List of Publications by Year in descending order

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Πυνλ Μλιτρλ

#	Article	IF	CITATIONS
1	A bileâ€salt derived porous hierarchical MnO ₂ nanoflowers as electrodes for symmetric supercapacitors. Electrochemical Science Advances, 2022, 2, e2100043.	1.2	2
2	Sensitized Lanthanide Photoluminescence Based Sensors–a Review. Helvetica Chimica Acta, 2022, 105, .	1.0	10
3	Energy transfer in FRET pairs in a supramolecular hydrogel template. Chemical Communications, 2022, 58, 3162-3165.	2.2	8
4	Naked-Eye Detection of Hydrogen Peroxide on Photoluminescent Paper Discs. ACS Sensors, 2022, 7, 513-522.	4.0	16
5	Secondary Nucleation-Triggered Physical Cross-Links and Tunable Stiffness in Seeded Supramolecular Hydrogels. Journal of the American Chemical Society, 2022, 144, 11306-11315.	6.6	31
6	Theoretical background on semiconducting polymers and their applications to OSCs and OLEDs. Chemistry Teacher International, 2021, 3, 169-183.	0.9	7
7	Water in Organic Solvents: Rapid Detection by a Terbiumâ€based turnâ€off Luminescent Sensor. Asian Journal of Organic Chemistry, 2021, 10, 1695-1699.	1.3	5
8	Design, preparation and applications of gel nanocomposites from bile acids – A brief review. Journal of the Indian Chemical Society, 2021, 98, 100222.	1.3	1
9	Wireâ€Like Tipâ€Toâ€Tip Linked Assemblies of CdSeâ€CdS Quantum Rods Promoted on Supramolecular Nanofibers of Hybrid Organo―and Hydrogels. ChemNanoMat, 2020, 6, 79-88.	1.5	3
10	An Inexpensive Paperâ€Based Photoluminescent Sensor for Gallate Derived Green Tea Polyphenols. Chemistry - an Asian Journal, 2020, 15, 4023-4027.	1.7	2
11	An inexpensive and sensitive turn-on luminescence protocol for sensing formaldehyde. Chemical Communications, 2020, 56, 12061-12064.	2.2	11
12	Facile bile salt-induced synthesis of porous MnO2 nanoflowers: applications in dye removal and oxidation. SN Applied Sciences, 2020, 2, 1.	1.5	5
13	Supramolecular Gelation of Europium and Calcium Cholates through the Nucleationâ€Elongation Growth Mechanism. ChemPlusChem, 2019, 84, 853-861.	1.3	7
14	A self-assembled CdSe QD–organogel hybrid: photophysical and thermoresponsive properties. Dalton Transactions, 2018, 47, 2522-2530.	1.6	14
15	Bile Saltâ€Derived Eu ³⁺ Organogel and Hydrogel: Waterâ€Enhanced Luminescence of Eu ³⁺ in a Gel Matrix. ChemistrySelect, 2018, 3, 519-523.	0.7	15
16	Eu/Tb luminescence for alkaline phosphatase and β-galactosidase assay in hydrogels and on paper devices. Journal of Materials Chemistry B, 2018, 6, 2143-2150.	2.9	32
17	Classics. Resonance, 2018, 23, 507-515.	0.2	0
18	Ronald Breslow (1931–2017). Resonance, 2018, 23, 419-422.	0.2	1

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19	A pHâ€Triggered Synthesis of Blueâ€Emitting Au Nanoclusters and Their Luminescence Enhancement in a Metallohydrogel: Selective Detection of Pb ²⁺ through Luminescence Quenching. ChemNanoMat, 2018, 4, 846-852.	1.5	8
20	Nanofiberâ€Directed Anisotropic Selfâ€Assembly of CdSe–CdS Quantum Rods for Linearly Polarized Light Emission Evidenced by Quantum Rod Orientation Microscopy. Small, 2018, 14, e1802311.	5.2	13
21	Supramolecular Gels from Conjugates of Bile Acids and Amino Acids and Their Applications. European Journal of Organic Chemistry, 2017, 2017, 1713-1720.	1.2	23
22	A Stimuliâ€Responsive Metallohydrogel Exhibiting Cyclohexane‣ike Hydrophobicity. Chemistry - an Asian Journal, 2017, 12, 1267-1271.	1.7	10
23	Rapid Sensing of Specific Drugs at Subâ€Ppb Levels by Using a Hybrid Organic–Inorganic Photoluminescent Soft Material. Asian Journal of Organic Chemistry, 2017, 6, 1235-1239.	1.3	10
24	Ligand mediated excited state carrier relaxation dynamics of Cd1â^'xZnxSe1â^'ySy NCs derived from bile salts. Journal of Materials Chemistry C, 2017, 5, 4977-4984.	2.7	2
25	Metallogels of indium(<scp>iii</scp>) with bile salts: soft materials for nanostructured In ₂ S ₃ synthesis. Dalton Transactions, 2017, 46, 9266-9271.	1.6	13
26	Hierarchical self-assembly of photoluminescent CdS nanoparticles into a bile acid derived organogel: morphological and photophysical properties. Physical Chemistry Chemical Physics, 2017, 19, 17726-17734.	1.3	8
27	In situ formation of luminescent CdSe QDs in a metallohydrogel: a strategy towards synthesis, isolation, storage and re-dispersion of the QDs. Nanoscale, 2017, 9, 13820-13827.	2.8	13
28	Instant room temperature synthesis of self-assembled emission-tunable gold nanoclusters: million-fold emission enhancement and fluorimetric detection of Zn ²⁺ . Nanoscale, 2017, 9, 15494-15504.	2.8	38
29	Luminescence Resonance Energy Transfer in a Multipleâ€Component, Selfâ€Assembled Supramolecular Hydrogel. Angewandte Chemie, 2017, 129, 10870-10874.	1.6	12
30	Luminescence Resonance Energy Transfer in a Multipleâ€Component, Selfâ€Assembled Supramolecular Hydrogel. Angewandte Chemie - International Edition, 2017, 56, 10730-10734.	7.2	69
31	A novel strategy towards designing a CdSe quantum dot–metallohydrogel composite material. Nanoscale, 2016, 8, 14979-14985.	2.8	19
32	Fall and rise of a D2O ice cube in liquid H2O. Resonance, 2016, 21, 453-456.	0.2	0
33	Supramolecular Approach to Enzyme Sensing on Paper Discs Using Lanthanide Photoluminescence. ACS Sensors, 2016, 1, 934-940.	4.0	58
34	Continuous synthesis of high quality CdSe quantum dots in supercritical fluids. Journal of Materials Chemistry C, 2015, 3, 7561-7566.	2.7	30
35	The importance of asking questions-in different ways!. Resonance, 2015, 20, 73-75.	0.2	1
36	White light emitting soft materials from off-the-shelf ingredients. Journal of Materials Chemistry C, 2015, 3, 5885-5889.	2.7	33

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37	Hydrogelation of bile acid–peptide conjugates and in situ synthesis of silver and gold nanoparticles in the hydrogel matrix. RSC Advances, 2015, 5, 90712-90719.	1.7	27
38	Tripodal Bile Acid Architectures Based on a Triarylphosphine Oxide Core Obtained by Copperâ€Catalysed [1,3]â€Dipolar Cycloaddition: Synthesis and Preliminary Aggregation Studies. European Journal of Organic Chemistry, 2014, 2014, 1406-1415.	1.2	9
39	A room temperature, templated synthesis of lanthanide trifluoride nanoparticles and their unusual self-assembly. Journal of Materials Chemistry C, 2014, 2, 1597.	2.7	21
40	Remarkable isomer-selective gelation of aromatic solvents by a polymorph of a urea-linked bile acid–amino acid conjugate. RSC Advances, 2014, 4, 43167-43171.	1.7	14
41	An easily prepared palladium-hydrogel nanocomposite catalyst for C–C coupling reactions. Journal of Materials Chemistry A, 2014, 2, 18952-18958.	5.2	57
42	Tb3+ sensitization in a deoxycholate organogel matrix, and selective quenching of luminescence by an aromatic nitro derivative. Dalton Transactions, 2013, 42, 15381.	1.6	17
43	Cadmium deoxycholate: a new and efficient precursor for highly luminescent CdSe nanocrystals. Journal of Materials Chemistry C, 2013, 1, 2136.	2.7	19
44	Organophotocatalysis in nanostructured soft gel materials as tunable reaction vessels: comparison with homogeneous and micellar solutions. Journal of Materials Chemistry A, 2013, 1, 4577.	5.2	38
45	Organogels from Dimeric Bile Acid Esters: In Situ Formation of Gold Nanoparticles. Journal of Physical Chemistry B, 2013, 117, 8039-8046.	1.2	44
46	Hybrid organogels and aerogels from co-assembly of structurally different low molecular weight gelators. Journal of Materials Chemistry C, 2013, 1, 3305.	2.7	30
47	Multi-component, Self-assembled, Functional Soft Materials. Chimia, 2013, 67, 44-50.	0.3	12
48	Metal cholate hydrogels: versatile supramolecular systems for nanoparticle embedded soft hybrid materials. Journal of Materials Chemistry, 2012, 22, 18268.	6.7	87
49	A novel "pro-sensitizer―based sensing of enzymes using Tb(iii) luminescence in a hydrogel matrix. Chemical Communications, 2012, 48, 4624.	2.2	51
50	Charge-transfer interaction mediated organogels from bile acid appended anthracenes: rheological and microscopic studies. Photochemical and Photobiological Sciences, 2012, 11, 1724-1729.	1.6	15
51	Synthesis of Cholic Acid Oligomer–Taurine Conjugates: A Study of Their Aggregation and Cholesterol Solubilization. European Journal of Organic Chemistry, 2012, 2012, 3658-3664.	1.2	5
52	Self-assembled composite nano-materials exploiting a thermo reversible n-acene fibrillar scaffold and organic-capped ZnO nanoparticles. Journal of Materials Chemistry, 2011, 21, 2740.	6.7	30
53	Self-organization of multiple components in a steroidal hydrogel matrix: design, construction and studies on novel tunable luminescent gels and xerogels. Soft Matter, 2011, 7, 8207.	1.2	72
54	Perfluoroalkyl bile esters: a new class of efficient gelators of organic and aqueous–organic media. Journal of Materials Chemistry, 2011, 21, 14693.	6.7	24

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55	Protonation and deprotonation induced organo/hydrogelation: Bile acid derived gelators containing a basic side chain. Beilstein Journal of Organic Chemistry, 2011, 7, 304-309.	1.3	20
56	Pyrene appended bile acid conjugates: Synthesis and a structure–gelation property study. Journal of Chemical Sciences, 2011, 123, 379-391.	0.7	10
57	Use of isotopes for studying reaction mechanisms. Resonance, 2011, 16, 1315-1323.	0.2	1
58	Spectroscopic, microscopic and first rheological investigations in charge-transfer interaction induced organogels. Journal of Materials Chemistry, 2010, 20, 7227.	6.7	40
59	Supramolecular Chirality in Organogels: A Detailed Spectroscopic, Morphological, and Rheological Investigation of Gels (and Xerogels) Derived from Alkyl Pyrenyl Urethanes. Langmuir, 2010, 26, 16141-16149.	1.6	52
60	Structural Relationships in 2,3-Bis- <i>n</i> -decyloxyanthracene and 12-Hydroxystearic Acid Molecular Gels and Aerogels Processed in Supercritical CO ₂ . Journal of Physical Chemistry B, 2010, 114, 11409-11419.	1.2	22
61	A self-assembled, luminescent europium cholate hydrogel: a novel approach towards lanthanide sensitization. Chemical Communications, 2010, 46, 8642.	2.2	86
62	Unraveling the packing pattern leading to gelation using SS NMR and X-ray diffraction: direct observation of the evolution of self-assembled fibers. Soft Matter, 2010, 6, 1748.	1.2	43
63	Side chain structure determines unique physiologic and therapeutic properties of norursodeoxycholic acid in Mdr2â^'/â~' mice. Hepatology, 2009, 49, 1972-1981.	3.6	135
64	Supramolecular gels â€~in action'. Journal of Materials Chemistry, 2009, 19, 6649.	6.7	405
65	Bile Acid Derived PETâ€Based Cation Sensors: Molecular Structure Dependence of their Sensitivity. Chemistry - an Asian Journal, 2009, 4, 989-997.	1.7	4
66	Hybrid Materials Combining Photoactive 2,3-DidecyloxyAnthracene Physical Gels and Gold Nanoparticles. Chemistry of Materials, 2009, 21, 3424-3432.	3.2	61
67	Self-Assembly of Bile Steroid Analogues: Molecules, Fibers, and Networks. Journal of Physical Chemistry B, 2009, 113, 8252-8267.	1.2	28
68	Facially amphiphilic thiol capped gold and silver nanoparticles. Journal of Chemical Sciences, 2008, 120, 507-513.	0.7	22
69	Unlocking the potential of bile acids in synthesis, supramolecular/materials chemistry and nanoscience. Organic and Biomolecular Chemistry, 2008, 6, 657.	1.5	120
70	Structural and Rheological Properties of Aqueous Viscoelastic Solutions and Gels of Tripodal Cholamide-Based Self-Assembled Supramolecules. Journal of Physical Chemistry B, 2008, 112, 13483-13492.	1.2	12
71	Simple esters of cholic acid as potent organogelators: direct imaging of the collapse of SAFINs. Soft Matter, 2007, 3, 1428.	1.2	32
72	Cul-Mediated Cross-Coupling of Aryl Halides with Oximes:Â A Direct Access toO-Aryloximes. Organic Letters, 2007, 9, 2767-2770.	2.4	65

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73	Hydrogels as Reaction Vessels: Acenaphthylene Dimerization in Hydrogels Derived from Bile Acid Analogues. Molecules, 2007, 12, 2181-2189.	1.7	33
74	First Chemical Synthesis, Aggregation Behavior and Cholesterol Solubilization Properties of Pythocholic Acid and 161±-Hydroxycholic Acid. European Journal of Organic Chemistry, 2007, 2007, 3331-3336.	1.2	17
75	Low molecular mass cationic gelators derived from deoxycholic acid: remarkable gelation of aqueous solvents. Tetrahedron, 2007, 63, 7309-7320.	1.0	36
76	Multiple Chromophore Labeled Novel Bile Acid Dendrimers for Light Harvesting. Macromolecules, 2006, 39, 7931-7940.	2.2	21
77	A Simple and General Strategy for the Design of Fluorescent Cation Sensor Beads¶. Organic Letters, 2006, 8, 3239-3242.	2.4	39
78	Molecular Hydrogels from Bile Acid Analogues with Neutral Side Chains:Â Network Architectures and Viscoelastic Properties. Junction Zones, Spherulites, and Crystallites:Â Phenomenological Aspects of the Gel Metastability. Journal of Physical Chemistry B, 2006, 110, 15224-15233.	1.2	96
79	Hydroxyl-Terminated Dendritic Oligomers from Bile Acids:  Synthesis and Properties. Journal of Organic Chemistry, 2006, 71, 768-774.	1.7	25
80	Nanoparticleâ ~ Gel Hybrid Material Designed with Bile Acid Analogues. Chemistry of Materials, 2006, 18, 4224-4226.	3.2	68
81	Adaptive Dendron:  A Bile Acid Oligomer Behaving asBothNormal and Inverse Micellar Mimic. Organic Letters, 2006, 8, 399-402.	2.4	20
82	Hydrogel-assisted synthesis of nanotubes and nanorods of CdS, ZnS and CuS, showing some evidence for oriented attachment. Chemical Physics Letters, 2006, 432, 190-194.	1.2	74
83	Self-assembled nanoribbons and nanotubes in water: energetic vs entropic networks. Rheologica Acta, 2006, 45, 435-443.	1.1	15
84	Supramolecular Chemistry of Bile Acid Derivatives: Formation of Gels. Macromolecular Symposia, 2006, 241, 60-67.	0.4	55
85	Supramolecular gels: Functions and uses. Chemical Society Reviews, 2005, 34, 821.	18.7	1,885
86	Self-Assembled Networks of Ribbons in Molecular Hydrogels of Cationic Deoxycholic Acid Analogues. Journal of Physical Chemistry B, 2005, 109, 12270-12276.	1.2	29
87	Synthesis and in vitro cholesterol dissolution by 23- and 24-phosphonobile acids. Steroids, 2005, 70, 681-689.	0.8	19
88	Micellar aggregates and hydrogels from phosphonobile salts. Organic and Biomolecular Chemistry, 2005, 3, 3695.	1.5	23
89	Selective and Unusual Fluoride Ion Complexation by A Steroidal Receptor Using OHF-and CHF-Interactions:  A New Motif for Anion Coordination?. Organic Letters, 2005, 7, 1441-1444.	2.4	97
90	A Simple Construction of a Bile Acid Based Dendritic Light Harvesting System. Organic Letters, 2005, 7, 2727-2730.	2.4	20

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91	Structure and Dynamics of a Molecular Hydrogel Derived from a Tripodal Cholamide. Journal of the American Chemical Society, 2004, 126, 15905-15914.	6.6	93
92	Facile Synthesis, Aggregation Behavior, and Cholesterol Solubilization Ability of Avicholic Acid. Organic Letters, 2004, 6, 31-34.	2.4	18
93	Properties of Hydrogels Derived from Cationic Analogues of Bile Acid:Â Remarkably Distinct Flowing Characteristics. Journal of Physical Chemistry B, 2004, 108, 16056-16063.	1.2	70
94	A new bile acid-derived lariat-ether: Design, synthesis and cation binding properties. Journal of Chemical Sciences, 2003, 115, 607-612.	0.7	9
95	Pyrene-Derived Novel One- and Two-Component Organogelators. Chemistry - A European Journal, 2003, 9, 1922-1932.	1.7	139
96	Dynamics of Bound Dyes in a Nonpolymeric Aqueous Gel Derived from a Tripodal Bile Salt. Journal of Physical Chemistry B, 2003, 107, 2189-2192.	1.2	35
97	Efficient Syntheses of Benzothiazepines as Antagonists for the Mitochondrial Sodiumâ^'Calcium Exchanger:Â Potential Therapeutics for Type II Diabetes. Journal of Organic Chemistry, 2003, 68, 92-103.	1.7	48
98	First synthesis of phosphonobile acids and preliminary studies on their aggregation properties. Steroids, 2003, 68, 459-463.	0.8	15
99	5-Enolpyruvylshikimate 3-Phosphate Synthase:Â Chemical Synthesis of the Tetrahedral Intermediate and Assignment of the Stereochemical Course of the Enzymatic Reaction. Journal of the American Chemical Society, 2003, 125, 12759-12767.	6.6	14
100	Hydrogel route to nanotubes of metal oxides and sulfates. Journal of Materials Chemistry, 2003, 13, 2118.	6.7	105
101	Novel Cationic and Neutral Analogues of Bile Acids:  Synthesis and Preliminary Study of Their Aggregation Properties. Langmuir, 2002, 18, 7154-7157.	1.6	49
102	Design and Synthesis of Novel Chiral Dendritic Species Derived from Bile Acids. Journal of Organic Chemistry, 2001, 66, 3035-3040.	1.7	31
103	Helical aggregates from a chiral organogelator. Tetrahedron: Asymmetry, 2001, 12, 477-480.	1.8	37
104	Hydrophobic Pockets in a Nonpolymeric Aqueous Gel: Observation of such a Gelation Process by Color Change. Angewandte Chemie - International Edition, 2001, 40, 2281-2283.	7.2	169
105	Highly Diastereoselective Synthesis of the 1,1â€~-Binaphthol Unit on a Bile Acid Template. Journal of Organic Chemistry, 2000, 65, 8239-8244.	1.7	25
106	Bile Acid-Derived Molecular Tweezers:Â Study of Solvent Effects in Binding, and Determination of Thermodynamic Parameters by an Extraction-Based Protocol. Journal of Organic Chemistry, 2000, 65, 7764-7769.	1.7	51
107	Colour reactions of Co (II). Resonance, 1999, 4, 88-89.	0.2	0
108	Binding of 9-N-Butyladenine by Carboxylic Acids:Â Evidence that Hoogsteen Binding Can Dominate in Solution. Journal of Physical Chemistry B, 1999, 103, 4528-4533.	1.2	14

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109	Aqueous organotin chemistry: Tin hydride mediated dehalogenation of organohalides and a novel organotin mediated nucleophilic substitution on 2-iodobenzoates in water. Tetrahedron, 1998, 54, 4965-4976.	1.0	18
110	Synthesis and Cation Binding Properties of New Bile Acid-based Crown Ethers. Supramolecular Chemistry, 1998, 10, 97-106.	1.5	15
111	A New Bile Acid-based Ditopic Adenine/Biotin Receptor with Convergent Carboxyl Groups. Supramolecular Chemistry, 1998, 9, 325-328.	1.5	13
112	Use of isotopes for studying reaction mechanisms. Resonance, 1997, 2, 18-25.	0.2	4
113	Use of isotopes for studying reaction mechanisms. Resonance, 1997, 2, 29-37.	0.2	0
114	Use of isotopes for studying reaction mechanisms. Resonance, 1997, 2, 47-53.	0.2	1
115	Use of isotopes for studying reaction mechanisms. Resonance, 1997, 2, 23-28.	0.2	3
116	Organic reaction mechanisms. Resonance, 1997, 2, 87-88.	0.2	0
117	Think it over. Resonance, 1997, 2, 95-96.	0.2	0
118	Design, Synthesis, and Evaluation of Bile Acid-Based Molecular Tweezers. Journal of Organic Chemistry, 1996, 61, 9494-9502.	1.7	77
119	Molecule of the month. Resonance, 1996, 1, 83-87.	0.2	0
120	Molecule of the month. Resonance, 1996, 1, 111-113.	0.2	0
121	The seven component coupling. Resonance, 1996, 1, 105-106.	0.2	0
122	Molecule of the month. Resonance, 1996, 1, 90-91.	0.2	0
123	Classroom. Resonance, 1996, 1, 92-97.	0.2	1
124	Molecule of the month. Resonance, 1996, 1, 62-64.	0.2	0
125	A Convenient Method for the Synthesis Of Tröger's Base Analogues. Synthetic Communications, 1995, 25, 1849-1856.	1.1	24
126	Template directed asymmetric synthesis of the 1,1′-binaphthol unit. Tetrahedron Letters, 1995, 36, 3749-3750.	0.7	16

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127	Asymmetric Diels-Alder Reactions of Chiral Acrylates of Cholic Acid Derivatives. Journal of Organic Chemistry, 1995, 60, 364-369.	1.7	26
128	Diastereoselective reduction of \hat{l}_{\pm} -keto esters derived from functionalised cholic acid. Tetrahedron: Asymmetry, 1994, 5, 1171-1174.	1.8	42
129	Synthesis and Cation Binding Properties of a Novel "Chola-Crown". Journal of Organic Chemistry, 1994, 59, 6114-6115.	1.7	33
130	First asymmetric synthesis of the Troger's base unit on a chiral template. Journal of Organic Chemistry, 1992, 57, 6979-6981.	1.7	39
131	Synthesis of "iso-EPSP" and evaluation of its interaction with chorismate synthase. Journal of the American Chemical Society, 1986, 108, 8068-8071.	6.6	33
132	Selective diels-alder reactions in aqueous solutions and suspensions. Tetrahedron Letters, 1983, 24, 1901-1904.	0.7	369