

Caroline R Bender

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Antifungal Activity and Stability of Fluconazole Emulsion Containing Ionic Liquids Explained by Intermolecular Interactions. <i>Pharmaceutics</i> , 2022, 14, 710.	4.5	1
2	Thermodynamics of aggregation and modulation of Rheo-Thermal properties of hydroxypropyl cellulose by imidazolium ionic liquids. <i>Journal of Molecular Liquids</i> , 2022, 359, 119314.	4.9	4
3	Effect of dicationic ionic liquids on cloud points of tergitol surfactant and the formation of aqueous micellar two-phase systems. <i>Journal of Materials Science</i> , 2021, 56, 12171-12182.	3.7	3
4	SALA DE AULA INVERTIDA: PERCEPÇÕES DOCENTES E DISCENTES A PARTIR DE UM RELATO DE EXPERIÊNCIA DAS AULAS DE TÓPICOS EM QUÍMICA NA PÓS-GRADUAÇÃO. <i>Revista Brasileira De Ensino De Ciências E Matemática</i> , 2021, 4, .	0.1	1
5	Effect of large anions in thermal properties and cation-anion interaction strength of dicationic ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 298, 112077.	4.9	11
6	Thermodynamics of the aggregation of imidazolium ionic liquids with sodium alginate or hydroxamic alginate in aqueous solution. <i>Journal of Molecular Liquids</i> , 2020, 297, 111734.	4.9	9
7	Supramolecular Similarity in Polymorphs: Use of Similarity Indices ($I_{sup>X</sup>}$). <i>ACS Omega</i> , 2019, 4, 9697-9709.	3.5	15
8	Preparation, characterization and in vitro cytotoxicity study of dronedarone hydrochloride inclusion complexes. <i>Materials Science and Engineering C</i> , 2019, 100, 48-61.	7.3	14
9	Effect of mono- and dicationic ionic liquids on the viscosity and thermogelation of methylcellulose in the semi-diluted regime. <i>Carbohydrate Polymers</i> , 2019, 214, 174-185.	10.2	12
10	Heteroassembly Ability of Dicationic Ionic Liquids and Neutral Active Pharmaceutical Ingredients. <i>ACS Omega</i> , 2018, 3, 2282-2291.	3.5	15
11	Insights on the Similarity of Supramolecular Structures in Organic Crystals Using Quantitative Indexes. <i>ACS Omega</i> , 2018, 3, 2569-2578.	3.5	21
12	Impact of Anions on the Partition Constant, Self-Diffusion, Thermal Stability, and Toxicity of Dicationic Ionic Liquids. <i>ACS Omega</i> , 2018, 3, 734-743.	3.5	14
13	Models for understanding the structural effects on the cation-anion interaction strength of dicationic ionic liquids. <i>Journal of Molecular Liquids</i> , 2018, 252, 184-193.	4.9	11
14	Understanding the crystalline formation of triazene <i>N</i> -oxides and the role of halogen interactions. <i>CrystEngComm</i> , 2018, 20, 96-112.	2.6	30
15	Conformer Distribution in Rotaxanes Containing Nonsymmetric Threads: A Systematic Approach. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4978-4990.	2.4	12
16	Insights on conformation in the solid state: a case study of <i>cis</i> and/or <i>trans</i> crystallization of 5(3)-aryl-3(5)-carboxyethyl-1- <i>tert</i> -butylpyrazoles. <i>CrystEngComm</i> , 2018, 20, 5154-5168.	2.6	11
17	Effect of slight structural changes on the gelation properties of <i>N</i> -phenylstearamide supramolecular gels. <i>Soft Matter</i> , 2018, 14, 6716-6727.	2.7	10
18	Interaction of pharmaceutical ionic liquids with TiO ₂ in anatase and rutile phase. <i>Journal of Molecular Liquids</i> , 2018, 269, 912-919.	4.9	9

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19	Thermodynamic Insights into the Binding of Mono- and Dicationic Imidazolium Surfactant Ionic Liquids with Methylcellulose in the Diluted Regime. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8385-8398.	2.6	28
20	Synthesis, effect of substituents on the regiochemistry and equilibrium studies of tetrazolo[1,5- <i>a</i>]pyrimidine/2-azidopyrimidines. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2396-2407.	2.2	14
21	Regiochemistry of cyclocondensation reactions in the synthesis of polyazaheterocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 257-266.	2.2	7
22	RESVERATROL INCLUSION COMPLEX WITH β -CYCLODEXTRIN (RCD): CHARACTERIZATION AND EVALUATION OF TOXICITY IN WISTAR RATS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 9, 27.	0.3	2
23	Elucidating Anion Effect on Nanostructural Organization of Dicationic Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14402-14409.	3.1	15
24	Thermodynamic properties of the aggregation behavior of a dicationic ionic liquid determined by different methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 494, 1-8.	4.7	14
25	Anion effect on the aggregation behavior of the long-chain spacers dicationic imidazolium-based ionic liquids. <i>Colloid and Polymer Science</i> , 2015, 293, 2901-2910.	2.1	30
26	Effect of diselenide administration in thioacetamide-induced acute neurological and hepatic failure in mice. <i>Toxicology Research</i> , 2015, 4, 707-717.	2.1	12
27	Effect on aggregation behavior of long-chain spacers of dicationic imidazolium-based ionic liquids in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 285-294.	4.7	53
28	Energetic and topological insights into the supramolecular structure of dicationic ionic liquids. <i>CrystEngComm</i> , 2015, 17, 2996-3004.	2.6	26
29	Synthesis of 1,3,4-oxadiazole derivatives from α -amino acid and acyl hydrazides under thermal heating or microwave irradiation conditions. <i>Arkivoc</i> , 2015, 2015, 131-144.	0.5	5
30	Ionic liquid/HCl catalyzed synthesis of 4-(trifluoromethyl)-2(1H)-pyrimidinones. <i>Monatshefte für Chemie</i> , 2014, 145, 797-801.	1.8	3
31	How Mechanical and Chemical Features Affect the Green Synthesis of 1 <i>H</i> -Pyrazoles in a Ball Mill. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1895-1901.	6.7	31
32	Preparation of TiO ₂ Nanoparticles Coated with Ionic Liquids: A Supramolecular Approach. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11536-11543.	8.0	64
33	Evaluation of in vitro antioxidant effect of new mono and diselenides. <i>Toxicology in Vitro</i> , 2013, 27, 1433-1439.	2.4	62
34	CuO nano particles and [bmim]BF ₄ : an application towards the synthesis of chiral β -seleno amino derivatives via ring opening reaction of aziridines with diorganyl diselenides. <i>RSC Advances</i> , 2012, 2, 8478.	3.6	33
35	Structural and Physical Aspects of Ionic Liquid Aggregates in Solution. , 0, , .		4
36	Thermal Stability and Kinetic of Decomposition of Mono- and Dicationic Imidazolium-Based Ionic Liquids. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3