Alberto Concellon

List of Publications by Year
in descending order

29 papers	648 citations	567281 15 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	851 citing authors

#	Article	IF	Citations
1	Ionic Self-Assembly of Dendrimers. , 2022, , 85-118.		3
2	Two-Photon Laser Microprinting of Highly Ordered Nanoporous Materials Based on Hexagonal Columnar Liquid Crystals. ACS Applied Materials & Interfaces, 2022, 14, 33746-33755.	8.0	6
3	Methane Detection with a Tungstenâ€Calix[4]areneâ€Based Conducting Polymer Embedded Sensor Array. Advanced Functional Materials, 2021, 31, 2007281.	14.9	9
4	Janus Emulsion Biosensors for Anti-SARS-CoV-2 Spike Antibody. ACS Central Science, 2021, 7, 1166-1175.	11.3	28
5	Complex Liquid Crystal Emulsions for Biosensing. Journal of the American Chemical Society, 2021, 143, 9177-9182.	13.7	46
6	Reconfigurable Pickering Emulsions with Functionalized Carbon Nanotubes. Langmuir, 2021, 37, 8204-8211.	3.5	5
7	Electric-Field-Induced Chirality in Columnar Liquid Crystals. Journal of the American Chemical Society, 2021, 143, 9260-9266.	13.7	23
8	Chelating Phosphine Ligand Stabilized AuNPs in Methane Detection. ACS Nano, 2020, 14, 11605-11612.	14.6	16
9	Micellar Nanocarriers from Dendritic Macromolecules Containing Fluorescent Coumarin Moieties. Polymers, 2020, 12, 2872.	4.5	16
10	Coumarin-Containing Pillar[5]arenes as Multifunctional Liquid Crystal Macrocycles. Journal of Organic Chemistry, 2020, 85, 8944-8951.	3.2	10
11	Controlled Movement of Complex Double Emulsions via Interfacially Confined Magnetic Nanoparticles. ACS Central Science, 2020, 6, 1460-1466.	11.3	21
12	Semiconducting and electropolymerizable liquid crystalline carbazole-containing porphyrin-core dendrimers. Organic Chemistry Frontiers, 2020, 7, 2008-2015.	4.5	14
13	Thiophene-fused polyaromatics: synthesis, columnar liquid crystal, fluorescence and electrochemical properties. Chemical Science, 2020, 11, 4695-4701.	7.4	22
14	Dynamic Complex Liquid Crystal Emulsions. Journal of the American Chemical Society, 2019, 141, 18246-18255.	13.7	51
15	High hole mobility and light-harvesting in discotic nematic dendrimers prepared via â€˜clickâ€™ chemistry. Journal of Materials Chemistry C, 2019, 7, 2911-2918.	5.5	24
16	Proton-conductive materials formed by coumarin photocrosslinked ionic liquid crystal dendrimers. Journal of Materials Chemistry C, 2018, 6, 1000-1007.	5.5	50
17	Size-Selective Adsorption in Nanoporous Polymers from Coumarin Photo-Cross-Linked Columnar Liquid Crystals. Macromolecules, 2018, 51, 2349-2358.	4.8	41
18	Proton conductive ionic liquid crystalline poly(ethyleneimine) polymers functionalized with oxadiazole. RSC Advances, 2018, 8, 37700-37706.	3.6	30

#	Article	IF	Citations
19	Fluorescent and Electroactive Monoalkyl BTD-Based Liquid Crystals with Tunable Self-Assembling and Electronic Properties. ACS Omega, 2018, 3, 11857-11864.	3.5	18
20	Making Coaxial Wires Out of Janus Dendrimers for Efficient Charge Transport. ACS Macro Letters, 2018, 7, 1138-1143.	4.8	14
21	Molecular Recognition via Hydrogen Bonding in Supramolecular Complexes: A Fourier Transform Infrared Spectroscopy Study. Molecules, 2018, 23, 2278.	3.8	35
22	Liquid Crystal Organization of Calix[4]areneâ€Appended Schiff Bases and Recognition towards Zn²⁺. ChemistrySelect, 2017, 2, 101-109.	1.5	14
23	DNA Transfection to Mesenchymal Stem Cells Using a Novel Type of Pseudodendrimer Based on 2,2-Bis(hydroxymethyl)propionic Acid. Bioconjugate Chemistry, 2017, 28, 1135-1150.	3.6	15
24	Photopolymers based on ethynyl-functionalized degradable polylactides by thiol-yne â€˜Click Chemistryâ€™. Polymer, 2017, 117, 259-267.	3.8	6
25	Not Only Columns: High Hole Mobility in a Discotic Nematic Mesophase Formed by Metalâ€Containing Porphyrinâ€Core Dendrimers. Angewandte Chemie - International Edition, 2017, 56, 1259-1263.	13.8	39
26	Supramolecular liquid crystalline dendrimers with a porphyrin core and functional carboxylic acid dendrons. RSC Advances, 2016, 6, 65179-65185.	3.6	12
27	Light-Responsive Self-Assembled Materials by Supramolecular Post-Functionalization via Hydrogen Bonding of Amphiphilic Block Copolymers. Macromolecules, 2016, 49, 7825-7836.	4.8	49
28	Polymeric micelles from block copolymers containing 2,6-diacylaminopyridine units for encapsulation of hydrophobic drugs. RSC Advances, 2016, 6, 24066-24075.	3.6	16
29	Photoresponsive polymers and block copolymers by molecular recognition based on multiple hydrogen bonds. Journal of Polymer Science Part A, 2014, 52, 3173-3184.	2.3	15