

Mara J Mayoral

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,308
citations

22
h-index

35
g-index

48
ext. papers

1,422
ext. citations

6.7
avg, IF

4.46
L-index

#	Paper	IF	Citations
45	The Role of Peripheral Amide Groups as Hydrogen-Bonding Directors in the Tubular Self-Assembly of Dinucleobase Monomers. <i>ChemPlusChem</i> , 2021 , 86, 1087-1096	2.8	1
44	Dual-Mode Chiral Self-Assembly of Cone-Shaped Subphthalocyanine Aromatics. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21017-21031	16.4	9
43	Polar columnar assemblies of subphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 33-42	1.8	2
42	Noncovalent Synthesis of Self-Assembled Nanotubes through Decoupled Hierarchical Cooperative Processes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16432-16438	16.4	17
41	Guidelines for the assembly of hydrogen-bonded macrocycles. <i>Chemical Communications</i> , 2019 , 55, 7277-7299	16.4	16
40	Self-Assembly of Diacetylene-Bridged Phenylenevinylene Oligomers in Water and Organic Solvents. <i>ChemPlusChem</i> , 2019 , 84, 488-492	2.8	3
39	Reversible dispersion and release of carbon nanotubes cooperative clamping interactions with hydrogen-bonded nanorings. <i>Chemical Science</i> , 2018 , 9, 4176-4184	9.4	12
38	Exploiting N ⁺ H...Cl ⁻ Hydrogen Bonding Interactions in Cooperative Metallosupramolecular Polymerization. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800191	4.8	16
37	Impact of Conformational Effects on the Ring-Chain Equilibrium of Hydrogen-Bonded Dinucleosides. <i>Chemistry - A European Journal</i> , 2018 , 24, 11983-11991	4.8	12
36	Understanding complex supramolecular landscapes: non-covalent macrocyclization equilibria examined by fluorescence resonance energy transfer. <i>Chemical Science</i> , 2018 , 9, 7809-7821	9.4	19
35	Mechanosensitive Gold Colloidal Membranes Mediated by Supramolecular Interfacial Self-Assembly. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1120-1128	16.4	20
34	How Large Can We Build a Cyclic Assembly? Impact of Ring Size on Chelate Cooperativity in Noncovalent Macrocyclizations. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15649-15653	16.4	19
33	Dye-conjugated complementary lipophilic nucleosides as useful probes to study association processes by fluorescence resonance energy transfer. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7558-7565	3.9	9
32	How Large Can We Build a Cyclic Assembly? Impact of Ring Size on Chelate Cooperativity in Noncovalent Macrocyclizations. <i>Angewandte Chemie</i> , 2017 , 129, 15855-15859	3.6	9
31	Control over the Self-Assembly Modes of Pt(II) Complexes by Alkyl Chain Variation: From Slipped to Parallel π -Stacks. <i>Chemistry - A European Journal</i> , 2016 , 22, 7810-6	4.8	28
30	Role of the Symmetry of Multipoint Hydrogen Bonding on Chelate Cooperativity in Supramolecular Macrocyclization Processes. <i>Angewandte Chemie</i> , 2016 , 128, 231-235	3.6	10
29	Role of the Symmetry of Multipoint Hydrogen Bonding on Chelate Cooperativity in Supramolecular Macrocyclization Processes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 223-7	16.4	32

28	Hydrogen-Bonded Macrocyclic Supramolecular Systems in Solution and on Surfaces. <i>ChemistryOpen</i> , 2016 , 5, 10-32	2.3	41
27	Non-centrosymmetric homochiral supramolecular polymers of tetrahedral subphthalocyanine molecules. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2543-7	16.4	51
26	High-fidelity noncovalent synthesis of hydrogen-bonded macrocyclic assemblies. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6780-4	16.4	57
25	High-Fidelity Noncovalent Synthesis of Hydrogen-Bonded Macrocyclic Assemblies. <i>Angewandte Chemie</i> , 2015 , 127, 6884-6888	3.6	22
24	Non-Centrosymmetric Homochiral Supramolecular Polymers of Tetrahedral Subphthalocyanine Molecules. <i>Angewandte Chemie</i> , 2015 , 127, 2573-2577	3.6	17
23	G-arylated hydrogen-bonded cyclic tetramer assemblies with remarkable thermodynamic and kinetic stability. <i>Organic Letters</i> , 2015 , 17, 2664-7	6.2	33
22	H-aggregates of oligophenyleneethynylene (OPE)-BODIPY systems in water: guest size-dependent encapsulation mechanism and co-aggregate morphology. <i>Chemistry - A European Journal</i> , 2014 , 20, 10669-78	4.8	57
21	Selbstorganisation und Bildung von (Hydro-)Gelen durch kooperative H-Wechselwirkungen und unkonventionelle C-H...X-Wasserstoffbrücken. <i>Angewandte Chemie</i> , 2014 , 126, 716-722	3.6	38
20	Self-assembly and (hydro)gelation triggered by cooperative H and unconventional C-H...X hydrogen bonding interactions. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 700-5	16.4	118
19	Cooperative supramolecular polymerization driven by metallophilic Pd...Pd interactions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2148-51	16.4	120
18	Aqueous self-sorting in extended supramolecular aggregates. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 1541-65	6.3	40
17	Alternated stacks of nonpolar oligo(p-phenyleneethynylene)-BODIPY systems. <i>Chemistry - A European Journal</i> , 2012 , 18, 14957-61	4.8	41
16	Narcissistic versus social self-sorting of oligophenyleneethynylene derivatives: from isodesmic self-assembly to cooperative co-assembly. <i>Chemistry - A European Journal</i> , 2012 , 18, 15607-11	4.8	43
15	Metallosupramolecular amphiphilic systems. <i>Chemical Science</i> , 2012 , 3, 1395	9.4	59
14	Alkoxy-substituted difluoroboron benzoylmethanes for photonics applications: a photophysical and spectroscopic study. <i>Dalton Transactions</i> , 2011 , 40, 377-83	4.3	43
13	Exploring photophysical properties of new boron and palladium(II) complexes with diketone pyridine type ligands: from liquid crystals to metal fluorescence probes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1255-1263		31
12	Pyridyl and pyridiniumyl diketones as building blocks for palladium(II) and allylpalladium(II) isomers. Multinuclear NMR structural elucidation and liquid crystal behaviour. <i>New Journal of Chemistry</i> , 2011 , 35, 1020	3.6	10
11	Diphosphines and pyrazole/pyrazolate-type ligands as building blocks in luminescent Au(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2789-2796	2.3	9

10	Luminescent liquid crystal materials based on unsymmetrical boron difluoride β -diketonate adducts. <i>New Journal of Chemistry</i> , 2010 , 34, 2937	3.6	27
9	Silver pyrazole complexes with tunable liquid crystals and luminescent properties. <i>New Journal of Chemistry</i> , 2010 , 34, 2766	3.6	28
8	Ionic liquid crystals from β -diketonyl containing pyridinium cations and tetrachlorozincate anions. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 214-218	3.1	13
7	Silver and gold luminescent metallomesogens based on pyrazole ligands. <i>Dalton Transactions</i> , 2008 , 6912-24	2.3	45
6	Mesomorphism of Four-Coordinated Four-Chained Metal Complexes Based on Pyrazolylpyridine Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 481, 34-55	0.5	12
5	Luminescence of neutral and ionic gold(I) complexes containing pyrazole or pyrazolate-type ligands. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 1690-1697	2.3	40
4	The 3,5-dimethyl-4-nitropyrazole ligand in the construction of supramolecular networks of silver(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4093-4105	2.3	19
3	Silver and Gold Trinuclear Complexes Based on 3-Substituted or 3,5-Disubstituted Pyrazolato Ligands. X-Ray Crystal Structure of cyclo-Tris{[3,5-bis(4-phenoxyphenyl)-1H-pyrazolato-N1 : N2]}trigold Dichloromethane ($C_{42}H_{30}F_2N_6O_4$). <i>Inorganic Chemistry Communication</i> , 2007 , 10, 275-278	2	32
2	Reactivity of bis(long chain substituted β -diketonato)palladium(II) [Pd(OOR) ₂] towards HBF ₄ : formation of luminescent [BF ₂ (OOR) ₂] derivatives. X-ray structure of [1,3-di(4-n-butoxyphenyl)propane-1,3-dionato]difluoroboron(III). <i>Inorganic Chemistry Communication</i> , 2004 , 7, 974-978	3.1	9
1	Pyridylpyrazole derivatives. A new type of mesogenic bidentate ligands inducing mesomorphism on their related PdX ₂ complexes. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 626-629	3.1	18