Beatriz Giner

List of Publications by Year in Descending Order

89 papers	1,913 citations	26 h-index	37 g-index
97 ext. papers	2,137 ext. citations	3.7 avg, IF	4.87 L-index

#	Paper	IF	Citations
89	Thermophysical characterization of choline chloride: Resorcinol and its mixtures with water. *Fluid Phase Equilibria*, **2022**, 557, 113435	2.5	0
88	Deep Eutectic Solvents: Are They Safe?. *Applied Sciences (Switzerland)*, **2021**, 11, 10061	2.6	8
87	Applications of Deep Eutectic Solvents Related to Health, Synthesis, and Extraction of Natural Based Chemicals. *Applied Sciences (Switzerland)*, **2021**, 11, 10156	2.6	2
86	Ecotoxicity and biodegradability of pure and aqueous mixtures of deep eutectic solvents: glyceline, ethaline, and reline. *Environmental Science and Pollution Research*, **2021**, 28, 8812-8821	5.1	15
85	Ecotoxicity interspecies study of ionic liquids based on phosphonium and ammonium cations. *Environmental Science and Pollution Research*, **2021**, 28, 65374-65384	5.1	3
84	A comprehensive study of the thermophysical properties of reline and hydrated reline. *Journal of Molecular Liquids*, **2020**, 303, 112679	6	27
83	Assessing awareness of green chemistry as a tool for advancing sustainability. *Journal of Cleaner Production*, **2020**, 256, 120392	10.3	9
82	Ecotoxicological study of six drugs in Aliivibrio fischeri, Daphnia magna and Raphidocelis subcapitata. *Environmental Science and Pollution Research*, **2020**, 27, 9891-9900	5.1	5
81	Ionic Liquids in Agrochemistry. *Current Organic Chemistry*, **2020**, 24, 1181-1195	1.7	3
80	QSAR study for predicting the ecotoxicity of NADES towards Aliivibrio fischeri. Exploring the use of mixing rules. *Ecotoxicology and Environmental Safety*, **2020**, 191, 110004	7	11
79	Is Green Chemistry a feasible tool for the implementation of a circular economy?. *Environmental Science and Pollution Research*, **2020**, 27, 6215-6227	5.1	9
78	Synthesis and Ecotoxicological Studies of Ionic Compounds Based on Tolperisone, Diphenhydramine and Trimecaine. *ChemistrySelect*, **2020**, 5, 12823-12828	1.8	1
77	Acute and subacute effects of drugs in embryos of Danio rerio. QSAR grouping and modelling. *Ecotoxicology and Environmental Safety*, **2019**, 172, 232-239	7	10
76	Thermophysical characterization of the deep eutectic solvent choline chloride:ethylene glycol and one of its mixtures with water. *Fluid Phase Equilibria*, **2019**, 492, 1-9	2.5	61
75	QSAR modelling for predicting the toxic effects of traditional and derived biomass solvents on a Danio rerio biomodel. *Chemosphere*, **2019**, 227, 480-488	8.4	6
74	The NADES glyceline as a potential Green Solvent: A comprehensive study of its thermophysical properties and effect of water inclusion. *Journal of Chemical Thermodynamics*, **2019**, 128, 164-172	2.9	57
73	Green Chemistry and Environmental Management Systems: Relationships, Synergies, Advantages and Barriers of Joint Implementation at Universities. *Environmental Management*, **2019**, 64, 783-793	3.1	4

72	Ecotoxicity in Aliivibrio fischeri of Ibuprofen, Omeprazole and their Mixtures. *Chemistry and Ecology* , **2019**, 35, 102-114	2.3	9
71	Solvents derived from biomass and their potential as green solvents. *Current Opinion in Green and Sustainable Chemistry*, **2019**, 18, 51-56	7.9	19
70	Exploring the usefulness of key green physicochemical properties: Quantitative structure-activity relationship for solvents from biomass. *Environmental Toxicology and Chemistry*, **2018**, 37, 1014-1023	3.8	8
69	Toxicological study of some ionic liquids. *Green Processing and Synthesis*, **2018**, 7, 287-295	3.9	6
68	Comparative Study of the Thermophysical Properties of 2-Ethylthiophene and 2-Ethylfuran. *Journal of Chemical & Engineering Data*, **2018**, 63, 3274-3284	2.8	5
67	Acute lethal and sublethal effects of diltiazem and doxepin for four aquatic environmental bioindicators covering the trophic chain. *AIMS Environmental Science*, **2018**, 5, 229-243	1.9	5
66	Ecotoxicity and QSAR studies of glycerol ethers in Daphnia magna. *Chemosphere*, **2017**, 183, 277-285	8.4	28
65	Thermophysical study of the binary mixtures of N,N-dimethylacetamide with 2-propanol and 2-butanol. *Thermochimica Acta*, **2017**, 655, 169-175	2.9	7
64	Densities at high pressures and derived properties of thiophenes. *Journal of Chemical Thermodynamics*, **2017**, 109, 16-22	2.9	3
63	Comparative ecotoxicity study of glycerol-biobased solvents. *Environmental Chemistry*, **2017**, 14, 370	3.2	11
62	Thermophysical properties of the thiophene family. *Journal of Thermal Analysis and Calorimetry*, **2016**, 125, 509-518	4.1	7
61	Comparative ecotoxicology study of two neoteric solvents: Imidazolium ionic liquid vs. glycerol derivative. *Ecotoxicology and Environmental Safety*, **2016**, 132, 429-34	7	17
60	Ecotoxicity studies of glycerol ethers in Vibrio fischeri: checking the environmental impact of glycerol-derived solvents. *Green Chemistry*, **2015**, 17, 4326-4333	10	26
59	Thermophysical study of the furan family. *Thermochimica Acta*, **2015**, 617, 54-64	2.9	24
58	Thermophysical Properties of Furfural Compounds. *Journal of Chemical & Engineering Data*, **2014**, 59, 329-338	2.8	15
57	Aggregation behaviour of betablocker drugs in aqueous media. *New Journal of Chemistry*, **2014**, 38, 4141	3.6	5
56	Phase Equilibrium of Binary Mixtures of n-Hexane + Branched Chlorobutanes: Experimental Results and Group Contribution Predictions. *Journal of Chemical & Engineering Data*, **2014**, 59, 3017-3024	2.8	4
55	Thermophysical properties of lactates. *Thermochimica Acta*, **2014**, 575, 305-312	2.9	29

54	Ecotoxicity studies of the levulinate ester series. *Ecotoxicology*, **2014**, 23, 1484-93	2.9	20
53	Self-aggregation of liquids from biomass in aqueous solution. *Journal of Chemical Thermodynamics*, **2013**, 66, 131-136	2.9	11
52	Thermophysical Properties of Three Compounds from the Acrylate Family. *Journal of Chemical & Engineering Data*, **2013**, 58, 1193-1202	2.8	39
51	Thermophysical study of methyl levulinate. *Journal of Chemical Thermodynamics*, **2013**, 65, 34-41	2.9	31
50	Surface study of binary mixtures containing chlorinated and oxygenated compounds. *Journal of Molecular Liquids*, **2013**, 181, 1-7	6	22
49	The pΠ behaviour of the lactate family. *Journal of Chemical Thermodynamics*, **2013**, 58, 8-13	2.9	11
48	Physicochemical properties of green solvents derived from biomass. *Green Chemistry*, **2011**, 13, 2062	10	121
47	Optical and diffractive studies of pyridinium-based ionic liquids. *Physics and Chemistry of Liquids*, **2011**, 49, 192-205	1.5	4
46	PΠ Behavior of Several Chemicals from Biomass. *Energy & Fuels*, **2011**, 25, 3009-3013	4.1	40
45	Phase equilibrium and thermophysical properties of mixtures containing a cyclic ether and 1-chloropropane. *Fluid Phase Equilibria*, **2010**, 295, 130-136	2.5	7
44	Aggregation Behavior of Pyridinium-Based Ionic Liquids in Aqueous Solution. *Journal of Solution Chemistry*, **2009**, 38, 1622-1634	1.8	38
43	Surface and bulk behaviour of some (n-hexane+chloroalkane) mixtures. *Journal of Chemical Thermodynamics*, **2009**, 41, 553-559	2.9	16
42	Thermophysical Properties of N-Octyl-3-methylpyridinium Tetrafluoroborate. *Journal of Chemical & Engineering Data*, **2009**, 54, 236-240	2.8	36
41	Thermophysic comparative study of two isomeric pyridinium-based ionic liquids. *Journal of Physical Chemistry B*, **2008**, 112, 3077-84	3.4	80
40	Physicochemical characterization of n-butyl-3-methylpyridinium dicyanamide [corrected] ionic liquid. *Journal of Physical Chemistry B*, **2008**, 112, 12461-7	3.4	45
39	Temperature dependence of surface tension of 2-methyl-1-propanol and 2-methyl-2-propanol+n-hexane mixtures. *Physics and Chemistry of Liquids*, **2008**, 46, 643-652	1.5	11
38	Isothermal (vapour + liquid) equilibrium of (cyclic ethers + chlorohexane) mixtures: Experimental results and SAFT modelling. *Journal of Chemical Thermodynamics*, **2008**, 40, 1253-1260	2.9	6
37	Thermodynamic properties of tetrahydrofuran or tetrahydropyran with 1-chlorohexane. *Journal of Molecular Liquids*, **2008**, 139, 138-142	6	15

36	Study of the Temperature Dependence of Surface Tensions of Some Alkanol + Hexane Mixtures. *Journal of Chemical & Engineering Data*, **2007**, 52, 1904-1907	2.8	29
35	Phase equilibrium of binary mixtures of cyclic ethers + chlorobutane isomers: experimental measurements and SAFT-VR modeling. *Journal of Physical Chemistry B*, **2007**, 111, 9588-97	3.4	16
34	Isomerization Behavior of an Azopolymer in Terms of the Langmuir□Blodgett Film Thickness and the Transference Surface Pressure. *Macromolecules*, **2007**, 40, 2058-2069	5.5	18
33	Intermolecular potential model parameters for cyclic ethers and chloroalkanes in the SAFT-VR approach. *Fluid Phase Equilibria*, **2007**, 255, 200-206	2.5	14
32	Vapour□liquid equilibrium of cyclic ethers with 1-chlorohexane: Experimental results and UNIFAC predictions. *Fluid Phase Equilibria*, **2007**, 257, 70-77	2.5	9
31	Isothermal vapour□liquid equilibrium for cyclic ethers with 1-chloropentane. *Fluid Phase Equilibria*, **2007**, 251, 8-16	2.5	20
30	Surface study of mixtures containing cyclic ethers and isomeric chlorobutanes. *Journal of Chemical Thermodynamics*, **2007**, 39, 791-797	2.9	13
29	Surface Tension of Mixtures of Tetrahydrofuran or Tetrahydropyran with Isomeric Chlorobutanes. *International Journal of Thermophysics*, **2007**, 28, 1188-1198	2.1	16
28	Isentropic and Excess Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Chloroalkanes. *Journal of Solution Chemistry*, **2007**, 36, 375-386	1.8	23
27	Volumetric and refractive properties of binary mixtures containing 1,4-dioxane and chloroalkanes. *Journal of Chemical Thermodynamics*, **2007**, 39, 148-157	2.9	44
26	Refractive indices and molar refractions of binary mixtures formed by some cyclic ethers and isomeric chlorobutanes. *Physics and Chemistry of Liquids*, **2007**, 45, 503-513	1.5	16
25	Phase equilibrium of liquid mixtures: experimental and modeled data using statistical associating fluid theory for potential of variable range approach. *Journal of Chemical Physics*, **2007**, 127, 144513	3.9	9
24	Thermophysical study of 1,4-dioxane with cycloalkane mixtures. *Journal of Chemical Thermodynamics*, **2006**, 38, 871-878	2.9	24
23	Study of weak molecular interactions through thermodynamic mixing properties. *Journal of Physical Chemistry B*, **2006**, 110, 17683-90	3.4	69
22	Isobaric vapour□liquid equilibrium for the binary systems formed by a cyclic ether and bromocyclohexane at 40.0 and 101.3 kPa. *Physics and Chemistry of Liquids*, **2006**, 44, 275-285	1.5	6
21	Densities and Viscosities of the Binary Mixtures of Tetrahydrofuran with Isomeric Chlorobutanes at 298.15 K and 313.15 K. *Journal of Chemical & Engineering Data*, **2006**, 51, 1321-1325	2.8	30
20	Viscosities of binary mixtures of 1,3-dioxolane or 1,4-dioxane with isomeric chlorobutanes. *Journal of Molecular Liquids*, **2006**, 129, 176-180	6	26
19	Thermophysical Properties of Mixtures of Tetrahydropyran with Chlorobutanes. *International Journal of Thermophysics*, **2006**, 27, 1406-1418	2.1	19

18	Volumetric and refractive properties of binary mixtures containing 1,3-dioxolane and isomeric chlorobutanes. *Journal of Thermal Analysis and Calorimetry*, **2006**, 83, 735-745	4.1	31
17	Surface behavior of the 1-bromobutane with isomeric butanol mixtures. *Journal of Physical Chemistry B*, **2005**, 109, 23096-102	3.4	23
16	Experimental and Predicted Vapor□liquid Equilibrium for Cyclic Ethers with 1-Chloropentane. *Industrial & Engineering Chemistry Research*, **2005**, 44, 6981-6988	3.9	13
15	Study of the Surface Tension of Chlorocyclohexane or Bromocyclohexane with Some Cyclic Ethers. *Journal of Chemical & Engineering Data*, **2005**, 50, 1334-1337	2.8	35
14	Refractive indices and molar refractions for isomeric chlorobutanes with isomeric butanols. *Physics and Chemistry of Liquids*, **2005**, 43, 13-23	1.5	35
13	Proton sponge and fatty acid interactions at the air-water interface. Thermodynamic, spectroscopic, and microscopic study. *Langmuir*, **2005**, 21, 2796-803	4	28
12	Study of tetrahydropyran-chlorobutane VLE using the □ and ?□ approaches. *Fluid Phase Equilibria*, **2005**, 232, 50-56	2.5	14
11	Thermophysical properties of the binary mixtures of 2-methyl-tetrahydrofuran with benzene and halobenzenes. *Thermochimica Acta*, **2005**, 439, 1-7	2.9	23
10	Experimental and predicted vapour□quid equilibrium of 1,4-dioxane with cycloalkanes and benzene. *Fluid Phase Equilibria*, **2005**, 238, 1-6	2.5	10
9	Study of the Surface Tensions of Cyclohexane or Methylcyclohexane with Some Cyclic Ethers. *Journal of Solution Chemistry*, **2005**, 34, 185-198	1.8	39
8	Experimental data of isobaric vapour□quid equilibrium for binary mixtures containing tetrahydrofuran and isomeric chlorobutanes. *Physics and Chemistry of Liquids*, **2005**, 43, 299-307	1.5	14
7	Vapour□iquid equilibrium and volumetric measurements for binary mixtures of 1,3-Dioxolane with Isomeric chlorobutanes. *Physics and Chemistry of Liquids*, **2004**, 42, 173-183	1.5	17
6	Surface tensions for isomeric chlorobutanes with isomeric butanols. *Journal of Colloid and Interface Science*, **2004**, 275, 284-9	9.3	67
5	Speeds of Sound and Isentropic Compressibilities of Binary Mixtures Containing Cyclic Ethers and Haloalkanes at 298.15 and 313.15 K. *International Journal of Thermophysics*, **2004**, 25, 1735-1746	2.1	38
4	Excess thermodynamic properties of isomeric butanols with 2-methyl-tetrahydrofuran. *Journal of Molecular Liquids*, **2003**, 108, 303-311	6	43
3	Excess properties of the ternary system (hexane + 1,3-dioxolane + 1-butanol) at 298.15 and 313.15 K. *Fluid Phase Equilibria*, **2003**, 211, 61-73	2.5	17
2	Viscosities of Binary Mixtures of Isomeric Butanols or Isomeric Chlorobutanes with 2-Methyltetrahydrofuran. *Journal of Chemical & Engineering Data*, **2003**, 48, 1296-1300	2.8	33
1	Experimental values and ERAS model calculations for excess molar volumes and enthalpies of the ternary system 2-butanol + 1,3-dioxolane + cyclohexane. *Canadian Journal of Chemistry*, **2003**, 81, 357-363	3.9	17