

Emilia Tojo

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.

69
papers

2,443
citations

24
h-index

48
g-index

72
ext. papers

2,622
ext. citations

3.8
avg, IF

4.8
L-index

#	Paper	IF	Citations
69	Experimental device to measure the ionic conductivity anisotropy in liquid crystal hydrogel based in [EMIM] alkyl sulfate Ionic Liquids. <i>Fluid Phase Equilibria</i> , 2022 , 555, 113353	2.5	1
68	Design and synthesis of alverine-based ionic liquids to improve drug water solubility. <i>New Journal of Chemistry</i> , 2020 , 44, 20428-20433	3.6	3
67	Design and Characterization of Naphthalene Ionic Liquids. <i>Frontiers in Chemistry</i> , 2020 , 8, 208	5	2
66	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of Escherichia Coli Cells. <i>ChemPhysChem</i> , 2019 , 20, 727-735	3.2	14
65	Fuel cell electrolyte membranes based on copolymers of protic ionic liquid [HSO ₃ -BVI _m][TFO] with MMA and hPFSVE. <i>Polymer</i> , 2019 , 179, 121583	3.9	14
64	New Active Pharmaceutical Ingredient-Ionic Liquids (API-ILs) Derived from Indomethacin and Mebendazole. <i>Proceedings (mdpi)</i> , 2019 , 9, 48	0.3	12
63	Recovery of flavonoids using novel biodegradable choline amino acids ionic liquids based ATPS. <i>Fluid Phase Equilibria</i> , 2019 , 493, 1-9	2.5	12
62	Development of Novel API-ILs for the Optimization of Anti-Alzheimer Drugs. <i>Proceedings (mdpi)</i> , 2019 , 9, 47	0.3	
61	New Insights on the Characterization of the Ionic Liquid Crystal 1-Ethyl-3-Methylimidazolium Decylsulfate. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 31196-31211	3.8	2
60	Crystallization and Glass-Forming Ability of Ionic Liquids: Novel Insights into Their Thermal Behavior. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2989-2997	8.3	12
59	A mild and efficient procedure for alkenols oxyselenocyclization by using ionic liquids. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3928	2.1	4
58	Imidazolium decyl sulfate: a very promising selfmade ionic hydrogel. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 505-513	7.8	9
57	Ionic Liquids Derived from Proline: Application as Surfactants. <i>ChemPhysChem</i> , 2018 , 19, 2885-2893	3.2	9
56	Deepening of the Role of Cation Substituents on the Extractive Ability of Pyridinium Ionic Liquids of N-Compounds from Fuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 2015-2025	8.3	18
55	Synthesis of (3-Methoxycarbonyl)coumarin in an Ionic Liquid: An Advanced Undergraduate Project for Green Chemistry. <i>Journal of Chemical Education</i> , 2017 , 94, 505-509	2.4	12
54	TRANSPORT PROPERTIES FOR 1-ETHYL-3-METHYLIMIDAZOLIUM n-ALKYL SULFATES: POSSIBLE EVIDENCE OF GROTHUSS MECHANISM. <i>Electrochimica Acta</i> , 2017 , 231, 94-102	6.7	24
53	A new procedure to obtain ϵ -caprolactam catalyzed by a guanidinium salt. <i>New Journal of Chemistry</i> , 2017 , 41, 12830-12834	3.6	8

52	Revealing the Charge Transport Mechanism in Polymerized Ionic Liquids: Insight from High Pressure Conductivity Studies. <i>Chemistry of Materials</i> , 2017 , 29, 8082-8092	9.6	27
51	Physicochemical properties of 2-alkyl-1-ethylpyridinium based ionic liquids. <i>Fluid Phase Equilibria</i> , 2016 , 428, 112-120	2.5	11
50	Synthesis and properties of novel chiral imidazolium-based ionic liquids derived from carvone. <i>RSC Advances</i> , 2016 , 6, 31177-31180	3.7	11
49	Extractive denitrogenation of model oils with tetraalkyl substituted pyridinium based ionic liquids. <i>Fluid Phase Equilibria</i> , 2015 , 396, 66-73	2.5	24
48	Long-term thermal stabilities of ammonium ionic liquids designed as potential absorbents of ammonia. <i>RSC Advances</i> , 2015 , 5, 41278-41284	3.7	14
47	Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 2560-72	3.6	22
46	Pyridinium based dicationic ionic liquids as base lubricants or lubricant additives. <i>Tribology International</i> , 2015 , 82, 245-254	4.9	62
45	Effect of the number, position and length of alkyl chains on the physical properties of polysubstituted pyridinium ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014 , 69, 19-26	2.9	31
44	Performance of PEMFC with new polyvinyl-ionic liquids based membranes as electrolytes. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 3970-3977	6.7	52
43	Toxicity and biodegradability of dicationic ionic liquids. <i>RSC Advances</i> , 2014 , 4, 5198	3.7	71
42	Ethylene glycol-based ionic liquids via azide/alkyne click chemistry. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 190-202	2.5	22
41	Physicochemical Characterization of New Sulfonate and Sulfate Ammonium Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 241-248	2.8	15
40	Dicationic ionic liquids as lubricants. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2012 , 226, 952-964	1.4	19
39	Pyrrolidinium sulfate and ammonium sulfate ionic liquids as lubricant additives for steel/steel contact lubrication. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2012 , 226, 923-932	1.4	37
38	Knoevenagel reaction in [MMIm][MSO] synthesis of coumarins. <i>Molecules</i> , 2011 , 16, 4379-88	4.8	36
37	Physicochemical Characterization of New Sulfate Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 14-20	2.8	35
36	Synthesis and characterization of new polysubstituted pyridinium-based ionic liquids: application as solvents on desulfurization of fuel oils. <i>Green Chemistry</i> , 2011 , 13, 2768	10	47
35	Use of Ionic Liquid as Solvent in the Oxidation of Furans with Singlet Oxygen. <i>Synthesis</i> , 2010 , 2010, 3415-3417	5.3	17

34	A mild and efficient way to prepare ϵ -caprolactam by using a novel salt related with ionic liquids. <i>Tetrahedron Letters</i> , 2010 , 51, 4125-4128	2	17
33	Cytotoxicity of selected imidazolium-derived ionic liquids in the human Caco-2 cell line. Sub-structural toxicological interpretation through a QSAR study. <i>Green Chemistry</i> , 2008 , 10, 508	10	139
32	A simple, efficient and green procedure for Knoevenagel reaction in [MMIm][MSO ₄] ionic liquid. <i>Catalysis Communications</i> , 2008 , 9, 1779-1781	3.2	59
31	Physical Properties of 1-Butyl-3-methylimidazolium Methyl Sulfate as a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 377-380	2.8	156
30	Efficient and rapid experimental procedure for the synthesis of furan diol from d-glucal using ionic liquid. <i>Tetrahedron Letters</i> , 2007 , 48, 7926-7929	2	11
29	Properties of ionic liquid HMIMPF ₆ with carbonates, ketones and alkyl acetates. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 651-661	2.9	115
28	Temperature Dependence of Physical Properties of Ionic Liquid 1,3-Dimethylimidazolium Methyl Sulfate. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 952-954	2.8	109
27	Physical Properties of Pure 1-Ethyl-3-methylimidazolium Ethylsulfate and Its Binary Mixtures with Ethanol and Water at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 2096-2102	2.8	322
26	HMImPF ₆ ionic liquid that separates the azeotropic mixture ethanol + heptane. <i>Green Chemistry</i> , 2006 , 8, 307	10	89
25	A new antibacterial clerodane diterpenoid from the resinous exudate of <i>Haplopappus uncinatus</i> . <i>Journal of Ethnopharmacology</i> , 2006 , 103, 297-301	5	27
24	Dynamic Viscosities of a Series of 1-Alkyl-3-methylimidazolium Chloride Ionic Liquids and Their Binary Mixtures with Water at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 696-701	2.8	259
23	Quantitation of α and β -carrageenans by mid-infrared spectroscopy and PLS regression. <i>Analytica Chimica Acta</i> , 2003 , 480, 23-37	6.6	128
22	A simple ¹ H NMR method for the quantification of carrageenans in blends. <i>Carbohydrate Polymers</i> , 2003 , 53, 325-329	10.3	42
21	Chemical composition of carrageenan blends determined by IR spectroscopy combined with a PLS multivariate calibration method. <i>Carbohydrate Research</i> , 2003 , 338, 1309-12	2.9	27
20	Immunohistochemical detection of P-glycoprotein (PGP) and multidrug resistance-associated protein (MRP) in canine cutaneous mast cell tumors. <i>Journal of Veterinary Medical Science</i> , 2002 , 64, 531-3	1.1	15
19	Clerodane diterpenes from <i>Haplopappus deserticola</i> . <i>Phytochemistry</i> , 1999 , 52, 1531-1533	4	13
18	Acylated flavonoids from pseudognaphalium species. <i>Journal of Natural Products</i> , 1999 , 62, 381-2	4.9	7
17	Antimicrobial study of the resinous exudate and of diterpenoids isolated from <i>Eupatorium salvia</i> (Asteraceae). <i>Journal of Ethnopharmacology</i> , 1998 , 62, 251-4	5	46

16	Beam bunching of the radioactive nuclear beam in a 6.4 GHz electron cyclotron resonance ion source. <i>Review of Scientific Instruments</i> , 1998 , 69, 770-772	1.7	5
15	A diterpene xyloside from the resinous exudate of <i>Haplopappus diplopappus</i> . <i>Phytochemistry</i> , 1995 , 38, 555-556	4	13
14	(-)-Jaboromagellonine: New Withanolide from Seeds of <i>Jaborosa magellanica</i> . <i>Heterocycles</i> , 1993 , 36, 1771	0.8	7
13	Alkaloids from <i>Sarcocapnos enneaphylla</i> . <i>Phytochemistry</i> , 1991 , 30, 1005-1010	4	26
12	Alkaloids from spanish <i>Sarcocapnos</i> species. <i>Phytochemistry</i> , 1991 , 30, 1175-1182	4	7
11	(+)-Narcidine, a New Alkaloid from <i>Narcissus pseudonarcissus</i> . <i>Journal of Natural Products</i> , 1991 , 54, 1387-1388	4.9	10
10	Two Trioxygenated Phenethylisoquinoline Alkaloids from <i>Colchicum szovitsii</i> . <i>Journal of Natural Products</i> , 1990 , 53, 634-637	4.9	11
9	The Dibenzocycloheptylamine Alkaloids. <i>Journal of Natural Products</i> , 1989 , 52, 1163-1166	4.9	8
8	The Homoaporphine Alkaloids of <i>Androcymbium palaestinum</i> . <i>Journal of Natural Products</i> , 1989 , 52, 1055-1059	4.9	5
7	The Homoaporphine Alkaloids. <i>Journal of Natural Products</i> , 1989 , 52, 909-921	4.9	27
6	O-Methylpallidine N-oxide, the First Morphinandienone N-oxide Alkaloid. <i>Journal of Natural Products</i> , 1989 , 52, 415-416	4.9	7
5	Synthesis of Norsesecularines. <i>Heterocycles</i> , 1988 , 27, 2367	0.8	6
4	Enneaphylline, Sarcophylline and Norsarcocapnidine, New Phenolic Cularines from <i>Sarcocapnos</i> Plants. <i>Heterocycles</i> , 1987 , 26, 29	0.8	3
3	New Secocularine Alkaloids from <i>Sarcapnos</i> Species. <i>Heterocycles</i> , 1987 , 26, 591	0.8	2
2	(+)-4-Hydroxysarcocapnine: Structure and stereochemical considerations. <i>Tetrahedron Letters</i> , 1984 , 25, 4573-4576	2	6
1	New oxidized isocularine alkaloids from <i>sarcocapnos</i> plants. <i>Tetrahedron Letters</i> , 1984 , 25, 5933-5936	2	20