

Irina Lijanova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Some polymeric imidazolates from alkylimidazolium as corrosion inhibitors of API 5L X52 steel in production water. <i>Journal of Adhesion Science and Technology</i> , 2022, 36, 845-874.	1.4	6
2	A complete in-situ analysis of UV-vis and 2D-FTIR spectra of the molecular interaction between RO16 (azo dye) and synthesized ammonium-based ionic liquids. <i>Separation and Purification Technology</i> , 2021, 254, 117652.	3.9	6
3	Corrosion resistance of the dissimilar alloy AL6XN-Inconel 718 in 0.5 M NaCl. <i>Materials Research Express</i> , 2021, 8, 086509.	0.8	0
4	Synthesis of PAMAM dendrimers with porphyrin core and functionalized periphery as templates of metal composite materials and their toxicity evaluation. <i>Arabian Journal of Chemistry</i> , 2020, 13, 27-36.	2.3	19
5	Photophysics and photochemistry of porphyrin core PAMAM dendrimers. Excited states interaction with quinones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112167.	2.0	9
6	Theoretical and experimental study of the anion carboxylate in quaternary-ammonium-derived ionic liquids for inhibiting the corrosion of API X60 steel in 1M H ₂ SO ₄ . <i>Journal of Molecular Liquids</i> , 2020, 318, 114075.	2.3	16
7	Macroscopic visual displacement of a polymer solution for enhanced oil recovery: Hele-Shaw cell experiments and computational simulation. <i>Revista Mexicana De Física</i> , 2020, 66, 273-282.	0.2	1
8	Extraction of reactive dyes from aqueous solutions by halogen-free ionic liquids. <i>Coloration Technology</i> , 2019, 135, 417-426.	0.7	4
9	Effect of organic anions on ionic liquids as corrosion inhibitors of steel in sulfuric acid solution. <i>Journal of Molecular Liquids</i> , 2019, 279, 267-278.	2.3	62
10	Effect of the TiO ₂ Anchoring of a Hydrophobic Ionic Liquid in a Fully Aqueous DSSC. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 1708-1715.	1.5	2
11	PAMAM dendrimers with a porphyrin core as highly selective binders of Li ⁺ in an alkaline mixture. A spectroscopic study. <i>New Journal of Chemistry</i> , 2019, 43, 16246-16254.	1.4	4
12	Novel PAMAM dendrimers with porphyrin core as potential photosensitizers for PDT applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 71-76.	2.0	21
13	Study of Surface Wettability Change of Unconsolidated Sand Using Diffuse Reflectance Infrared Fourier Transform Spectroscopy and Thermogravimetric Analysis. <i>Applied Spectroscopy</i> , 2018, 72, 562-572.	1.2	3
14	Synthesis and corrosion inhibition mechanism of ammonium-based ionic liquids on API 5L X60 steel in sulfuric acid solution. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1092-1113.	1.4	26
15	Adsorption and performance of ammonium-based ionic liquids as corrosion inhibitors of steel. <i>Journal of Molecular Liquids</i> , 2018, 265, 151-163.	2.3	117
16	CO ₂ /N ₂ separation using alumina supported membranes based on new functionalized ionic liquids. <i>Separation and Purification Technology</i> , 2017, 182, 59-68.	3.9	24
17	Use of the ionic liquid trioctylmethyl ammonium dodecanedioate as a corrosion inhibitor of steel in production water. <i>Research on Chemical Intermediates</i> , 2017, 43, 641-660.	1.3	13
18	New Synthesis, Structure and Analgesic Properties of Methyl 1-R-4-Methyl-2,2-Dioxo-1H-2H-1,1-Benzothiazine-3-Carboxylates. <i>Scientia Pharmaceutica</i> , 2017, 85, 2.	0.7	10

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19	Crystal structure of methyl 1-allyl-4-methyl-1H-benzo[c][1,2]thiazine-3-carboxylate 2,2-dioxide. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1574-1576.	0.2	3
20	PAMAM dendrimers with porphyrin core: synthesis and metal-chelating behavior. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 84, 49-60.	0.9	17
21	Emulsion flooding for enhanced oil recovery: Filtration model and numerical simulation. Journal of Petroleum Science and Engineering, 2016, 143, 235-244.	2.1	42
22	Synthesis of porphyrins as precursors to PAMAM dendrimers and their metal chelating properties. European Journal of Chemistry, 2016, 7, 49-55.	0.3	2
23	Synthesis of ionic liquids and their use for extracting nitrogen compounds from gas oil feeds towards diesel fuel production. Fuel Processing Technology, 2015, 130, 38-45.	3.7	31
24	The Inhibition of Aluminum Corrosion in Sulfuric Acid by Poly(1-vinyl-3-alkyl-imidazolium) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50,542 Td (H	1.3	65
25	The removal of heavy metal cations from an aqueous solution using ionic liquids. Canadian Journal of Chemical Engineering, 2014, 92, 1875-1881.	0.9	22
26	Adsorption and Corrosion Inhibition Performance by Three New Ionic Liquids on API 5L X52 Steel Surface in Acid Media. Industrial & Engineering Chemistry Research, 2014, 53, 9534-9543.	1.8	64
27	Synthesis and NLO behavior of Oligo(phenylenevinylene)-Porphyrin Dendrimers. Dyes and Pigments, 2013, 96, 125-129.	2.0	9
28	A New Route for the Synthesis of Methylene Dibenzoate by Using An Ionic Liquid. Current Organic Chemistry, 2013, 17, 79-82.	0.9	4
29	Synthesis and Optical Properties of Double Antenna Pyrene-OPV- Fullerene C ₆₀ . Fullerenes Nanotubes and Carbon Nanostructures, 2012, 20, 249-265.	1.0	3
30	Synthesis of PAMAM dendrimers with a resorcinarene core and their metal complexation. Supramolecular Chemistry, 2012, 24, 56-64.	1.5	6
31	Anticancer Activity and Anti-inflammatory Studies of 5-Aryl-1,4-benzodiazepine Derivatives. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 611-618.	0.9	22
32	Synthesis of 5-aryl-1,4-benzodiazepine derivatives attached in resorcinaren-PAMAM dendrimers and their anti-cancer activity. Bioorganic and Medicinal Chemistry, 2012, 20, 415-421.	1.4	24
33	Synthesis of Porphyrin-Dendrimers with a Pyrene in the Periphery and Their Cubic Nonlinear Optical Properties. Molecules, 2011, 16, 6950-6968.	1.7	11
34	Dendrimers Containing Ferrocene and Porphyrin Moieties: Synthesis and Cubic Non-Linear Optical Behavior. Molecules, 2010, 15, 2564-2575.	1.7	13
35	Fullerene-Oligomers with OPV Moieties. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 18, 244-250.	1.0	1
36	Resorcinarene-dendrimers with stilbene moieties for optoelectronics. Tetrahedron, 2008, 64, 10258-10266.	1.0	14

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37	Supramolecular Complexes between β -undecylresorcinarene \cdot Oligo(phenylenevinylene) \cdot Dendrimers and Fullerene C ₆₀ . Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 306-313.	1.0	5
38	Highly Fluorescent Dendrimers Containing Stilbene, and 4-Styrylstilbene with Resorcinarene Cores: Synthesis and Optical Properties. Journal of Nanoscience and Nanotechnology, 2007, 7, 3607-3614.	0.9	6