

Raquel Giménez

List of Publications by Year in descending order

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43
papers

1,605
citations

304743

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289244

40
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45
all docs

45
docs citations

45
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled π -Cyanostilbenes for Advanced Functional Materials. <i>Advanced Materials</i> , 2018, 30, 1704161.	21.0	177
2	Tetrahedral Zinc Complexes with Liquid Crystalline and Luminescent Properties: Interplay Between Nonconventional Molecular Shapes and Supramolecular Mesomorphic Order. <i>Journal of the American Chemical Society</i> , 2007, 129, 11608-11618.	13.7	171
3	(Pyrazolato)gold Complexes Showing Room-Temperature Columnar Mesophases. <i>Synthesis, Properties, and Structural Characterization. Inorganic Chemistry</i> , 1998, 37, 2960-2967.	4.0	96
4	Pyrazolate-Gold Rings: Trinuclear Complexes That Form Columnar Mesophases at Room Temperature. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2832-2835.	4.4	94
5	Tris(triazolyl)triazine via Click-Chemistry: A C_3 Electron-Deficient Core with Liquid Crystalline and Luminescent Properties. <i>Organic Letters</i> , 2010, 12, 1404-1407.	4.6	90
6	Controlled Molecular Conformation and Morphology in Poly(amidoamine) (PAMAM) and Poly(propyleneimine) (DAB) Dendrimers. <i>Macromolecules</i> , 2002, 35, 370-381.	4.8	86
7	Functional star-shaped tris(triazolyl)triazines: columnar liquid crystal, fluorescent, solvatochromic and electrochemical properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 7797.	6.7	79
8	H-Bonded Donor-Acceptor Units Segregated in Coaxial Columnar Assemblies: Toward High Mobility Ambipolar Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2016, 138, 12511-12518.	13.7	68
9	Mesogenic Pyrazaboles: Synthesis, Properties, and Structural Characterization. <i>Chemistry of Materials</i> , 2000, 12, 481-489.	6.7	63
10	Mesomorphism of a tetrahedral zinc complex. <i>Chemical Communications</i> , 2004, , 2064-2065.	4.1	47
11	Self-Assembly in Helical Columnar Mesophases and Luminescence of Chiral 1H-Pyrazoles. <i>Chemistry - A European Journal</i> , 2009, 15, 9017-9023.	3.3	47
12	Self-organization of star-shaped columnar liquid crystals with a coaxial nanophase segregation revealed by a combined experimental and simulation approach. <i>Chemical Communications</i> , 2015, 51, 1811-1814.	4.1	39
13	Supramolecular Columnar Liquid Crystals Formed by Hydrogen Bonding between a Clicked Star-shaped C_3 Triazine and Benzoic Acids. <i>Chemistry - A European Journal</i> , 2015, 21, 8859-8866.	3.3	37
14	Beyond liquid crystals: new research trends for mesogenic molecules in liquids. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14454-14470.	5.5	36
15	beta-Diketone, pyrazole and isoxazole derivatives with polar groups: Liquid crystalline and non-linear optical properties. <i>Liquid Crystals</i> , 1997, 22, 265-273.	2.2	32
16	Self-assembly of 4-aryl-1H-pyrazoles as a novel platform for luminescent supramolecular columnar liquid crystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3119.	5.5	32
17	Silver Pyrazolates as Coordination-Polymer Luminescent Metallomesogens. <i>Chemistry - A European Journal</i> , 2010, 16, 14545-14553.	3.3	31
18	Pyrazaboles: New room-temperature columnar liquid crystals. <i>Advanced Materials</i> , 1994, 6, 470-472.	21.0	30

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19	The Boat Conformation in Pyrazaboles. A Theoretical and Experimental Study. <i>Crystal Growth and Design</i> , 2008, 8, 838-847.	3.0	30
20	Rhodium(I) and Iridium(I) Complexes Containing β^2 -Diketonate or Pyrazole Ligands. <i>Liquid Crystal and Nonlinear Optical Properties</i> . <i>Inorganic Chemistry</i> , 1999, 38, 3085-3092.	4.0	29
21	Synthesis, Characterization, and Induction of Stable Anisotropy in Liquid Crystalline Photo-addressable PPI Dendrimers. <i>Chemistry of Materials</i> , 2007, 19, 235-246.	6.7	29
22	Self-assembly and luminescence of pyrazole supergelators. <i>Soft Matter</i> , 2012, 8, 6799.	2.7	24
23	Supramolecular Structures and Columnar Mesophase Induction in Nondiscoid Pyrazoles by Complexation to Rhodium(I). <i>Inorganic Chemistry</i> , 2006, 45, 10363-10370.	4.0	22
24	Liquid crystalline copper(<i>scp</i>) complexes with bright room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6552-6557.	5.5	22
25	Bent-Core Liquid Crystals from Roof-Shaped Boron Coordination Compounds: Synthesis, Characterization, Dielectric, and Electro-Optic Studies. <i>Chemistry of Materials</i> , 2007, 19, 6230-6239.	6.7	18
26	Roof-Shaped Pyrazaboles as a Structural Motif for Bent-Core Liquid Crystals. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5175-5177.	13.8	18
27	Decisive Influence of the Metal in Multifunctional Gold, Silver, and Copper Metallacycles: High Quantum Yield Phosphorescence, Color Switching, and Liquid Crystalline Behavior. <i>Inorganic Chemistry</i> , 2018, 57, 12632-12640.	4.0	18
28	Multifunctional Supramolecular Dendrimers with an <i>s</i> -Triazine Ring as the Central Core: Liquid Crystalline, Fluorescence and Photoconductive Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 10027-10037.	3.3	17
29	Chiral Cyclic Trinuclear Gold(I) Complexes with a Helical Columnar Phase. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1165-1173.	2.0	14
30	«Goldene» Pyrazolatringe – Dreikernkomplexe, die bei Raumtemperatur columnare Mesophasen bilden. <i>Angewandte Chemie</i> , 1996, 108, 3048-3051.	2.0	13
31	Supramolecular Architecture in Langmuir Films of a Luminescent Ionic Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18827-18834.	3.1	11
32	Bent-core luminescent and electroactive bis(triazolyl)triazines with compact columnar mesomorphism. <i>RSC Advances</i> , 2014, 4, 23554.	3.6	11
33	Supramolecular Columnar Liquid Crystals with Tapered Shape Simple Pyrazoles Obtained by Efficient Henry/Michael Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 4924-4930.	3.3	11
34	Liquid crystalline dendrimers based on cinnamates and coumarins. <i>Liquid Crystals</i> , 2016, 43, 1408-1421.	2.2	9
35	Liquid crystalline dendrimers containing photoactive cinnamate units. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3499-3512.	2.3	8
36	Inspecting the Electronic Architecture and Semiconducting Properties of a Rosette-Like Supramolecular Columnar Liquid Crystal. <i>Chemistry - A European Journal</i> , 2018, 24, 17459-17463.	3.3	8

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37	Triphenylamine- and triazine-containing hydrogen bonded complexes: liquid crystalline supramolecular semiconductors. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1972-1982.	5.5	7
38	Manipulation of Supramolecular Columnar Structures of H-Bonded Donor-Acceptor Units through Geometrical Nanoconfinement. <i>ChemPhysChem</i> , 2019, 20, 890-897.	2.1	5
39	On the Structure and Chiral Aggregation of Liquid Crystalline Star-Shaped Triazines H-Bonded to Benzoic Acids. <i>Chemistry - A European Journal</i> , 2020, 26, 15313-15322.	3.3	5
40	Influence of the liquid crystal behaviour on the Langmuir and Langmuir-Blodgett film supramolecular architecture of an ionic liquid crystal. <i>Journal of Colloid and Interface Science</i> , 2012, 375, 94-101.	9.4	4
41	On-Surface Crystallization Behaviors of H-Bond Donor-Acceptor Complexes at Liquid/Solid Interfaces. <i>Langmuir</i> , 2019, 35, 8935-8942.	3.5	4
42	Structural Diversity of Hydrogen-Bonded 4-Aryl-3,5-Dimethylpyrazoles for Supramolecular Materials. <i>Materials</i> , 2021, 14, 4550.	2.9	3
43	Self-Assembly of Clicked Star-Shaped Triazines into Functional Nanostructures. <i>ChemNanoMat</i> , 2019, 5, 130-137.	2.8	2