

# Emilia Tojo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5793376/publications.pdf>

Version: 2024-02-01

71  
papers

2,793  
citations

218381

26  
h-index

174990

52  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2968  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Properties of Pure 1-Ethyl-3-methylimidazolium Ethylsulfate and Its Binary Mixtures with Ethanol and Water at Several Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 2096-2102.	1.0	340
2	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 &amp; Engineering Data</i> , 2006, 51, 696-701.	1.0	288
3	Physical Properties of 1-Butyl-3-methylimidazolium Methyl Sulfate as a Function of Temperature. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 377-380.	1.0	168
4	Quantitation of $\hat{\text{I}}^{\text{e}}$ , $\hat{\text{I}}^{\text{l}}$ - and $\hat{\text{I}}^{\text{v}}$ -carrageenans by mid-infrared spectroscopy and PLS regression. <i>Analytica Chimica Acta</i> , 2003, 480, 23-37.	2.6	158
5	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.	4.6	154
6	Properties of ionic liquid HMIMPF6 with carbonates, ketones and alkyl acetates. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 651-661.	1.0	124
7	Temperature Dependence of Physical Properties of Ionic Liquid 1,3-Dimethylimidazolium Methyl Sulfate. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 952-954.	1.0	116
8	Toxicity and biodegradability of dicationic ionic liquids. <i>RSC Advances</i> , 2014, 4, 5198.	1.7	102
9	HMImPF6 ionic liquid that separates the azeotropic mixture ethanol + heptane. <i>Green Chemistry</i> , 2006, 8, 307.	4.6	92
10	Pyridinium based dicationic ionic liquids as base lubricants or lubricant additives. <i>Tribology International</i> , 2015, 82, 245-254.	3.0	68
11	A simple, efficient and green procedure for Knoevenagel reaction in [MMIm][MSO4] ionic liquid. <i>Catalysis Communications</i> , 2008, 9, 1779-1781.	1.6	66
12	Performance of PEMFC with new polyvinyl-ionic liquids based membranes as electrolytes. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 3970-3977.	3.8	58
13	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.	4.6	51
14	Antimicrobial study of the resinous exudate and of diterpenoids isolated from <i>Eupatorium salvia</i> (Asteraceae). <i>Journal of Ethnopharmacology</i> , 1998, 62, 251-254.	2.0	50
15	A simple <sup>1</sup> H NMR method for the quantification of carrageenans in blends. <i>Carbohydrate Polymers</i> , 2003, 53, 325-329.	5.1	49
16	Knoevenagel Reaction in [MMIm][MSO4]: Synthesis of Coumarins. <i>Molecules</i> , 2011, 16, 4379-4388.	1.7	43
17	Pyrrrolidinium 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.	1.0	43
18	Physicochemical Characterization of New Sulfate Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 14-20.	1.0	37

#	ARTICLE	IF	CITATIONS
19	Alkaloids from <i>Sarcocapnos enneaphylla</i> . <i>Phytochemistry</i> , 1991, 30, 1005-1010.	1.4	36
20	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.	1.0	36
21	Chemical composition of carrageenan blends determined by IR spectroscopy combined with a PLS multivariate calibration method. <i>Carbohydrate Research</i> , 2003, 338, 1309-1312.	1.1	32
22	A new antibacterial clerodane diterpenoid from the resinous exudate of <i>Haplopappus uncinatus</i> . <i>Journal of Ethnopharmacology</i> , 2006, 103, 297-301.	2.0	32
23	Revealing the Charge Transport Mechanism in Polymerized Ionic Liquids: Insight from High Pressure Conductivity Studies. <i>Chemistry of Materials</i> , 2017, 29, 8082-8092.	3.2	32
24	The Homoaporphine Alkaloids. <i>Journal of Natural Products</i> , 1989, 52, 909-921.	1.5	29
25	Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2560-2572.	1.3	29
26	TRANSPORT PROPERTIES FOR 1-ETHYL-3-METHYLIMIDAZOLIUM n-ALKYL SULFATES: POSSIBLE EVIDENCE OF GROTTTHUSS MECHANISM. <i>Electrochimica Acta</i> , 2017, 231, 94-102.	2.6	29
27	New oxidized isocularine alkaloids from <i>sarcocapnos</i> plants. <i>Tetrahedron Letters</i> , 1984, 25, 5933-5936.	0.7	26
28	Extractive denitrogenation of model oils with tetraalkyl substituted pyridinium based ionic liquids. <i>Fluid Phase Equilibria</i> , 2015, 396, 66-73.	1.4	26
29	Dicationic ionic liquids as lubricants. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2012, 226, 952-964.	1.0	25
30	Ethylene glycol-based ionic liquids via azide/alkyne click chemistry. <i>Journal of Polymer Science Part A</i> , 2013, 51, 190-202.	2.5	24
31	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.	3.2	22
32	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of <i>Escherichia Coli</i> Cells. <i>ChemPhysChem</i> , 2019, 20, 727-735.	1.0	22
33	Fuel cell electrolyte membranes based on copolymers of protic ionic liquid [HSO <sub>3</sub> -BVIm][TfO] with MMA and hPFSVE. <i>Polymer</i> , 2019, 179, 121583.	1.8	21
34	Recovery of flavonoids using novel biodegradable choline amino acids ionic liquids based ATPS. <i>Fluid Phase Equilibria</i> , 2019, 493, 1-9.	1.4	20
35	Physicochemical Characterization of New Sulfonate and Sulfate Ammonium Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 241-248.	1.0	19
36	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.	3.2	19

#	ARTICLE	IF	CITATIONS
37	Immunohistochemical Detection of P-Glycoprotein (PGP) and Multidrug Resistance-Associated Protein (MRP) in Canine Cutaneous Mast Cell Tumors.. Journal of Veterinary Medical Science, 2002, 64, 531-533.	0.3	18
38	A mild and efficient way to prepare $\hat{\mu}$ -caprolactam by using a novel salt related with ionic liquids. Tetrahedron Letters, 2010, 51, 4125-4128.	0.7	18
39	Long-term thermal stabilities of ammonium ionic liquids designed as potential absorbents of ammonia. RSC Advances, 2015, 5, 41278-41284.	1.7	16
40	(+)-Narcidine, a New Alkaloid from Narcissus pseudonarcissus. Journal of Natural Products, 1991, 54, 1387-1388.	1.5	15
41	Physicochemical properties of 2-alkyl-1-ethylpyridinium based ionic liquids. Fluid Phase Equilibria, 2016, 428, 112-120.	1.4	15
42	Synthesis of (3-Methoxycarbonyl)coumarin in an Ionic Liquid: An Advanced Undergraduate Project for Green Chemistry. Journal of Chemical Education, 2017, 94, 505-509.	1.1	15
43	New Active Pharmaceutical Ingredient-Ionic Liquids (API-ILs) Derived from Indomethacin and Mebendazole. Proceedings (mdpi), 2019, 9, 48.	0.2	15
44	Efficient and rapid experimental procedure for the synthesis of furan diol from d-glucal using ionic liquid. Tetrahedron Letters, 2007, 48, 7926-7929.	0.7	14
45	Synthesis and properties of novel chiral imidazolium-based ionic liquids derived from carvone. RSC Advances, 2016, 6, 31177-31180.	1.7	14
46	A diterpene xyloside from the resinous exudate of Haplopappus diplopappus. Phytochemistry, 1995, 38, 555-556.	1.4	13
47	Clerodane diterpenes from Haplopappus deserticola. Phytochemistry, 1999, 52, 1531-1533.	1.4	13
48	Ionic Liquids Derived from Proline: Application as Surfactants. ChemPhysChem, 2018, 19, 2885-2893.	1.0	13
49	Two Trioxygenated Phenethylisoquinoline Alkaloids from Colchicum szovitsii. Journal of Natural Products, 1990, 53, 634-637.	1.5	12
50	Acylated Flavonoids from Pseudognaphalium Species. Journal of Natural Products, 1999, 62, 381-382.	1.5	11
51	A new procedure to obtain $\hat{\mu}$ -caprolactam catalyzed by a guanidinium salt. New Journal of Chemistry, 2017, 41, 12830-12834.	1.4	10
52	Imidazolium decyl sulfate: a very promising selfmade ionic hydrogel. Materials Chemistry Frontiers, 2018, 2, 505-513.	3.2	9
53	The Dibenzocycloheptylamine Alkaloids. Journal of Natural Products, 1989, 52, 1163-1166.	1.5	8
54	O-Methylpallidine N-oxide, the First Morphinandienone N-oxide Alkaloid. Journal of Natural Products, 1989, 52, 415-416.	1.5	8

#	ARTICLE	IF	CITATIONS
55	(-)-Jaboromagellonine: New Withanolide from Seeds of <i>Jaborosa magellanica</i> . <i>Heterocycles</i> , 1993, 36, 1771.	0.4	8
56	Alkaloids from spanish <i>Sarcocapnos</i> species. <i>Phytochemistry</i> , 1991, 30, 1175-1182.	1.4	7
57	Use of Ionic Liquid as Solvent in the Oxidation of Furans with Singlet Oxygen. <i>Synthesis</i> , 2010, 2010, 3415-3417.	1.2	7
58	Synthesis of Norscocularines. <i>Heterocycles</i> , 1988, 27, 2367.	0.4	7
59	(+)-4-Hydroxysarcocapnine: Structure and stereochemical considerations. <i>Tetrahedron Letters</i> , 1984, 25, 4573-4576.	0.7	6
60	Design and synthesis of alverine-based ionic liquids to improve drug water solubility. <i>New Journal of Chemistry</i> , 2020, 44, 20428-20433.	1.4	6
61	The Homoaporphine Alkaloids of <i>Androcymbium palaestinum</i> . <i>Journal of Natural Products</i> , 1989, 52, 1055-1059.	1.5	5
62	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.	0.6	5
63	A mild and efficient procedure for alkenols oxyselenocyclization by using ionic liquids. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3928.	0.9	5
64	Enneaphylline, Sarcophylline and Norsarcocapnidine, New Phenolic Cularines from <i>Sarcocapnos</i> Plants. <i>Heterocycles</i> , 1987, 26, 29.	0.4	4
65	New Secocularine Alkaloids from <i>Sarcapnos</i> Species. <i>Heterocycles</i> , 1987, 26, 591.	0.4	4
66	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.	1.5	2
67	Design and Characterization of Naphthalene Ionic Liquids. <i>Frontiers in Chemistry</i> , 2020, 8, 208.	1.8	2
68	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.	1.4	2
69	A Comparative Phytochemical Study of Spanish <i>Sarcocapnos</i> Species. <i>Planta Medica</i> , 1990, 56, 511-511.	0.7	0
70	Development of Novel API-ILs for the Optimization of Anti-Alzheimer Drugs. <i>Proceedings (mdpi)</i> , 2018, 9, .	0.2	0
71	STATUS OF THE INS ECR ION SOURCE. <i>Journal De Physique Colloque</i> , 1989, 50, C1-799-C1-806.	0.2	0