

# Sophie Fourmentin

## List of Publications by Year in descending order

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142  
papers

5,441  
citations

66343

42  
h-index

102487

66  
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145  
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145  
docs citations

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times ranked

4767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Basics and properties of deep eutectic solvents: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 3397-3408.	16.2	329
2	Water-insoluble $\beta$ -cyclodextrin-epichlorohydrin polymers for removal of pollutants from aqueous solutions by sorption processes using batch studies: A review of inclusion mechanisms. <i>Progress in Polymer Science</i> , 2018, 78, 1-23.	24.7	193
3	Cyclodextrins, from molecules to applications. <i>Environmental Chemistry Letters</i> , 2018, 16, 1361-1375.	16.2	189
4	Deep eutectic solvents: An overview on their interactions with water and biochemical compounds. <i>Journal of Molecular Liquids</i> , 2019, 288, 111028.	4.9	184
5	Complexation efficiency of cyclodextrins for volatile flavor compounds. <i>Food Research International</i> , 2013, 53, 110-114.	6.2	132
6	Liposomes incorporating cyclodextrin-drug inclusion complexes: Current state of knowledge. <i>Carbohydrate Polymers</i> , 2015, 129, 175-186.	10.2	121
7	Remediation technologies using cyclodextrins: an overview. <i>Environmental Chemistry Letters</i> , 2012, 10, 225-237.	16.2	116
8	Characterization of Cyclodextrin/Volatile Inclusion Complexes: A Review. <i>Molecules</i> , 2018, 23, 1204.	3.8	114
9	Promising applications of cyclodextrins in food: Improvement of essential oils retention, controlled release and antiradical activity. <i>Carbohydrate Polymers</i> , 2015, 131, 264-272.	10.2	110
10	Modeling and Box-Behnken design optimization of photocatalytic parameters for efficient removal of dye by lanthanum-doped mesoporous TiO <sub>2</sub> . <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104584.	6.7	106
11	130 years of cyclodextrin discovery for health, food, agriculture, and the industry: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2581-2617.	16.2	102
12	Complexation of estragole as pure compound and as main component of basil and tarragon essential oils with cyclodextrins. <i>Carbohydrate Polymers</i> , 2015, 118, 156-164.	10.2	95
13	Novel findings for quercetin encapsulation and preservation with cyclodextrins, liposomes, and drug-in-cyclodextrin-in-liposomes. <i>Food Hydrocolloids</i> , 2018, 81, 328-340.	10.7	84
14	Cyclodextrin, an efficient tool for trans-anethole encapsulation: Chromatographic, spectroscopic, thermal and structural studies. <i>Food Chemistry</i> , 2014, 164, 454-461.	8.2	83
15	A statistical modeling-optimization approach for efficiency photocatalytic degradation of textile azo dye using cerium-doped mesoporous ZnO: A central composite design in response surface methodology. <i>Chemical Engineering Research and Design</i> , 2021, 171, 198-212.	5.6	80
16	Effect of cyclodextrin complexation on phenylpropanoids™ solubility and antioxidant activity. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2322-2331.	2.2	79
17	Solubility, photostability and antifungal activity of phenylpropanoids encapsulated in cyclodextrins. <i>Food Chemistry</i> , 2016, 196, 518-525.	8.2	79
18	Encapsulation in cyclodextrins to widen the applications of essential oils. <i>Environmental Chemistry Letters</i> , 2019, 17, 129-143.	16.2	79

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19	Inclusion interactions of cyclodextrins and crosslinked cyclodextrin polymers with linalool and camphor in <i>Lavandula angustifolia</i> essential oil. <i>Carbohydrate Polymers</i> , 2012, 87, 1963-1970.	10.2	78
20	Retention of aroma compounds from <i>Mentha piperita</i> essential oil by cyclodextrins and crosslinked cyclodextrin polymers. <i>Food Chemistry</i> , 2013, 138, 291-297.	8.2	75
21	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 38, 187-198.	1.6	73
22	Cyclodextrins: A new efficient absorbent to treat waste gas streams. <i>Chemosphere</i> , 2008, 70, 374-380.	8.2	73
23	Cyclodextrin-membrane interaction in drug delivery and membrane structure maintenance. <i>International Journal of Pharmaceutics</i> , 2019, 564, 59-76.	5.2	67
24	Deep eutectic solvents as green absorbents of volatile organic pollutants. <i>Environmental Chemistry Letters</i> , 2017, 15, 747-753.	16.2	66
25	New findings on the incorporation of essential oil components into liposomes composed of lipid S100 and cholesterol. <i>International Journal of Pharmaceutics</i> , 2019, 561, 161-170.	5.2	65
26	VOC adsorption on raw and modified clay materials. <i>Chemical Geology</i> , 2010, 275, 1-8.	3.3	64
27	Determination of formation constants and structural characterization of cyclodextrin inclusion complexes with two phenolic isomers: carvacrol and thymol. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 29-42.	2.2	63
28	Photocatalytic degradation of methyl orange and real wastewater by silver doped mesoporous TiO <sub>2</sub> catalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 318, 142-149.	3.9	62
29	Effect of cyclodextrin and cosolvent on the solubility and antioxidant activity of caffeic acid. <i>Food Chemistry</i> , 2019, 278, 163-169.	8.2	62
30	Investigation of monoterpenes complexation with hydroxypropyl- $\beta$ -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 51-60.	1.6	58
31	Space filling of $\beta$ -cyclodextrin and $\beta$ -cyclodextrin derivatives by volatile hydrophobic guests. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1185-1191.	2.2	55
32	Study of the retention of aroma components by cyclodextrins by static headspace gas chromatography. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 297-302.	1.6	53
33	Effect of Water on Deep Eutectic Solvent/ $\beta$ -Cyclodextrin Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7277-7285.	6.7	52
34	Photochemical behaviour upon the inclusion for some volatile organic compounds in new fluorescent indolizine $\beta$ -cyclodextrin sensors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 185, 312-320.	3.9	51
35	Rhodium-Catalyzed Hydroformylation Promoted by Modified Cyclodextrins: Current Scope and Future Developments. <i>Current Organic Synthesis</i> , 2008, 5, 162-172.	1.3	50
36	Fluorescent Indolizine- $\beta$ -Cyclodextrin Derivatives for the Detection of Volatile Organic Compounds. <i>Sensors</i> , 2008, 8, 3689-3705.	3.8	49

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37	Nootkatone encapsulation by cyclodextrins: Effect on water solubility and photostability. <i>Food Chemistry</i> , 2017, 236, 41-48.	8.2	49
38	Synthesis of silica materials containing cyclodextrin and their applications in wastewater treatment. <i>Environmental Chemistry Letters</i> , 2019, 17, 683-696.	16.2	49
39	First evidence of molecular recognition between cyclodextrins and a water-soluble ligand used in aqueous phase organometallic catalysis. <i>New Journal of Chemistry</i> , 1999, 23, 469-472.	2.8	47
40	Wastewater treatment by cyclodextrin polymers and noble metal/mesoporous TiO <sub>2</sub> photocatalysts. <i>Comptes Rendus Chimie</i> , 2015, 18, 23-31.	0.5	47
41	Cyclodextrins: from solute to solvent. <i>Chemical Communications</i> , 2020, 56, 3385-3388.	4.1	47
42	Chemically modified cyclodextrins adsorbed on Pd/C particles: New opportunities to generate highly chemo- and stereoselective catalysts for Heck reaction. <i>Catalysis Communications</i> , 2008, 9, 1346-1351.	3.3	46
43	Fenton degradation assisted by cyclodextrins of a high molecular weight polycyclic aromatic hydrocarbon benzo[a]pyrene. <i>Journal of Hazardous Materials</i> , 2009, 168, 1296-1301.	12.4	46
44	First evaluation of drug-in-cyclodextrin-in-liposomes as an encapsulating system for nerolidol. <i>Food Chemistry</i> , 2018, 255, 399-404.	8.2	45
45	Solubilisation of chlorinated solvents by cyclodextrin derivatives A study by static headspace gas chromatography and molecular modelling. <i>Journal of Hazardous Materials</i> , 2007, 141, 92-97.	12.4	42
46	Cooperativity in Aqueous Organometallic Catalysis: Contribution of Cyclodextrin-Substituted Polymers. <i>ACS Catalysis</i> , 2012, 2, 1417-1420.	11.2	42
47	First Evidence of Cyclodextrin Inclusion Complexes in a Deep Eutectic Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6345-6351.	6.7	41
48	Air pollution: new bio-based ionic liquids absorb both hydrophobic and hydrophilic volatile organic compounds with high efficiency. <i>Environmental Chemistry Letters</i> , 2020, 18, 1403-1411.	16.2	39
49	Aqueous hydroformylation reaction mediated by randomly methylated $\beta$ -cyclodextrin: How substitution degree influences catalytic activity and selectivity. <i>Journal of Molecular Catalysis A</i> , 2009, 303, 72-77.	4.8	37
50	Rhodium catalyzed hydroformylation of 1-decene in low melting mixtures based on various cyclodextrins and N,N'-dimethylurea. <i>Catalysis Communications</i> , 2015, 63, 62-65.	3.3	37
51	Biphasic Aqueous Organometallic Catalysis Promoted by Cyclodextrins: How to Design the Water-Soluble Phenylphosphane to Avoid Interaction with Cyclodextrin. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 609-618.	4.3	36
52	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 38, 361-379.	1.6	35
53	Sulfobutyl Ether- $\beta$ -Cyclodextrins: Promising Supramolecular Carriers for Aqueous Organometallic Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1301-1307.	4.3	35
54	New fluorescent and electropolymerizable N-azacrown carbazole as a selective probe for iron (III) in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 1022-1028.	7.8	35

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55	Effect of hydroxypropyl- $\beta$ -cyclodextrin on lipid membrane fluidity, stability and freeze-drying of liposomes. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 101-107.	3.0	35
56	Efficient Photocatalytic Degradation of Ibuprofen under Visible Light Irradiation Using Silver and Cerium Co-doped Mesoporous TiO <sub>2</sub> . <i>ChemistrySelect</i> , 2020, 5, 11787-11796.	1.5	35
57	Experimental and Theoretical Study on the Inclusion Compounds of Aroma Components with $\beta$ -Cyclodextrins. <i>Supramolecular Chemistry</i> , 2006, 18, 477-482.	1.2	34
58	Release studies of trans-anethole from $\beta$ -cyclodextrin solid inclusion complexes by Multiple Headspace Extraction. <i>Carbohydrate Polymers</i> , 2016, 151, 1245-1250.	10.2	34
59	One and Two-dimensional NMR Investigations of the Inclusion of the Monosulfonated Triphenylphosphine in the $\beta$ -cyclodextrin. <i>Supramolecular Chemistry</i> , 2002, 14, 11-20.	1.2	33
60	Molecular Recognition Between a Water-Soluble Organometallic Complex and a $\beta$ -Cyclodextrin: First Example of Second-Sphere Coordination Adducts Possessing a Catalytic Activity. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1449-1456.	4.3	33
61	Synthesis, characterization and sorption capacities toward organic pollutants of new $\beta$ -cyclodextrin modified zeolite derivatives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 50-57.	4.7	31
62	Synthesis of Faujasite type zeolite from low grade Tunisian clay for the removal of heavy metals from aqueous waste by batch process: Kinetic and equilibrium study. <i>Comptes Rendus Chimie</i> , 2015, 18, 1123-1133.	0.5	31
63	Water-Soluble Triphenylphosphane-3,3',3''-tricarboxylate (m-TPPTC) Ligand and Methylated Cyclodextrins: A New Combination for Biphasic Rhodium-Catalyzed Hydroformylation of Higher Olefins. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1547-1552.	4.3	30
64	New generation of supramolecular mixtures: Characterization and solubilization studies. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119443.	5.2	30
65	Efficient degradation of phenol using natural clay as heterogeneous Fenton-like catalyst. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3331-3338.	5.3	29
66	Photocatalysis of Volatile Organic Compounds in water: Towards a deeper understanding of the role of cyclodextrins in the photodegradation of toluene over titanium dioxide. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 317-325.	9.4	29
67	VOC trapping by new crosslinked cyclodextrin polymers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 433-437.	1.6	28
68	Hydroxypropyl- $\gamma$ -cyclodextrin as a membrane protectant during freeze-drying of hydrogenated and non-hydrogenated liposomes and molecule-in-cyclodextrin-in- liposomes: Application to trans-anethole. <i>Food Chemistry</i> , 2018, 267, 67-74.	8.2	27
69	Investigation of the complexation of essential oil components with cyclodextrins. <i>Supramolecular Chemistry</i> , 2015, 27, 620-628.	1.2	26
70	Do Cyclodextrins Encapsulate Volatiles in Deep Eutectic Systems?. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17397-17405.	6.7	26
71	Food additives and the future of health: An analysis of the ongoing controversy on titanium dioxide. <i>Futures</i> , 2020, 122, 102598.	2.5	25
72	Deep eutectic solvents as absorbents for VOC and VOC mixtures in static and dynamic processes. <i>Chemical Engineering Journal</i> , 2022, 448, 137619.	12.7	25

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73	Treatment of gas containing hydrophobic VOCs by adsorption process on raw and intercalated clays. <i>Research on Chemical Intermediates</i> , 2015, 41, 5475-5493.	2.7	22
74	Fundamentals and Applications of Cyclodextrins. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 1-55.	0.5	22
75	Drug-in-hydroxypropyl- $\beta$ -cyclodextrin-in-lipoid S100/cholesterol liposomes: Effect of the characteristics of essential oil components on their encapsulation and release. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119151.	5.2	22
76	A friendly environmental approach for the controlled release of Eucalyptus essential oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 549, 130-137.	4.7	21
77	A novel statistical approach for the synthesis of Chalcones via Claisen-Schmidt condensation catalyzed by Pd nanoparticles modified mesoporous TiO <sub>2</sub> as an efficient heterogeneous catalyst. <i>Colloids and Interface Science Communications</i> , 2021, 43, 100461.	4.1	21
78	History of titanium dioxide regulation as a food additive: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1017-1033.	16.2	21
79	Development of a competitive continuous variation plot for the determination of inclusion compounds stoichiometry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 409-413.	1.6	20
80	Cyclodextrins as encapsulation material for flavors and aroma. , 2016, , 127-192.		20
81	Evaluation of Antibacterial and Antioxidant Activities of Silver-Decorated TiO <sub>2</sub> Nanoparticles. <i>ChemistrySelect</i> , 2020, 5, 11078-11084.	1.5	20
82	Activated Carbon as a Mass Transfer Additive in Aqueous Organometallic Catalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 6138-6141.	3.3	18
83	Essential oil components decrease pulmonary and hepatic cells inflammation induced by air pollution particulate matter. <i>Environmental Chemistry Letters</i> , 2016, 14, 345-351.	16.2	18
84	The effect of cyclodextrin complexation on the solubility and photostability of nerolidol as pure compound and as main constituent of cabreuva essential oil. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 835-844.	2.2	18
85	Post-harvest management control of <i>Ectomyelois ceratoniae</i> (Zeller) (Lepidoptera: Pyralidae): new insights through essential oil encapsulation in cyclodextrin. <i>Pest Management Science</i> , 2019, 75, 2000-2008.	3.4	18
86	Scanning tunneling microscopy investigation of an inclusion complex between the $\beta$ -cyclodextrin and the sodium salt of the trisulfonated triphenylphosphine. <i>Surface Science</i> , 2001, 470, 275-283.	1.9	17
87	Development of a Total Organic Carbon method for the quantitative determination of solubility enhancement by cyclodextrins: Application to essential oils. <i>Analytica Chimica Acta</i> , 2016, 918, 21-25.	5.4	17
88	Antibacterial activity of free or encapsulated selected phenylpropanoids against <i>Escherichia coli</i> and <i>Staphylococcus epidermidis</i> . <i>Journal of Applied Microbiology</i> , 2020, 128, 710-720.	3.1	17
89	Cyclodextrin-based supramolecular low melting mixtures: efficient absorbents for volatile organic compounds abatement. <i>Environmental Science and Pollution Research</i> , 2022, 29, 264-270.	5.3	17
90	Synthesis and inclusion ability of anthracene appended $\beta$ -cyclodextrins: unexpected effect of triazole linker. <i>Carbohydrate Research</i> , 2011, 346, 35-42.	2.3	16

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91	Captisol®: an efficient carrier and solubilizing agent for essential oils and their components. <i>Flavour and Fragrance Journal</i> , 2017, 32, 340-346.	2.6	16
92	Deep eutectic solvents and conventional solvents as VOC absorbents for biogas upgrading: A comparative study. <i>Chemical Engineering Journal</i> , 2022, 446, 136875.	12.7	16
93	Potentiometric and spectroscopic study of copper(II) ion binding by 1,6-anhydro-derivatives of aminosugars. <i>Journal of Inorganic Biochemistry</i> , 1996, 61, 213-219.	3.5	15
94	Efficiency of natural clay as heterogeneous Fenton and photo-Fenton catalyst for phenol and tyrosol degradation. <i>Desalination and Water Treatment</i> , 2014, 52, 2225-2230.	1.0	15
95	Natural clay as raw and modified material for efficient o-xylene abatement. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 667-675.	6.7	14
96	Evaluation of Polyethylene Glycol Crosslinked $\beta$ -CD Polymers for the Removal of Methylene Blue. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4679.	2.5	14
97	Eco-efficient Catalytic Hydrodechlorination of Carbon Tetrachloride in Aqueous Cyclodextrin Solutions. <i>Catalysis Letters</i> , 2006, 108, 209-214.	2.6	13
98	Experimental and Theoretical Study on the Inclusion Capability of a Fluorescent Indolizine $\beta$ -Cyclodextrin Sensor Towards Volatile and Semi-volatile Organic Guest. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 55, 263-269.	1.6	13
99	The characterization of prepared organoclay materials (DDMA) and gas sorption of chlorobenzene. <i>Canadian Journal of Chemical Engineering</i> , 2011, 89, 392-400.	1.7	13
100	Cyclophanes or Cyclodextrins: What is the Best Host for Aromatic Volatile Organic Compounds?. <i>Supramolecular Chemistry</i> , 2008, 20, 473-477.	1.2	12
101	Scope and limitation of activated carbons in aqueous organometallic catalysis. <i>Journal of Catalysis</i> , 2011, 278, 208-218.	6.2	12
102	Cyclodextrins for Remediation Technologies. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 47-81.	0.5	12
103	First study on the release of a natural antimicrobial agent, estragole, from freeze-dried delivery systems based on cyclodextrins and liposomes. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 794-802.	3.0	12
104	Effect of dimethylsulfoxide, ethanol, $\alpha$ - and $\beta$ -cyclodextrins and their association on the solubility of natural bioactive compounds. <i>Journal of Molecular Liquids</i> , 2020, 310, 113156.	4.9	12
105	Co-ordination of copper(II) with monoamino-triols and -tetrols. Effect of stereochemistry on complex formation. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2657-2661.	1.1	11
106	Cyclodextrin-intercalated layered double hydroxides for fragrance release. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 75, 333-339.	1.6	11
107	Ionic liquids and cyclodextrin inclusion complexes: limitation of the affinity capillary electrophoresis technique. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8211-8220.	3.7	11
108	Antifungal and Phytotoxic Activities of Essential Oils: In Vitro Assays and Their Potential Use in Crop Protection. <i>Agronomy</i> , 2020, 10, 825.	3.0	11

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109	Synthesis and inclusion capability of a $\beta$ -cyclodextrin-tetrathiafulvalene derivative. <i>Tetrahedron</i> , 2006, 62, 9701-9704.	1.9	10
110	Synthesis, characterization and cytotoxicity of the <i>Eugenia brejoensis</i> essential oil inclusion complex with $\beta$ -cyclodextrin. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101876.	3.0	10
111	Chemical Composition, Antioxidant and Anti-Inflammatory Activities of Clary Sage and Coriander Essential Oils Produced on Polluted and Amended Soils-Phytomanagement Approach. <i>Molecules</i> , 2021, 26, 5321.	3.8	10
112	History of Cyclodextrins. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 1-93.	0.5	10
113	New fluorescent bis- $\beta$ -cyclodextrin-indolizine sensor. Synthesis and sensing ability. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 783-786.	2.6	9
114	1,5-Diaminopentanetriols and 1,6-diaminohexanetetrols, potent dimer-forming ligands for Cu <sup>2+</sup> ions. Potentiometric and spectroscopic studies. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 3849-3852.	1.1	8
115	Optimal Synthesis of Faujasite-Type Zeolites with a Hierarchical Porosity from Natural Clay. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4658-4665.	2.0	8
116	New nanoparticles obtained by co-assembly of amphiphilic cyclodextrins and nonlamellar single-chain lipids: Preparation and characterization. <i>International Journal of Pharmaceutics</i> , 2017, 531, 444-456.	5.2	8
117	Contribution of headspace to the analysis of cyclodextrin inclusion complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 93, 19-32.	1.6	7
118	Retention of Eucalyptol, a Natural Volatile Insecticide, in Delivery Systems Based on Hydroxypropyl- $\beta$ -Cyclodextrin and Liposomes. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 1900402.	1.5	7
119	Huge solubility increase of poorly water-soluble pharmaceuticals by sulfobutylether- $\beta$ -cyclodextrin complexation in a low-melting mixture. <i>Environmental Chemistry Letters</i> , 2022, 20, 1561-1568.	16.2	7
120	Combination of DES and macrocyclic host molecules: Review and perspectives. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 36, 100630.	5.9	7
121	Polycycloimmonium salt and ylidic polymers. Polycondensation between N,N'-dipyridylum dicarbethoxymethylide and 1,3-bis(p-chloroformylphenyl)parabanic acid. <i>European Polymer Journal</i> , 1999, 35, 663-667.	5.4	6
122	Synthesis, inclusion capabilities, and electrical properties of some asymmetrical cyclophanes. <i>Tetrahedron</i> , 2008, 64, 721-732.	1.9	5
123	Heterogeneous advanced photo-fenton oxidation of phenolic aqueous solutions over iron-containing SBA-15 catalyst. <i>MATEC Web of Conferences</i> , 2013, 5, 04033.	0.2	5
124	The AgI-HgS-As <sub>2</sub> S <sub>3</sub> glassy system: Macroscopic properties and Raman scattering studies. <i>Journal of Alloys and Compounds</i> , 2016, 685, 752-760.	5.5	5
125	Potential Applications of Cyclodextrin Inclusion Complexes, Liposomes, and Drug-in-Cyclodextrin-in-Liposome in Food Industry and Packaging. , 2018, , 187-234.		5
126	Removal of volatile organic compounds using amphiphilic cyclodextrin-coated polypropylene. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2743-2750.	2.2	4



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127	First investigation of liposomes behavior and phospholipids organization in choline chloride-based deep eutectic solvents by atomic force microscopy. <i>Journal of Molecular Liquids</i> , 2020, 306, 112851.	4.9	4
128	Understanding the Basics and Properties of Deep Eutectic Solvents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-40.	0.5	4
129	A competitive sensing system based on cyclobis(paraquat- <i>p</i> -phenylene) and a new $\beta$ -cyclodextrin-tetrathiafulvalene derivative. <i>Supramolecular Chemistry</i> , 2009, 21, 372-378.	1.2	3
130	Spectroscopic investigation of the three prototropic forms of a $\beta$ -cyclodextrin-indolizine derivative from its inclusion-cum-charge-transfer complexes. <i>Chemical Physics Letters</i> , 2011, 504, 100-106.	2.6	3
131	Excited state proton transfer assisted fluorescence resonance energy transfer in an inclusion complex of a $\beta$ -CD derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 238, 29-34.	3.9	3
132	Cyclodextrins for Essential Oils Applications. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 81-123.	0.5	3
133	<sup>1</sup> H NMR, Circular Dichroism and Uv-Visible Spectroscopic Study of Inclusion Complexes Formation Between <i>o</i> -, <i>m</i> -, <i>p</i> - Hydroxyphenol and $\beta$ -Cyclodextrin. , 1999, , 663-666.		3
134	Sorption study of organic contaminant on raw and modified clay materials. <i>MATEC Web of Conferences</i> , 2013, 5, 04025.	0.2	2
135	Silica Materials Containing Cyclodextrin for Pollutant Removal. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 149-182.	0.5	2
136	Cyclodextrin-based low melting mixtures as a solubilizing vehicle: Application to non-steroidal anti-inflammatory drugs. <i>Journal of Molecular Liquids</i> , 2022, 353, 118827.	4.9	2
137	Improved aqueous Cannizzaro reaction in presence of cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 349-353.	1.6	1
138	Heterogeneous photo-Fenton oxidation with natural clays for phenol and tyrosol remediation. <i>MATEC Web of Conferences</i> , 2013, 5, 04009.	0.2	1
139	Binding of Monoterpenes to Human Serum Albumin: Investigation of the Effect of Hydrophobicity and Structure. <i>Journal of Colloid Science and Biotechnology</i> , 2015, 4, 71-78.	0.2	1
140	Wastewater technology attenuates the toxicity of shisha smoking. <i>Environmental Chemistry Letters</i> , 0, , .	16.2	1
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