

# Mara J Mayoral

## List of Publications by Citations

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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	Cooperative supramolecular polymerization driven by metallophilic Pd...Pd interactions. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2148-51	16.4	120
44	Self-assembly and (hydro)gelation triggered by cooperative H-bond and unconventional C-H...X hydrogen bonding interactions. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 700-5	16.4	118
43	Metallosupramolecular amphiphilic systems. <i>Chemical Science</i> , <b>2012</b> , 3, 1395	9.4	59
42	High-fidelity noncovalent synthesis of hydrogen-bonded macrocyclic assemblies. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 6780-4	16.4	57
41	H-aggregates of oligophenyleneethynylene (OPE)-BODIPY systems in water: guest size-dependent encapsulation mechanism and co-aggregate morphology. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 10669-78	4.8	57
40	Non-centrosymmetric homochiral supramolecular polymers of tetrahedral subphthalocyanine molecules. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2543-7	16.4	51
39	Silver and gold luminescent metallomesogens based on pyrazole ligands. <i>Dalton Transactions</i> , <b>2008</b> , 6912-24	2.3	45
38	Narcissistic versus social self-sorting of oligophenyleneethynylene derivatives: from isodesmic self-assembly to cooperative co-assembly. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 15607-11	4.8	43
37	Alkoxy-substituted difluoroboron benzoylmethanes for photonics applications: a photophysical and spectroscopic study. <i>Dalton Transactions</i> , <b>2011</b> , 40, 377-83	4.3	43
36	Alternated stacks of nonpolar oligo(p-phenyleneethynylene)-BODIPY systems. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 14957-61	4.8	41
35	Hydrogen-Bonded Macrocyclic Supramolecular Systems in Solution and on Surfaces. <i>ChemistryOpen</i> , <b>2016</b> , 5, 10-32	2.3	41
34	Aqueous self-sorting in extended supramolecular aggregates. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 1541-65	6.3	40
33	Luminescence of neutral and ionic gold(I) complexes containing pyrazole or pyrazolate-type ligands. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 1690-1697	2.3	40
32	Selbstorganisation und Bildung von (Hydro-)Gelen durch kooperative H-Wechselwirkungen und unkonventionelle C-H...X-Wasserstoffbrücken. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 716-722	3.6	38
31	G-arylated hydrogen-bonded cyclic tetramer assemblies with remarkable thermodynamic and kinetic stability. <i>Organic Letters</i> , <b>2015</b> , 17, 2664-7	6.2	33
30	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- $\text{N}1 : \text{N}2$ ]}trigold Dichloromethane ([Au( $\text{C}_{10}\text{H}_7\text{N}_2$ ) $\text{pz}^{\text{pp}_2}$ )] $_3$ ·CH $_2$ Cl $_2$ ). <i>Helvetica Chimica Acta</i> , <b>2004</b> , 87, 250-263	2	32
29	Role of the Symmetry of Multipoint Hydrogen Bonding on Chelate Cooperativity in Supramolecular Macrocyclization Processes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 223-7	16.4	32

28	Exploring photophysical properties of new boron and palladium(II) complexes with $\beta$ -diketone pyridine type ligands: from liquid crystals to metal fluorescence probes. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 1255-1263		31
27	Silver pyrazole complexes with tunable liquid crystals and luminescent properties. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2766	3.6	28
26	Control over the Self-Assembly Modes of Pt(II) Complexes by Alkyl Chain Variation: From Slipped to Parallel $\pi$ -Stacks. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 7810-6	4.8	28
25	Luminescent liquid crystal materials based on unsymmetrical boron difluoride $\beta$ -diketonate adducts. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2937	3.6	27
24	High-Fidelity Noncovalent Synthesis of Hydrogen-Bonded Macrocyclic Assemblies. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 6884-6888	3.6	22
23	Mechanosensitive Gold Colloidal Membranes Mediated by Supramolecular Interfacial Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 1120-1128	16.4	20
22	How Large Can We Build a Cyclic Assembly? Impact of Ring Size on Chelate Cooperativity in Noncovalent Macrocyclizations. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15649-15653	16.4	19
21	Understanding complex supramolecular landscapes: non-covalent macrocyclization equilibria examined by fluorescence resonance energy transfer. <i>Chemical Science</i> , <b>2018</b> , 9, 7809-7821	9.4	19
20	The 3,5-dimethyl-4-nitropyrazole ligand in the construction of supramolecular networks of silver(I) complexes. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 4093-4105	2.3	19
19	Pyridylpyrazole derivatives. A new type of mesogenic bidentate ligands inducing mesomorphism on their related PdX <sub>2</sub> complexes. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 626-629	3.1	18
18	Noncovalent Synthesis of Self-Assembled Nanotubes through Decoupled Hierarchical Cooperative Processes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 16432-16438	16.4	17
17	Non-Centrosymmetric Homochiral Supramolecular Polymers of Tetrahedral Subphthalocyanine Molecules. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2573-2577	3.6	17
16	Guidelines for the assembly of hydrogen-bonded macrocycles. <i>Chemical Communications</i> , <b>2019</b> , 55, 7277-7299	16.4	16
15	Exploiting N-H $\cdots$ Cl Hydrogen Bonding Interactions in Cooperative Metallosupramolecular Polymerization. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800191	4.8	16
14	Ionic liquid crystals from $\beta$ -diketonyl containing pyridinium cations and tetrachlorozincate anions. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 214-218	3.1	13
13	Reversible dispersion and release of carbon nanotubes cooperative clamping interactions with hydrogen-bonded nanorings. <i>Chemical Science</i> , <b>2018</b> , 9, 4176-4184	9.4	12
12	Impact of Conformational Effects on the Ring-Chain Equilibrium of Hydrogen-Bonded Dinucleosides. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11983-11991	4.8	12
11	Mesomorphism of Four-Coordinated Four-Chained Metal Complexes Based on Pyrazolylpyridine Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , <b>2008</b> , 481, 34-55	0.5	12

10	Pyridyl and pyridiniumyl $\beta$ -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> , <b>2011</b> , 35, 1020	3.6	10
9	Role of the Symmetry of Multipoint Hydrogen Bonding on Chelate Cooperativity in Supramolecular Macrocyclization Processes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 231-235	3.6	10
8	Dye-conjugated complementary lipophilic nucleosides as useful probes to study association processes by fluorescence resonance energy transfer. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 7558-7565	3.9	9
7	How Large Can We Build a Cyclic Assembly? Impact of Ring Size on Chelate Cooperativity in Noncovalent Macrocyclizations. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15855-15859	3.6	9
6	Diphosphines and pyrazole/pyrazolate-type ligands as building blocks in luminescent Au(I) complexes. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2789-2796	2.3	9
5	Reactivity of bis(long chain substituted $\beta$ -diketonato)palladium(II) [Pd(OOR) <sub>2</sub> ] <sub>2</sub> towards HBF <sub>4</sub> : formation of luminescent [BF <sub>2</sub> (OOR) <sub>2</sub> ] derivatives. X-ray structure of [1,3-di(4-n-butoxyphenyl)propane-1,3-dionato]difluoroboron(III). <i>Inorganic Chemistry Communications</i> , <b>2004</b> , 7, 674-676	3.1	9
4	Dual-Mode Chiral Self-Assembly of Cone-Shaped Subphthalocyanine Aromatics. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21017-21031	16.4	9
3	Self-Assembly of Diacetylene-Bridged Phenylenevinylene Oligomers in Water and Organic Solvents. <i>ChemPlusChem</i> , <b>2019</b> , 84, 488-492	2.8	3
2	Polar columnar assemblies of subphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 33-42	1.8	2
1	The Role of Peripheral Amide Groups as Hydrogen-Bonding Directors in the Tubular Self-Assembly of Dinucleobase Monomers. <i>ChemPlusChem</i> , <b>2021</b> , 86, 1087-1096	2.8	1