Andrea Mele

List of Publications by Year
in descending order

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230	6,979	66234	91712
papers	citations	42 h-index	69 g-index

273	273	273	7358
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of organic cations in locally concentrated ionic liquid electrolytes on the electrochemical performance of lithium metal batteries. Energy Storage Materials, 2022, 44, 370-378.	9.5	31
2	Synthesis of Chiral Ionic Liquids from Natural Monosaccharides. European Journal of Organic Chemistry, 2022, 2022, .	1.2	3
3	Promising Lipophilic PyTri Extractant for Selective Trivalent Actinide Separation from High Active Raffinate. Industrial & Engineering Chemistry Research, 2022, 61, 4436-4444.	1.8	2
4	DifluorobenzeneâEBased Locally Concentrated Ionic Liquid Electrolyte Enabling Stable Cycling of Lithium Metal Batteries with NickelâERich Cathode. Advanced Energy Materials, 2022, 12, .	10.2	31
5	Interfacial Water and Microheterogeneity in Aqueous Solutions of Ionic Liquids. Journal of Physical Chemistry B, 2022, 126, 4299-4308.	1.2	5
6	Polar/apolar domains' dynamics in alkylimidazolium ionic liquids unveiled by the dual receiver NMR 1H and 19F relaxation experiment. Journal of Molecular Liquids, 2021, 322, 114567.	2.3	12
7	Connecting chloride solvation with hydration in deep eutectic systems. Physical Chemistry Chemical Physics, 2021, 23, 107-111.	1.3	37
8	Insight into the thermal stability of DNA in hydrated ionic liquids from multi-wavelength UV resonance Raman experiments. Physical Chemistry Chemical Physics, 2021, 23, 15980-15988.	1.3	6
9	Unconventional reactivity of epichlorohydrin in the presence of triphenylphosphine: isolation of ((1,4-dioxane-2,5-diyl)-bis-(methylene))-bis-(triphenylphosphonium) chloride. Research on Chemical Intermediates, 2021, 47, 1663-1674.	1.3	3
10	Base-specific pre-melting and melting transitions of DNA in presence of ionic liquids probed by synchrotron-based UV resonance Raman scattering. Journal of Molecular Liquids, 2021, 330, 115433.	2.3	8
11	Liquid structure and dynamics in the choline acetate:urea 1:2 deep eutectic solvent. Journal of Chemical Physics, 2021, 154, 244501.	1.2	17
12	Xenon Diffusion in Ionic Liquids with Blurred Nanodomain Separation. ChemPhysChem, 2021, 22, 1880-1890.	1.0	6
13	Effect of Hydrated Deep Eutectic Solvents on the Thermal Stability of DNA. Crystals, 2021, 11, 1057.	1.0	6
14	Deep eutectics and analogues as electrolytes in batteries. Journal of Molecular Liquids, 2021, 338, 116597.	2.3	48
15	In Competition for Water: Hydrated Choline Chloride:Urea vs Choline Acetate:Urea Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2021, 9, 12262-12273.	3.2	26
16	The Intermolecular NOE Depends on Isotope Selection: Short Range vs Long Range Behavior. Journal of Physical Chemistry Letters, 2021, 12, 8658-8663.	2.1	6
17	Deep Eutectic Solvents: Promising Co-solvents to Improve the Extraction Kinetics of CyMe₄-BTBP. ACS Omega, 2021, 6, 3602-3611.	1.6	5
18	Î²-Cyclodextrin Nanosponge Hydrogels as Drug Delivery Nanoarchitectonics for Multistep Drug Release Kinetics. ACS Applied Polymer Materials, 2021, 3, 6562-6571.	2.0	17

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19	TEMPO-Nanocellulose/Ca2+ Hydrogels: Ibuprofen Drug Diffusion and In Vitro Cytocompatibility. Materials, 2020, 13, 183.	1.3	37
20	From deep eutectic solvents to deep band gap systems. Journal of Molecular Liquids, 2020, 301, 112441.	2.3	12
21	Response Surface Analysis of density and flash point in recycled Waste Cooking Oils. Chemical Data Collections, 2020, 25, 100329.	1.1	7
22	Xenon Dynamics in Ionic Liquids: A Combined NMR and MD Simulation Study. Journal of Physical Chemistry B, 2020, 124, 6617-6627.	1.2	12
23	Adsorption of Chiral [5]-Aza[5]helicenes on DNA Can Modify Its Hydrophilicity and Affect Its Chiral Architecture: A Molecular Dynamics Study. Materials, 2020, 13, 5031.	1.3	4
24	Purification of Kraft cellulose under mild conditions using choline acetate based deep eutectic solvents. Green Chemistry, 2020, 22, 8680-8691.	4.6	43
25	HR-MAS NMR Spectroscopy: novel technologies to measure delivery performance. , 2020, , 83-107.		0
26	An Integrated Approach to Optimizing Cellulose Mercerization. Polymers, 2020, 12, 1559.	2.0	22
27	Deep eutectic solvent as solvent and catalyst: one-pot synthesis of 1,3-dinitropropanesviatandem Henry reaction/Michael addition. Organic and Biomolecular Chemistry, 2020, 18, 8395-8401.	1.5	8
28	Inclusion complexes of tricyclic drugs and Î²-cyclodextrin: Inherent chirality and dynamic behaviour. International Journal of Pharmaceutics, 2020, 588, 119775.	2.6	2
29	Magnetic Resonance Imaging and Molecular Dynamics Characterization of Ionic Liquid in Poly(ethylene oxide)-Based Polymer Electrolytes. ACS Applied Materials & Interfaces, 2020, 12, 23800-23811.	4.0	8
30	Drug encapsulation and chiral recognition in deep eutectic solvents/Î²-cyclodextrin mixtures. Journal of Molecular Liquids, 2020, 311, 113279.	2.3	19
31	Anions as Dynamic Probes for Ionic Liquid Mixtures. Journal of Physical Chemistry B, 2020, 124, 2879-2891.	1.2	19
32	Available Technologies and Materials for Waste Cooking Oil Recycling. Processes, 2020, 8, 366.	1.3	74
33	A community-built calibration system: The case study of quantification of metabolites in grape juice by qNMR spectroscopy. Talanta, 2020, 214, 120855.	2.9	14
34	Band-Gap Energies of Choline Chloride and Triphenylmethylphosphoniumbromide-Based Systems. Molecules, 2020, 25, 1495.	1.7	15
35	NMR Determination of Free Fatty Acids in Vegetable Oils. Processes, 2020, 8, 410.	1.3	72
36	Structural properties of the chelating agent 2,6-bis(1-(3-hydroxypropyl)-1,2,3-triazol-4-yl)pyridine: a combined XRD and DFT structural study. RSC Advances, 2020, 10, 19629-19635.	1.7	2

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37	Improving the recycling technology of waste cooking oils: Chemical fingerprint as tool for non-biodiesel application. Waste Management, 2019, 96, 1-8.	3.7	27
38	Innovative applications of waste cooking oil as raw material. Science Progress, 2019, 102, 153-160.	1.0	38
39	Radiolytic degradation of hydrophilic PyTri ligands for minor actinide recycling. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1663-1673.	0.7	10
40	Do Cyclodextrins Encapsulate Volatiles in Deep Eutectic Systems?. ACS Sustainable Chemistry and Engineering, 2019, 7, 17397-17405.	3.2	26
41	Evidence of superdiffusive nanoscale motion in anionic polymeric hydrogels: Analysis of PGSE- NMR data and comparison with drug release properties. Journal of Controlled Release, 2019, 305, 110-119.	4.8	13
42	Unraveling the Degradation Mechanism in FIrpic-Based Blue OLEDs: II. Trap and Detect Molecules at the Interfaces. Chemistry of Materials, 2019, 31, 2277-2285.	3.2	27
43	Effect of Water on Deep Eutectic Solvent/Î²-Cyclodextrin Systems. ACS Sustainable Chemistry and Engineering, 2019, 7, 7277-7285.	3.2	52
44	On the structural origin of free volume in 1-alkyl-3-methylimidazolium ionic liquid mixtures: a SAXS and 129Xe NMR study. Physical Chemistry Chemical Physics, 2019, 21, 5999-6010.	1.3	21
45	Actinideâ€“lanthanide co-extraction by rigidified diglycolamides. Solvent Extraction and Ion Exchange, 2018, 36, 41-53.	0.8	6
46	Structural and molecular response in cyclodextrin-based pH-sensitive hydrogels by the joint use of Brillouin, UV Raman and Small Angle Neutron Scattering techniques. Journal of Molecular Liquids, 2018, 271, 738-746.	2.3	6
47	Investigation of Li+ Cation Coordination and Transportation, by Molecular Modeling and NMR Studies, in a LiNTf2-Doped Ionic Liquidâ€“Vinylene Carbonate Mixture. Journal of Physical Chemistry B, 2018, 122, 8560-8569.	1.2	23
48	SANS investigation of water adsorption in tunable cyclodextrin-based polymeric hydrogels. Physical Chemistry Chemical Physics, 2017, 19, 6022-6029.	1.3	15
49	On the parallelism between the mechanisms behind chromatography and drug delivery: the role of interactions with a stationary phase. Physical Chemistry Chemical Physics, 2017, 19, 11518-11528.	1.3	8
50	Direct experimental observation of mesoscopic fluorous domains in fluorinated room temperature ionic liquids. Physical Chemistry Chemical Physics, 2017, 19, 13101-13110.	1.3	32
51	Non-destructive and direct determination of the degree of substitution of carboxymethyl cellulose by HR-MAS 13C NMR spectroscopy. Carbohydrate Polymers, 2017, 169, 16-22.	5.1	16
52	From Nanoscale to Microscale: Crossover in the Diffusion Dynamics within Two Pyrrolidinium-Based Ionic Liquids. Journal of Physical Chemistry Letters, 2017, 8, 5196-5202.	2.1	23
53	Correlation between collective and molecular dynamics in pH-responsive cyclodextrin-based hydrogels. Physical Chemistry Chemical Physics, 2017, 19, 22555-22563.	1.3	13
54	NMR Metabolomics for Stem Cell type discrimination. Scientific Reports, 2017, 7, 15808.	1.6	14

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55	Linking the structures, free volumes, and properties of ionic liquid mixtures. Chemical Science, 2017, 8, 6359-6374.	3.7	74
56	Tuning structural parameters for the optimization of drug delivery performance of cyclodextrin-based nanosponges. Expert Opinion on Drug Delivery, 2017, 14, 331-340.	2.4	46
57	Dynamics and interactions of ibuprofen in cyclodextrin nanosponges by solid-state NMR spectroscopy. Beilstein Journal of Organic Chemistry, 2017, 13, 182-194.	1.3	19
58	Inclusion complexes of Î²-cyclodextrin with tricyclic drugs: an X-ray diffraction, NMR and molecular dynamics study. Beilstein Journal of Organic Chemistry, 2017, 13, 714-719.	1.3	21
59	Association and Diffusion of Li⁺ in Carboxymethylcellulose Solutions for Environmentally Friendly Liâ€ion Batteries. ChemSusChem, 2016, 9, 1804-1813.	3.6	6
60	Influence of oligo(ethylene oxide) substituents on pyrrolidinium-based ionic liquid properties, Li⁺ solvation and transport. Physical Chemistry Chemical Physics, 2016, 18, 21539-21547.	1.3	29
61	Competitive and Synergistic Interactions between Polymer Micelles, Drugs, and Cyclodextrins: The Importance of Drug Solubilization Locus. Langmuir, 2016, 32, 13174-13186.	1.6	46
62	Biocatalytic Synthesis of Phospholipids and Their Application as Coating Agents for CaCO₃Nano-crystals: Characterization and Intracellular Localization Analysis. ChemistrySelect, 2016, 1, 6507-6514.	0.7	15
63	Vibrational signatures of the water behaviour upon confinement in nanoporous hydrogels. Physical Chemistry Chemical Physics, 2016, 18, 12252-12259.	1.3	10
64	Guestâ€“matrix interactions affect the solvation of cyclodextrin-based polymeric hydrogels: a UV Raman scattering study. Soft Matter, 2016, 12, 8861-8868.	1.2	11
65	NMR on ionic liquids. , 2016, , 233-258.		0
66	Transport Properties of Ibuprofen Encapsulated in Cyclodextrin Nanosponge Hydrogels: A Proton HR-MAS NMR Spectroscopy Study. Journal of Visualized Experiments, 2016, , .	0.2	7
67	Hydrophilic Clicked 2,6-Bis-triazolyl-pyridines Endowed with High Actinide Selectivity and Radiochemical Stability: Toward a Closed Nuclear Fuel Cycle. Journal of the American Chemical Society, 2016, 138, 7232-7235.	6.6	124
68	The Role of Drugâ€“Drug Interactions in Hydrogel Delivery Systems: Experimental and Model Study. ChemPhysChem, 2016, 17, 1615-1622.	1.0	14
69	Compatibility of Imidazolium-Based Ionic Liquids for CO2 Capture with Steel Alloys: a Corrosion Perspective. Electrochimica Acta, 2016, 192, 414-421.	2.6	19
70	Synthesis and Structural Properties of Aza[n]helicene Platinum Complexes: Control of Cis and Trans Stereochemistry. Inorganic Chemistry, 2016, 55, 2009-2017.	1.9	13
71	TEMPOâ€Oxidized Cellulose Crossâ€Linked with Branched Polyethyleneimine: Nanostructured Adsorbent Sponges for Water Remediation. ChemPlusChem, 2015, 80, 1408-1415.	1.3	80
72	Polydisperse methyl Î²-cyclodextrinâ€“epichlorohydrin polymers: variable contact time ¹³C CP-MAS solid-state NMR characterization. Beilstein Journal of Organic Chemistry, 2015, 11, 2785-2794.	1.3	13

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73	The effect of oxygen in the photocatalytic oxidation pathways of perfluorooctanoic acid. Journal of Fluorine Chemistry, 2015, 179, 159-168.	0.9	32
74	Polymer hydrogel functionalized with biodegradable nanoparticles as composite system for controlled drug delivery. Nanotechnology, 2015, 26, 015602.	1.3	40
75	Solvent- and phase-controlled photochirogenesis. Enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by cyclic nigerosylnigerose-based nanosponges crosslinked by pyromellitate. Organic and Biomolecular Chemistry, 2015, 13, 2905-2912.	1.5	13
76	Water and polymer dynamics in a model polysaccharide hydrogel: the role of hydrophobic/hydrophilic balance. Physical Chemistry Chemical Physics, 2015, 17, 963-971.	1.3	27
77	Thermal fluctuations in chemically cross-linked polymers of cyclodextrins. Soft Matter, 2015, 11, 2183-2192.	1.2	17
78	Toward an understanding of the thermosensitive behaviour of pH-responsive hydrogels based on cyclodextrins. Soft Matter, 2015, 11, 5862-5871.	1.2	18
79	Multiple points of view of heteronuclear NOE: Long range vs short range contacts in pyrrolidinium based ionic liquids in the presence of Li salts. Journal of Molecular Liquids, 2015, 210, 215-222.	2.3	21
80	MD simulation of xenon in ionic liquids: Disentangling the cationic and anionic cage effects on the structural and dynamic properties. Journal of Molecular Liquids, 2015, 210, 272-278.	2.3	7
81	17O NMR. Annual Reports on NMR Spectroscopy, 2015, 85, 143-193.	0.7	7
82	Combining Raman and infrared spectroscopy as a powerful tool for the structural elucidation of cyclodextrin-based polymeric hydrogels. Physical Chemistry Chemical Physics, 2015, 17, 10274-10282.	1.3	16
83	Probing the molecular connectivity of water confined in polymer hydrogels. Journal of Chemical Physics, 2015, 142, 014901.	1.2	13
84	A Combined Experimental and Theoretical Study on the Stereodynamics of Monoaza[5]helicenes: Solventâ€Induced Increase of the Enantiomerization Barrier in 1â€Azaâ€[5]helicene. Chemistry - A European Journal, 2015, 21, 13919-13924.	1.7	25
85	Drugâ€“Polymer Interactions in Hydrogelâ€based Drugâ€Delivery Systems: An Experimental and Theoretical Study. ChemPhysChem, 2015, 16, 2818-2825.	1.0	23
86	Effective magnetic moment in cyclodextrinâ€“polynitroxides: potential supramolecular vectors for magnetic resonance imaging. RSC Advances, 2015, 5, 76133-76140.	1.7	19
87	Anomalous diffusion of Ibuprofen in cyclodextrin nanosponge hydrogels: an HRMAS NMR study. Beilstein Journal of Organic Chemistry, 2014, 10, 2715-2723.	1.3	59
88	Selfâ€assembly and intraâ€cluster reactions of erbium and ytterbium bis(2â€ethylhexyl)sulfosuccinates in the gas phase. Rapid Communications in Mass Spectrometry, 2014, 28, 2523-2530.	0.7	3
89	Pyrrolidinium-Based Ionic Liquids Doped with Lithium Salts: How Does Li⁺ Coordination Affect Its Diffusivity?. Journal of Physical Chemistry B, 2014, 118, 13679-13688.	1.2	63
90	Frontispiece: Aza[6]helicene Platinum Complexes: Chirality Control ofcis-transIsomerism. Angewandte Chemie - International Edition, 2014, 53, n/a-n/a.	7.2	0

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91	Chiroptical Phenomena in Reverse Micelles: The Case of (1R,2S)â€Dodecyl (2â€hydroxyâ€1â€methylâ€2â€phenylethyl)dimethylammonium Bromide (DMEB). Chirality, 2014, 26, 532-538.	1.3	11
92	Understanding Cage Effects in Imidazolium Ionic Liquids by ¹²⁹Xe NMR: MD Simulations and Relativistic DFT Calculations. Journal of Physical Chemistry B, 2014, 118, 13963-13968.	1.2	24
93	Helical Sense-Responsive and Substituent-Sensitive Features in Vibrational and Electronic Circular Dichroism, in Circularly Polarized Luminescence, and in Raman Spectra of Some Simple Optically Active Hexahelicenes. Journal of Physical Chemistry C, 2014, 118, 1682-1695.	1.5	135
94	Gel-sol evolution of cyclodextrin-based nanosponges: role of the macrocycle size. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 77-83.	0.9	15
95	Hydrogen-bond dynamics of water confined in cyclodextrin nanosponges hydrogel. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 69-75.	0.9	23
96	Photocatalysis in dimethyl carbonate green solvent: degradation and partial oxidation of phenanthrene on supported TiO₂. RSC Advances, 2014, 4, 40859-40864.	1.7	32
97	Direct evidence of gelâ€“sol transition in cyclodextrin-based hydrogels as revealed by FTIR-ATR spectroscopy. Soft Matter, 2014, 10, 2320-2326.	1.2	29
98	Vibrational Density of States and Elastic Properties of Cross-Linked Polymers: Combining Inelastic Light and Neutron Scattering. Journal of Physical Chemistry B, 2014, 118, 624-633.	1.2	27
99	Aza[6]helicene Platinum Complexes: Chirality Control of cisâ€“trans Isomerism. Angewandte Chemie - International Edition, 2014, 53, 5786-5790.	7.2	35
100	Glass-like dynamics of new cross-linked polymeric systems: Behavior of the Boson peak. Journal of Non-Crystalline Solids, 2014, 401, 73-77.	1.5	17
101	Single-batch, homogeneous phase depolymerization of cellulose catalyzed by a monocomponent endocellulase in ionic liquid [BMIM][Cl]. Journal of Molecular Catalysis B: Enzymatic, 2014, 106, 76-80.	1.8	12
102	Synthesis and characterization of a hyper-branched water-soluble Î²-cyclodextrin polymer. Beilstein Journal of Organic Chemistry, 2014, 10, 2586-2593.	1.3	28
103	Frontispiz: Aza[6]helicene Platinum Complexes: Chirality Control ofcis-transIsomerism. Angewandte Chemie, 2014, 126, n/a-n/a.	1.6	0
104	Vibrational dynamics and hydrogen bond properties of Î²-CD nanosponges: an FTIR-ATR, Raman and solid-state NMR spectroscopic study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 247-254.	1.6	53
105	A molecular dynamics study of cyclodextrin nanosponge models. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 263-268.	1.6	13
106	Modelling the interplay between covalent and physical interactions in cyclodextrin-based hydrogel: effect of water confinement. Soft Matter, 2013, 9, 6457.	1.2	39
107	2,9-Dicarbonyl-1,10-phenanthroline derivatives with an unprecedented Am(iii)/Eu(iii) selectivity under highly acidic conditions. Dalton Transactions, 2013, 42, 16930.	1.6	58
108	Mesoscopic structural organization in triphilic room temperature ionic liquids. Faraday Discussions, 2013, 167, 499.	1.6	73

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109	Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. Chemical Communications, 2013, 49, 3510.	2.2	44
110	Pyrazolium- versus Imidazolium-Based Ionic Liquids: Structure, Dynamics and Physicochemical Properties. Journal of Physical Chemistry B, 2013, 117, 668-676.	1.2	49
111	Vibrational spectroscopy investigation of swelling phenomena in cyclodextrin nanosponges. Journal of Raman Spectroscopy, 2013, 44, 1463-1469.	1.2	28
112	Cage-Like Local Structure of Ionic Liquids Revealed by a ¹²⁹Xe Chemical Shift. Journal of Physical Chemistry Letters, 2013, 4, 1608-1612.	2.1	31
113	Connection between the vibrational dynamics and the crossâ€linking properties in cyclodextrinsâ€based polymers. Journal of Raman Spectroscopy, 2013, 44, 1457-1462.	1.2	36
114	Effect of Cross-Linking Properties on the Vibrational Dynamics of Cyclodextrins-Based Polymers: An Experimentalâ€“Numerical Study. Journal of Physical Chemistry B, 2012, 116, 7952-7958.	1.2	50
115	Organic Peracids: A Structural Puzzle for ¹⁷O NMR and Ab Initio Chemical Shift Calculations. Journal of Physical Chemistry A, 2012, 116, 1814-1819.	1.1	13
116	Inside New Materials: An Experimental Numerical Approach for the Structural Elucidation of Nanoporous Cross-Linked Polymers. Journal of Physical Chemistry B, 2012, 116, 13133-13140.	1.2	33
117	Networking Properties of Cyclodextrin-Based Cross-Linked Polymers Probed by Inelastic Light-Scattering Experiments. Journal of Physical Chemistry B, 2012, 116, 5323-5327.	1.2	58
118	Improvements in the enzymatic synthesis of phosphatidylserine employing ionic liquids. Journal of Molecular Catalysis B: Enzymatic, 2012, 84, 132-135.	1.8	22
119	Quantum Mechanics Calculations, Basicity and Crystal Structure: The Route to Transition Metal Complexes of Azahelicenes. Molecules, 2012, 17, 463-479.	1.7	13
120	Cyclodextrin nanosponge-sensitized enantiodifferentiating photoisomerization of cyclooctene and 1,3-cyclooctadiene. Beilstein Journal of Organic Chemistry, 2012, 8, 1305-1311.	1.3	36
121	Sugar-Derived Ionic Liquids. Chimia, 2011, 65, 76.	0.3	31
122	Phase Behavior of Ionic Liquidâ€“LiX Mixtures: Pyrrolidinium Cations and TFSI^{â€“} Anions â€“ Linking Structure to Transport Properties. Chemistry of Materials, 2011, 23, 4331-4337.	3.2	121
123	Smart Approach To Evaluate Drug Diffusivity in Injectable Agarâ˜Carbomer Hydrogels for Drug Delivery. Journal of Physical Chemistry B, 2011, 115, 2503-2510.	1.2	79
124	Chiral ionic liquid-mediated photochirogenesis. Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid. Organic and Biomolecular Chemistry, 2011, 9, 7105.	1.5	14
125	Selective Interaction of 2,6-Di-O-methyl-Î²-cyclodextrin and Pluronic F127 Micelles Leading to Micellar Rupture: A Nuclear Magnetic Resonance Study. Journal of Physical Chemistry B, 2011, 115, 9005-9013.	1.2	17
126	Molecular Environment and Enhanced Diffusivity of Li⁺ Ions in Lithium-Salt-Doped Ionic Liquid Electrolytes. Journal of Physical Chemistry Letters, 2011, 2, 153-157.	2.1	134

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127	Fluorescence properties of aza-helicenium derivatives for cell imaging. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 307-313.	2.0	20
128	Methylprednisolone release from agar-Carbomer-based hydrogel: a promising tool for local drug delivery. Chemical Papers, 2011, 65, .	1.0	3
129	HR MAS NMR, powder XRD and Raman spectroscopy study of inclusion phenomena in Î²CD nanosponges. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 403-409.	1.6	82
130	Spectroscopic characterization of red perylimide/surfactant nanocomposites. Journal of Materials Science, 2011, 46, 6402-6407.	1.7	8
131	Anodic titanium oxide as immobilized photocatalyst in UV or visible light devices. Journal of Hazardous Materials, 2011, 186, 2103-2109.	6.5	57
132	Use of cyclodextrins as solubilizing agents for simvastatin: Effect of hydroxypropyl-Î²-cyclodextrin on lactone/hydroxyacid aqueous equilibrium. International Journal of Pharmaceutics, 2011, 404, 49-56.	2.6	25
133	Clostebol acetate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1952-o1953.	0.2	0
134	Drug Release from Hydrogel: A New Understanding of Transport Phenomena. Journal of Biomedical Nanotechnology, 2011, 7, 476-481.	0.5	22
135	Self-assembly in surfactant-based liquid mixtures: Bis(2-ethylhexyl)phosphoric acid/bis(2-ethylhexyl)amine systems. Journal of Colloid and Interface Science, 2010, 348, 183-188.	5.0	40
136	Reactivity of benzyl radicals: The trapping of primary, secondary and tertiary benzyl radicals with heterocyclic bases. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 214, 112-114.	2.0	4
137	Partial photocatalytic oxidation of glycerol in TiO2 water suspensions. Catalysis Today, 2010, 151, 21-28.	2.2	97
138	Synthesis and Applications of Ionic Liquids Derived from Natural Sugars. Topics in Current Chemistry, 2010, 295, 177-195.	4.0	51
139	Assessing the mechanism of the synergistic action of calixarenes and Co-dicarbollides in lanthanide extractions. New Journal of Chemistry, 2010, 34, 2552.	1.4	10
140	Blending ionic liquids: how physico-chemical properties change. Physical Chemistry Chemical Physics, 2010, 12, 1784.	1.3	69
141	Photochirogenesis in chiral ionic liquid: enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylic acid in (R)-1-methyl-3-(2,3-dihydroxypropyl)imidazolium bistriflimide. Chemical Communications, 2010, 46, 3472.	2.2	18
142	Functionalized fluoroalkyl heterocycles by 1,3-dipolar cycloadditions with Î³-fluoro-Î±-nitroalkenes. Tetrahedron Letters, 2009, 50, 2540-2542.	0.7	26
143	Validating a Strategy for Molecular Dynamics Simulations of Cyclodextrin Inclusion Complexes through Single-Crystal X-ray and NMR Experimental Data: A Case Study. Journal of Physical Chemistry B, 2009, 113, 9110-9122.	1.2	66
144	Structural Organization and Transport Properties of Novel Pyrrolidinium-Based Ionic Liquids with Perfluoroalkyl Sulfonylimide Anions. Journal of Physical Chemistry B, 2009, 113, 10750-10759.	1.2	102

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145	Spectroscopic and Structural Investigation of the Confinement of <scp>d</scp> and <scp>l</scp> Dimethyl Tartrate in Lecithin Reverse Micelles. Journal of Physical Chemistry B, 2009, 113, 3024-3033.	1.2	28
146	Gas-Phase Ion Chemistry of Protonated Melatonin. European Journal of Mass Spectrometry, 2009, 15, 199-208.	0.5	3
147	2,13-Diaza[5]helicene: synthesis, theoretical calculations and spectroscopic properties. Arkivoc, 2009, 2009, 145-155.	0.3	13
148	On resonance interactions in methyl 4-X-benzoates and the effect of 2,6-dimethyl substitution. 13C or 17O NMR chemical shifts as effective indicators of Ï€-electron-density distribution?. Arkivoc, 2009, 2009, 212-221.	0.3	8
149	Discrimination of Chain Positions in Mixed Short/Longâ€Chain Glycerophosphocholines by NMR Chemical Shift Variations. JAOCS, Journal of the American Oil Chemists' Society, 2008, 85, 1005-1011.	0.8	1
150	Orientation and molecular contacts of melatonin confined into AOT and lecithin reversed micellar systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 316, 307-312.	2.3	8
151	Synthesis, crystal structure and crystal packing of diaza[5]helicenes. New Journal of Chemistry, 2008, 32, 1710.	1.4	17
152	Interaction of Water with the Model Ionic Liquid [bmim][BF₄]: Molecular Dynamics Simulations and Comparison with NMR Data. Journal of Physical Chemistry B, 2008, 112, 7826-7836.	1.2	231
153	A Simple Approach for the Synthesis of 7,8-Diaza[5]helicene. Synthesis, 2008, 2008, 413-416.	1.2	15
154	Experimental and calculated circular dichroism spectra of monoaza[5]helicenes. Inorganica Chimica Acta, 2007, 360, 908-912.	1.2	18
155	A green approach to the amidation of heterocyclic bases: the use of sunlight and air. Research on Chemical Intermediates, 2007, 33, 311-317.	1.3	17
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