperazine. Journal of Chemical & Engineering Data, 2001, 46, 596-600.	1.0	19
71	Unfolding of human serum albumin by gemini and single-chain surfactants: A comparative study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 495, 30-38.	2.3	19
72	Investigations on the thermal decomposition of JP-10/ iso -octane binary mixtures. Fuel, 2016, 163, 148-156.	3.4	19

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73	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.	1.0	18
74	Amphiphilic hyperbranched polyethyleneimine for highly efficient oilâ€“water separation. Journal of Materials Chemistry A, 2020, 8, 2412-2423.	5.2	17
75	Stability and Thermal Conductivity Enhancement of Silver Nanofluids with Gemini Surfactants. Industrial & Engineering Chemistry Research, 2017, 56, 12369-12375.	1.8	16
76	Palladium nanoparticles induce autophagy and autophagic flux blockade in Hela cells. RSC Advances, 2018, 8, 4130-4141.	1.7	16
77	New Strategy for High-Performance Integrated Catalysts for Cracking Hydrocarbon Fuels. ACS Applied Materials & Interfaces, 2019, 11, 40078-40090.	4.0	16
78	Intracellular and Cellular Detection by SERSâ€Active Plasmonic Nanostructures. ChemBioChem, 2019, 20, 2432-2441.	1.3	16
79	Phase behaviors and curcumin encapsulation performance of Gemini surfactant microemulsion. Journal of Molecular Liquids, 2020, 315, 113786.	2.3	16
80	Exploration of the Microstructure and Rheological Properties of Sodium Alginate-Pectin-Whey Protein Isolate Stabilized Î²-Carotene Emulsions: To Improve Stability and Achieve Gastrointestinal Sustained Release. Foods, 2021, 10, 1991.	1.9	16
81	Density and Refractive Index at 298.15 K and Vaporâ€“Liquid Equilibria at 101.3 kPa for Binary Mixtures of Water +N-Ethylpiperazine. Journal of Chemical & Engineering Data, 2000, 45, 288-291.	1.0	15
82	Volumetric and Viscous Properties at Several Temperatures for Binary Mixtures of N-Methylpiperazine with Methylcyclohexane or n-Heptane. Journal of Chemical & Engineering Data, 2010, 55, 2914-2916.	1.0	15
83	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. Journal of Chemical & Engineering Data, 2018, 63, 4052-4060.	1.0	15
84	Influence of Reduction Kinetics on the Preparation of Well-Defined Cubic Palladium Nanocrystals. Inorganic Chemistry, 2018, 57, 8128-8136.	1.9	15
85	Density, Viscosity, and Refractive Index for Binary Mixtures of Three Adamantane Derivatives with n-Nonane or n-Undecane at T = 293.15â€“343.15 K and Atmospheric Pressure. Journal of Chemical & Engineering Data, 2020, 65, 2512-2526.	1.0	15
86	A polyester-based initiation strategy for achieving high-efficient cracking of hydrocarbon fuels. Chemical Engineering Journal, 2021, 425, 128059.	6.6	15
87	Thermal stability characterization of n-alkanes from determination of produced aromatics. Journal of Analytical and Applied Pyrolysis, 2013, 104, 593-602.	2.6	14
88	Hyperbranched polyglycerol/poly(acrylic acid) hydrogel for the efficient removal of methyl violet from aqueous solutions. Journal of Applied Polymer Science, 2016, 133, .	1.3	14
89	Why different ligands can control stereochemistry selectivity of Ni-catalyzed Suzukiâ€“Miyaura cross-coupling of benzylic carbamates with arylboronic esters: a mechanistic study. Dalton Transactions, 2017, 46, 13010-13019.	1.6	14
90	Density and Viscosity of Ternary Mixture of Cyclopentanol + exo-Tetrahydrodicyclopentadiene + 1,3-Dimethyladamantane. Journal of Chemical & Engineering Data, 2019, 64, 2558-2567.	1.0	14

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91	Strategically designed macromolecules as additives for high energy-density hydrocarbon fuels. Fuel, 2020, 270, 117433.	3.4	14
92	Measurement of Bubble-Point Vapor Pressure for Systems of JP-10 with Ethanol. Energy & Fuels, 2007, 21, 1048-1051.	2.5	13
93	Explore the Catalytic Reaction Mechanism in the Reduction of NO by CO on the Rh₇⁺ Cluster: A Quantum Chemical Study. Journal of Physical Chemistry C, 2012, 116, 7776-7781.	1.5	13
94	Cracking of platinum/hydrocarbon nanofluids with hyperbranched polymer as stabilizer and initiator. Fuel, 2019, 255, 115782.	3.4	13
95	Preparation of zein-lecithin-EGCG complex nanoparticles stabilized peppermint oil emulsions: Physicochemical properties, stability and intelligent sensory analysis. Food Chemistry, 2022, 383, 132453.	4.2	13
96	Deep insights into the growth pattern of palladium nanocubes with controllable sizes. RSC Advances, 2016, 6, 66048-66055.	1.7	12
97	Densities and Viscosities for the Ternary System of Cyclopropanemethanol (1) + n-Dodecane (2) + Butylcyclohexane (3) and Corresponding Binaries at T = 293.15â€“343.15 K. Journal of Chemical & Engineering Data, 2017, 62, 2330-2339.	1.0	12
98	Modified Hyperbranched Polyglycerol as Dispersant for Size Control and Stabilization of Gold Nanoparticles in Hydrocarbons. Nanoscale Research Letters, 2017, 12, 525.	3.1	12
99	Fabrication and characterization of oil-in-water pickering emulsions stabilized by ZEIN-HTCC nanoparticles as a composite layer. Food Research International, 2021, 148, 110606.	2.9	12
100	A DFT study on palladium-catalyzed decarboxylative intramolecular aziridination reaction mechanism. Journal of Organometallic Chemistry, 2013, 745-746, 417-422.	0.8	11
101	Conformational Isomerism Influence on the Properties of Piperazinium Bis(trifluoromethylsulfonyl)imide. Journal of Physical Chemistry B, 2014, 118, 9085-9095.	1.2	11
102	Thermodynamic properties and pyrolysis performances of hydrocarbon-fuel-based nanofluids containing palladium nanoparticles. Journal of Analytical and Applied Pyrolysis, 2016, 120, 347-355.	2.6	11
103	Solubilization of the macroinitiator palmitoyl modified hyperbranched polyglycerol (PHPG) in hydrocarbon fuels. Fuel, 2017, 200, 62-69.	3.4	11
104	A DFT study on the mechanisms of hydrogenation and hydrosilylation of nitrous oxide catalyzed by a ruthenium PNP pincer complex. Computational and Theoretical Chemistry, 2018, 1128, 48-55.	1.1	11
105	Highly stable macroinitiator/platinum/hydrocarbon nanofluids for efficient thermal management in hypersonic aircraft from synergistic catalysis. Energy Conversion and Management, 2019, 198, 111797.	4.4	11
106	Densities and Viscosities for the Ternary System of Decalin + Methylcyclohexane + Cyclopentanol and Corresponding Binaries at T = 293.15 to 343.15 K. Journal of Chemical & Engineering Data, 2019, 64, 1414-1424.	1.0	11
107	Measurements on Vapor Pressure and Thermal Conductivity for Pseudo-binary Systems of a Hydrocarbon Fuel with Ethylene and Diethylene Glycol Dimethyl Ethers. Energy & Fuels, 2009, 23, 794-798.	2.5	10
108	Phase property, composition and temperature-induced phase inversion of ATPS-C formed by aqueous cationicâ€“anionic surfactant mixtures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 193-200.	2.3	10

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109	Dehydrogenation of benzyl alcohol with N₂O as the hydrogen acceptor catalyzed by the rhodium(<scp>i</scp>) carbene complex: insights from quantum chemistry calculations. Dalton Transactions, 2016, 45, 16485-16491.	1.6	10
110	DFT studies on mechanistic origins of ligand-controlled selectivity in Pd-catalyzed non-decarbonylative and decarbonylative reductive conversion of acyl fluoride. Dalton Transactions, 2019, 48, 3440-3446.	1.6	10
111	Density, viscosity and electrical conductivity of alcohol solutions of 2,2-diethyl-1,1,3,3-tetramethylguanidinium bis(trifluoromethylsulfonyl)imide. Journal of Chemical Thermodynamics, 2020, 151, 106241.	1.0	10
112	Density and Viscosity Measurements on the Ternary System of exo-Tetrahydrodicyclopentadiene (1) + n-Decane (2) + Iso-Butanol (3) and Corresponding Binary Systems. Journal of Chemical & Engineering Data, 2020, 65, 2527-2539.	1.0	10
113	Effects of fractal surface on C6 glioma cell morphogenesis and differentiation in vitro. Biomaterials, 2010, 31, 6201-6206.	5.7	9
114	Reaction Mechanisms of a Tungstenâ€“Germylyne Complex with One or Two Molecules of Alcohols and Arylaldehydes: A DFT Study. European Journal of Inorganic Chemistry, 2014, 2014, 1502-1511.	1.0	9
115	A sulfur-rich segmental hyperbranched polymer as a coking inhibitor for endothermic hydrocarbon fuels. Fuel, 2021, 287, 119477.	3.4	9
116	Improved Stability and Targeted Cytotoxicity of Epigallocatechin-3-Gallate Palmitate for Anticancer Therapy. Langmuir, 2021, 37, 969-977.	1.6	9
117	Kinetics on formation of super water repellent surfaces from phase transformation in binary mixtures of trimyristin and tripalmitin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 396, 130-136.	2.3	8
118	Theoretical studies on the reductive elimination reaction mechanism from neutral palladium(IV) sulfinate complexes. Journal of Physical Organic Chemistry, 2013, 26, 933-938.	0.9	8
119	Formation of Novel Aqueous Two-Phase Systems with Piperazinium-Based Ionic Liquids and Anionic Surfactants: Phase Behavior and Microstructure. Journal of Physical Chemistry B, 2015, 119, 11798-11806.	1.2	8
120	Densities and Viscosities for the Ternary Mixtures of exo-Tetrahydrodicyclopentadiene (1) + Isopropylcyclohexane (2) + Methyl Laurate (3) and Corresponding Binaries. Journal of Chemical & Engineering Data, 2019, 64, 4013-4023.	1.0	8
121	Density and Viscosity of the Ternary System Pinane + n-Dodecane + Methyl Laurate and Corresponding Binary Systems at T = 293.15â€“333.15 K. Journal of Chemical & Engineering Data, 2021, 66, 2706-2716.	1.0	8
122	Densities and viscosities for the ternary system of cyclopropanemethanol (1) + 2, 2, 4-trimethylpentane (2) + decalin (3) and corresponding binaries at T = 293.15â€“323.15 K. Physics and Chemistry of Liquids, 2019, 57, 491-503.	0.4	7
123	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. Journal of Chemical & Engineering Data, 2020, 65, 3977-3987.	1.0	7
124	Hyperbranched poly(amidoamine) as an efficient macroinitiator for steam cracking of naphtha. Fuel, 2021, 299, 120907.	3.4	7
125	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. Dalton Transactions, 2016, 45, 1152-1159.	1.6	6
126	Cisplatin combination drugs induce autophagy in HeLa cells and interact with HSA via electrostatic binding affinity. RSC Advances, 2017, 7, 22270-22279.	1.7	6

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127	Non-innocent PNN ligand is important for CO oxidation by N₂O catalyzed by a (PNN)Ruâ€“H pincer complex: insights from DFT calculations. Dalton Transactions, 2018, 47, 15324-15330.	1.6	6
128	Oxygenolysis reaction mechanism of copper-dependent quercetin 2,3-dioxygenase: A density functional theory study. Science China Chemistry, 2012, 55, 1832-1841.	4.2	5
129	Densities and Viscosities for the Ternary System of 1,2,3,4-Tetrahydronaphthalene + Isopropylcyclohexane + Cyclopropanemethanol and Corresponding Binaries at T = (293.15 to) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	5
130	Densities and Viscosities for the Ternary Mixture of n-Undecane (1) + Methyl Decanoate (2) + n-Butanol (3) and Corresponding Binaries from T = 293.15 to 333.15 K and at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2021, 66, 3834-3843.	1.0	5
131	The pyrolysis kinetics and heat exchange performance of biomass hydrocarbon pinane. Fuel, 2022, 317, 123453.	3.4	5
132	Exploring the reaction mechanism of a cationic terminal iridium methylene complex with ethyl diazoacetate, a Lewis base and dihydrogen: a quantum chemistry study. New Journal of Chemistry, 2014, 38, 4115.	1.4	4
133	The reactivity of coordinatively unsaturated iridium methylene complex Ir CH2[N(SiMe2CH2PPh2)2]: A quantum chemistry study. Computational and Theoretical Chemistry, 2018, 1138, 91-98.	1.1	4
134	Unveiling the Influence of Inherent Parameters of AgPt and AgPtAu Octahedra upon Formic Acid Electrooxidation. Journal of Physical Chemistry C, 2021, 125, 16984-16994.	1.5	4
135	Control of Reduction Kinetics to Form Palladium Nanocubes Enables Tunable Concavity. Chemistry of Materials, 2020, 32, 4591-4599.	3.2	4
136	Thermal Conductivity and Stability of Hydrocarbon-Based Nanofluids with Palladium Nanoparticles Dispersed by Modified Hyperbranched Polyglycerol. ACS Omega, 2020, 5, 31156-31163.	1.6	4
137	Pdâ€catalyzed bicyclization of 2â€alkynylhalobenzenes and propargylic alcohols for the formation of indeno[1,2]furans: a DFT study. Journal of Physical Organic Chemistry, 2014, 27, 237-244.	0.9	3
138	Theoretically exploring the key role of the Lys412 residue in the conversion of N₂O to N₂by nitrous oxide reductase from Achromobacter cycloclastes. New Journal of Chemistry, 2015, 39, 8093-8099.	1.4	3
139	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 = (293.15â€“333.15) K. Journal of Chemical & Engineering Data, 2021, 66, 1665-1675.	1.0	3
140	All-Silicon Zeolite Supported Pt Nanoparticles for Green On-Board Inert Gas Generation System. Combustion Science and Technology, 2021, 193, 2009-2022.	1.2	3
141	Mechanistic study on oxidative degradation and deposition of exo-tetrahydrodicyclopentadiene. Fuel, 2022, 317, 123533.	3.4	3
142	Understanding hydrogenation of the adenineâ€thymine base pairs and their anions: A density functional study. International Journal of Quantum Chemistry, 2012, 112, 609-618.	1.0	2
143	A combined experimental and theoretical study on the structures, interactions and volumetric properties of guanidinium-based ionic liquid mixtures. Physical Chemistry Chemical Physics, 2019, 21, 17720-17728.	1.3	2
144	PdAgPt Corner-Satellite Nanocrystals in Well-Controlled Morphologies and the Structure-Related Electrocatalytic Properties. Nanomaterials, 2021, 11, 340.	1.9	2

#	Article	IF	Citations
145	Hydrophobic fractal surface from glycerol tripalmitate and the effects on C6 glioma cell growth. Colloids and Surfaces B: Biointerfaces, 2016, 142, 377-384.	2.5	1
146	Volumetric Properties and Viscosity B-Coefficients for the Ternary Systems Epigallocatechin Gallate + MCl + H2O (M = Li, Na, K) at Temperatures 288.15â€“308.15 K. Journal of Chemical & Engineering Data, 2016, 61, 1777-1792.	1.0	1
147	N-Insertion reaction mechanisms of phenyl azides with a hafnium hydride complex: a quantum chemistry calculation. New Journal of Chemistry, 2017, 41, 5007-5011.	1.4	1
148	A substrate-dependent mechanism for the reactions of a hydrido(hydrosilylene)ruthenium complex with carbonyl compounds: insights from quantum chemical calculations. New Journal of Chemistry, 2017, 41, 198-203.	1.4	1
149	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. Journal of Chemical & Engineering Data, 2018, 63, 3534-3544.	1.0	1
150	Experimental Studies on Parametric Effects and Reaction Mechanisms in Electrolytic Decomposition and Ignition of HAN Solutions. ACS Omega, 2022, 7, 18521-18530.	1.6	1
151	Thermal Conductivity and Stability of Hydrocarbon-Based Nanofluids with Palladium Nanoparticles Dispersed by Modified Hyperbranched Polyglycerol. ACS Omega, 2020, 5, 31156-31163.	1.6	0
152	Thermal decomposition behaviors of an amphiphilic macroinitiator DSHPG for hydrocarbon fuel. Chemical Thermodynamics and Thermal Analysis, 2022, 6, 100047.	0.7	0