

# Alberto Concellon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6670051/publications.pdf>

Version: 2024-02-01

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	Dynamic Complex Liquid Crystal Emulsions. <i>Journal of the American Chemical Society</i> , 2019, 141, 18246-18255.	13.7	51
2	Proton-conductive materials formed by coumarin photocrosslinked ionic liquid crystal dendrimers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1000-1007.	5.5	50
3	Light-Responsive Self-Assembled Materials by Supramolecular Post-Functionalization via Hydrogen Bonding of Amphiphilic Block Copolymers. <i>Macromolecules</i> , 2016, 49, 7825-7836.	4.8	49
4	Complex Liquid Crystal Emulsions for Biosensing. <i>Journal of the American Chemical Society</i> , 2021, 143, 9177-9182.	13.7	46
5	Size-Selective Adsorption in Nanoporous Polymers from Coumarin Photo-Cross-Linked Columnar Liquid Crystals. <i>Macromolecules</i> , 2018, 51, 2349-2358.	4.8	41
6	Not Only Columns: High Hole Mobility in a Discotic Nematic Mesophase Formed by Metal-Containing Porphyrin-Core Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1259-1263.	13.8	39
7	Molecular Recognition via Hydrogen Bonding in Supramolecular Complexes: A Fourier Transform Infrared Spectroscopy Study. <i>Molecules</i> , 2018, 23, 2278.	3.8	35
8	Proton conductive ionic liquid crystalline poly(ethyleneimine) polymers functionalized with oxadiazole. <i>RSC Advances</i> , 2018, 8, 37700-37706.	3.6	30
9	Janus Emulsion Biosensors for Anti-SARS-CoV-2 Spike Antibody. <i>ACS Central Science</i> , 2021, 7, 1166-1175.	11.3	28
10	High hole mobility and light-harvesting in discotic nematic dendrimers prepared <i>via</i> click chemistry. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2911-2918.	5.5	24
11	Electric-Field-Induced Chirality in Columnar Liquid Crystals. <i>Journal of the American Chemical Society</i> , 2021, 143, 9260-9266.	13.7	23
12	Thiophene-fused polyaromatics: synthesis, columnar liquid crystal, fluorescence and electrochemical properties. <i>Chemical Science</i> , 2020, 11, 4695-4701.	7.4	22
13	Controlled Movement of Complex Double Emulsions via Interfacially Confined Magnetic Nanoparticles. <i>ACS Central Science</i> , 2020, 6, 1460-1466.	11.3	21
14	Fluorescent and Electroactive Monoalkyl BTB-Based Liquid Crystals with Tunable Self-Assembling and Electronic Properties. <i>ACS Omega</i> , 2018, 3, 11857-11864.	3.5	18
15	Polymeric micelles from block copolymers containing 2,6-diacylaminopyridine units for encapsulation of hydrophobic drugs. <i>RSC Advances</i> , 2016, 6, 24066-24075.	3.6	16
16	Chelating Phosphine Ligand Stabilized AuNPs in Methane Detection. <i>ACS Nano</i> , 2020, 14, 11605-11612.	14.6	16
17	Micellar Nanocarriers from Dendritic Macromolecules Containing Fluorescent Coumarin Moieties. <i>Polymers</i> , 2020, 12, 2872.	4.5	16
18	Photoresponsive polymers and block copolymers by molecular recognition based on multiple hydrogen bonds. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3173-3184.	2.3	15

#	ARTICLE	IF	CITATIONS
19	DNA Transfection to Mesenchymal Stem Cells Using a Novel Type of Pseudodendrimer Based on 2,2-Bis(hydroxymethyl)propionic Acid. <i>Bioconjugate Chemistry</i> , 2017, 28, 1135-1150.	3.6	15
20	Liquid Crystal Organization of Calix[4]arene-Appended Schiff Bases and Recognition towards Zn <sup>2+</sup> . <i>ChemistrySelect</i> , 2017, 2, 101-109.	1.5	14
21	Making Coaxial Wires Out of Janus Dendrimers for Efficient Charge Transport. <i>ACS Macro Letters</i> , 2018, 7, 1138-1143.	4.8	14
22	Semiconducting and electropolymerizable liquid crystalline carbazole-containing porphyrin-core dendrimers. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2008-2015.	4.5	14
23	Supramolecular liquid crystalline dendrimers with a porphyrin core and functional carboxylic acid dendrons. <i>RSC Advances</i> , 2016, 6, 65179-65185.	3.6	12
24	Coumarin-Containing Pillar[5]arenes as Multifunctional Liquid Crystal Macrocycles. <i>Journal of Organic Chemistry</i> , 2020, 85, 8944-8951.	3.2	10
25	Methane Detection with a Tungsten-Calix[4]arene-Based Conducting Polymer Embedded Sensor Array. <i>Advanced Functional Materials</i> , 2021, 31, 2007281.	14.9	9
26	Photopolymers based on ethynyl-functionalized degradable polylactides by thiol-yne "Click Chemistry". <i>Polymer</i> , 2017, 117, 259-267.	3.8	6
27	Two-Photon Laser Microprinting of Highly Ordered Nanoporous Materials Based on Hexagonal Columnar Liquid Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 33746-33755.	8.0	6
28	Reconfigurable Pickering Emulsions with Functionalized Carbon Nanotubes. <i>Langmuir</i> , 2021, 37, 8204-8211.	3.5	5
29	Ionic Self-Assembly of Dendrimers. , 2022, , 85-118.		3