MarÃ-a J Mayoral

List of Publications by Year
in descending order

43	1,550	257101 24	315357 38
papers	citations	h-index	g-index

48	48	48	1568
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Sorting Governed by Chelate Cooperativity. Journal of the American Chemical Society, 2022, 144, 5450-5460.	6.6	9
2	The Role of Peripheral Amide Groups as Hydrogenâ€Bonding Directors in the Tubular Selfâ€Assembly of Dinucleobase Monomers. ChemPlusChem, 2021, 86, 1087-1096.	1.3	3
3	Polar columnar assemblies of subphthalocyanines. Journal of Porphyrins and Phthalocyanines, 2020, 24, 33-42.	0.4	7
4	Dual-Mode Chiral Self-Assembly of Cone-Shaped Subphthalocyanine Aromatics. Journal of the American Chemical Society, 2020, 142, 21017-21031.	6.6	32
5	Noncovalent Synthesis of Self-Assembled Nanotubes through Decoupled Hierarchical Cooperative Processes. Journal of the American Chemical Society, 2019, 141, 16432-16438.	6.6	28
6	Guidelines for the assembly of hydrogen-bonded macrocycles. Chemical Communications, 2019, 55, 7277-7299.	2.2	25
7	Selfâ€Assembly of Diacetyleneâ€Bridged Phenylenevinylene Oligomers in Water and Organic Solvents. ChemPlusChem, 2019, 84, 488-492.	1.3	4
8	Reversible dispersion and release of carbon nanotubes via cooperative clamping interactions with hydrogen-bonded nanorings. Chemical Science, 2018, 9, 4176-4184.	3.7	25
9	Exploiting Nï£¿HÂ·Â·Â·Cl Hydrogen Bonding Interactions in Cooperative Metallosupramolecular Polymerization. Macromolecular Rapid Communications, 2018, 39, e1800191.	2.0	19
10	Impact of Conformational Effects on the Ringâ€“Chain Equilibrium of Hydrogenâ€Bonded Dinucleosides. Chemistry - A European Journal, 2018, 24, 11983-11991.	1.7	21
11	Understanding complex supramolecular landscapes: non-covalent macrocyclization equilibria examined by fluorescence resonance energy transfer. Chemical Science, 2018, 9, 7809-7821.	3.7	24
12	Mechanosensitive Gold Colloidal Membranes Mediated by Supramolecular Interfacial Self-Assembly. Journal of the American Chemical Society, 2017, 139, 1120-1128.	6.6	24
13	How Large Can We Build a Cyclic Assembly? Impact of Ring Size on Chelate Cooperativity in Noncovalent Macrocyclizations. Angewandte Chemie - International Edition, 2017, 56, 15649-15653.	7.2	26
14	Dye-conjugated complementary lipophilic nucleosides as useful probes to study association processes by fluorescence resonance energy transfer. Organic and Biomolecular Chemistry, 2017, 15, 7558-7565.	1.5	17
15	How Large Can We Build a Cyclic Assembly? Impact of Ring Size on Chelate Cooperativity in Noncovalent Macrocyclizations. Angewandte Chemie, 2017, 129, 15855-15859.	1.6	12
16	Control over the Selfâ€Assembly Modes of Pt^{II} Complexes by Alkyl Chain Variation: From Slipped to Parallel Ï€â€Stacks. Chemistry - A European Journal, 2016, 22, 7810-7816.	1.7	31
17	Role of the Symmetry of Multipoint Hydrogen Bonding on Chelate Cooperativity in Supramolecular Macrocyclization Processes. Angewandte Chemie - International Edition, 2016, 55, 223-227.	7.2	37
18	Hydrogenâ€Bonded Macrocyclic Supramolecular Systems in Solution and on Surfaces. ChemistryOpen, 2016, 5, 10-32.	0.9	53

#	Article	IF	Citations
19	Nonâ€Centrosymmetric Homochiral Supramolecular Polymers of Tetrahedral Subphthalocyanine Molecules. Angewandte Chemie, 2015, 127, 2573-2577.	1.6	17
20	G-Arylated Hydrogen-Bonded Cyclic Tetramer Assemblies with Remarkable Thermodynamic and Kinetic Stability. Organic Letters, 2015, 17, 2664-2667.	2.4	38
21	Nonâ€Centrosymmetric Homochiral Supramolecular Polymers of Tetrahedral Subphthalocyanine Molecules. Angewandte Chemie - International Edition, 2015, 54, 2543-2547.	7.2	63
22	Highâ€Fidelity Noncovalent Synthesis of Hydrogenâ€Bonded Macrocyclic Assemblies. Angewandte Chemie - International Edition, 2015, 54, 6780-6784.	7.2	60
23	Selfâ€Assembly and (Hydro)gelation Triggered by Cooperative Ï€â€“Ï€ and Unconventional Cï£¿Hâ‹…â‹…â‹…X Hydrogen Bonding Interactions. Angewandte Chemie - International Edition, 2014, 53, 700-705.	7.2	127
24	Hâ€Aggregates of Oligophenyleneethynylene (OPE)â€BODIPY Systems in Water: Guest Sizeâ€Dependent Encapsulation Mechanism and Coâ€aggregate Morphology. Chemistry - A European Journal, 2014, 20, 10669-10678.	1.7	64
25	Cooperative Supramolecular Polymerization Driven by Metallophilic PdÂ·Â·Â·Pd Interactions. Journal of the American Chemical Society, 2013, 135, 2148-2151.	6.6	131
26	Aqueous Self-Sorting in Extended Supramolecular Aggregates. International Journal of Molecular Sciences, 2013, 14, 1541-1565.	1.8	44
27	Alternated Stacks of Nonpolar Oligo(pâ€phenyleneethynylene)â€BODIPY Systems. Chemistry - A European Journal, 2012, 18, 14957-14961.	1.7	46
28	Narcissistic versus Social Selfâ€Sorting of Oligophenyleneethynylene Derivatives: From Isodesmic Selfâ€Assembly to Cooperative Coâ€Assembly. Chemistry - A European Journal, 2012, 18, 15607-15611.	1.7	48
29	Metallosupramolecular amphiphilic Ï€-systems. Chemical Science, 2012, 3, 1395.	3.7	70
30	Pyridyl and pyridiniumyl Î²-diketones as building blocks for palladium(ii) and allylâ€“palladium(ii) isomers. Multinuclear NMR structural elucidation and liquid crystal behaviour. New Journal of Chemistry, 2011, 35, 1020.	1.4	15
31	Alkoxy-substituted difluoroboron benzoylmethanes for photonics applications: A photophysical and spectroscopic study. Dalton Transactions, 2011, 40, 377-383.	1.6	45
32	Exploring photophysical properties of new boron and palladium(<scp>ii</scp>) complexes with Î²-diketone pyridine type ligands: from liquid crystals to metal fluorescence probes. Journal of Materials Chemistry, 2011, 21, 1255-1263.	6.7	36
33	Diphosphines and pyrazole/pyrazolate-type ligands as building blocks in luminescent Au(I) complexes. Journal of Organometallic Chemistry, 2011, 696, 2789-2796.	0.8	10
34	Luminescent liquid crystal materials based on unsymmetrical boron difluoride Î²-diketonate adducts. New Journal of Chemistry, 2010, 34, 2937.	1.4	32
35	Silver pyrazole complexes with tunable liquid crystals and luminescent properties. New Journal of Chemistry, 2010, 34, 2766.	1.4	31
36	Ionic liquid crystals from Î²-diketonyl containing pyridinium cations and tetrachlorozincate anions. Inorganic Chemistry Communication, 2009, 12, 214-218.	1.8	13

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37	Silver and gold luminescent metallomesogens based on pyrazole ligands. Dalton Transactions, 2008, , 6912.	1.6	49
38	Mesomorphism of Four-Coordinated Four-Chained Metal Complexes Based on Pyrazolylpyridine Derivatives. Molecular Crystals and Liquid Crystals, 2008, 481, 34-55.	0.4	12
39	Luminescence of neutral and ionic gold(I) complexes containing pyrazole or pyrazolate-type ligands. Journal of Organometallic Chemistry, 2007, 692, 1690-1697.	0.8	47
40	The 3,5-dimethyl-4-nitropyrazole ligand in the construction of supramolecular networks of silver(I) complexes. Journal of Organometallic Chemistry, 2007, 692, 4093-4105.	0.8	21
41	Silver and Gold Trinuclear Complexes Based on 3-Substituted or 3,5-Disubstituted Pyrazolato Ligands. X-Ray Crystal Structure ofcyclo-Tris{Î¼-[3,5-bis(4-phenoxyphenyl)-1H-pyrazolato-ÎºN1â€‰:â€‰ÎºN2]}trigold Dichloromethane ([Au(Î¼-)]3â‹…CH2Cl2). Helvetica Chimica Acta, 2004, 87, 250-263.	1.0	35
42	Reactivity of bis(long chain substituted Î²-diketonato)palladium(II) [Pd(OOR2)2] towards HBF4: formation of luminescent [BF2(OOR2)] derivatives. X-ray structure of [1,3-di(4-n-butoxyphenyl)propane-1,3-dionato]difluoroboron(III). Inorganic Chemistry Communication, 2004, 7, 974-978.	1.8	9
43	Pyridylpyrazole derivatives. A new type of mesogenic bidentate ligands inducing mesomorphism on their related PdX2 complexes. Inorganic Chemistry Communication, 2003, 6, 626-629.	1.8	19