

Marcos D García-a

List of Publications by Year in descending order

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64
papers

1,357
citations

279487

23
h-index

360668

35
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72
all docs

72
docs citations

72
times ranked

1612
citing authors

#	ARTICLE	IF	CITATIONS
1	Cucurbit[8]uril (CB[8])-Based Supramolecular Switches. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 403-416.	7.2	129
2	Complexation of Pyrene in Aqueous Solution with a Self-Assembled Palladium Metallocycle. <i>Organic Letters</i> , 2010, 12, 1380-1383.	2.4	75
3	Controlled binding of organic guests by stimuli-responsive macrocycles. <i>Chemical Society Reviews</i> , 2020, 49, 3834-3862.	18.7	73
4	Complexation and Extraction of PAHs to the Aqueous Phase with a Dinuclear Pt ^{II} /Diazapyrenium-Based Metallocycle. <i>Chemistry - A European Journal</i> , 2010, 16, 12373-12380.	1.7	62
5	Synthesis of 4-substituted-1,2,3-triazole carbanucleoside analogues of ribavirin via click chemistry. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3805.	1.5	57
6	Design, synthesis and biological evaluation of new tryptamine and tetrahydro- β -carboline-based selective inhibitors of CDK4. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7728-7739.	1.4	55
7	Dimensional caging of polyiodides: cation-templated synthesis using bipyridinium salts. <i>CrystEngComm</i> , 2011, 13, 4411.	1.3	50
8	Dissecting the "Blue Box" Self-Assembly Strategies for the Construction of Multipurpose Polycationic Cyclophanes. <i>Accounts of Chemical Research</i> , 2020, 53, 2336-2346.	7.6	45
9	Self-assembly of new fluorescent Pd(ii) and Pt(ii) 2,7-diazapyrenium-based metallocycles and study of their inclusion complexes and [3]catenanes. <i>Chemical Science</i> , 2011, 2, 2407.	3.7	43
10	Self-assembled Pt ₂ L ₂ boxes strongly bind G-quadruplex DNA and influence gene expression in cancer cells. <i>Dalton Transactions</i> , 2017, 46, 329-332.	1.6	43
11	Self-assembled peptide-inorganic nanoparticle superstructures: from component design to applications. <i>Chemical Communications</i> , 2020, 56, 8000-8014.	2.2	43
12	Fascaplysin-inspired diindolyls as selective inhibitors of CDK4/cyclin D1. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6073-6084.	1.4	41
13	Subcellular Duplex DNA and G-Quadruplex Interaction Profiling of a Hexagonal Pt ^{II} Metallocycle. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8007-8012.	7.2	39
14	Complexation of aromatic compounds with self-assembled PdII and PtII metallocycles. <i>Inorganica Chimica Acta</i> , 2014, 417, 27-37.	1.2	38
15	Dimensional Matching of Polycyclic Aromatics with Rectangular Metallocycles: Insertion Modes Determined by [C ₁₂ H ₈ ... π ... π] Interactions. <i>Chemistry - A European Journal</i> , 2013, 19, 15329-15335.	1.7	35
16	Synthesis, crystal structure and biological activity of β -carboline based selective CDK4-cyclin D1 inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4478-4484.	1.5	34
17	Thinking Outside the "Blue Box" Induced Fit within a Unique Self-Assembled Polycationic Cyclophane. <i>Journal of the American Chemical Society</i> , 2019, 141, 3959-3964.	6.6	33
18	Supramolekulare Schalter auf der Basis von Cucurbit[8]uril (CB[8]). <i>Angewandte Chemie</i> , 2019, 131, 409-422.	1.6	31

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19	Regioselective photo-oxidation of 1-benzyl-4,9-dihydro-3H- β -carbolines. <i>Chemical Communications</i> , 2006, 2586-2588.	2.2	26
20	[2]Catenanes and inclusion complexes derived from self-assembled rectangular PdII and PtII metallocycles. <i>Dalton Transactions</i> , 2012, 41, 11992.	1.6	26
21	Synthesis of Platinum(II) Metallocycles Using Microwave-Assisted Heating. <i>Organic Letters</i> , 2012, 14, 580-583.	2.4	26
22	Thinking outside the "Blue Box": from molecular to supramolecular pH-responsiveness. <i>Chemical Science</i> , 2019, 10, 10680-10686.	3.7	26
23	Complexation and Catenation in Aqueous Media Using a Self-Assembled Pd ^{II} Metallacyclic Receptor. <i>Chemistry - A European Journal</i> , 2015, 21, 9482-9487.	1.7	24
24	Terminal Carboxylate Effects on the Thermodynamics and Kinetics of Cucurbit[7]uril Binding to Guests Containing a Central Bis(Pyridinium)-Xylylene Site. <i>Journal of Organic Chemistry</i> , 2019, 84, 2325-2329.	1.7	20
25	Metallacycle-Catalyzed S _N Ar Reaction in Water: Supramolecular Inhibition by Means of Host-Guest Complexation. <i>Journal of Organic Chemistry</i> , 2014, 79, 1265-1270.	1.7	17
26	Dynamic formation of self-organized corner-connected square metallocycles by stoichiometric control. <i>Chemical Communications</i> , 2010, 46, 6672.	2.2	16
27	Self-assembly of Pd ₂ L ₂ Metallacycles Owning Diversely Functionalized Racemic Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 2290-2298.	1.9	15
28	Integrative Self-Sorting of Bipyridinium/Diazapyrenium-Based Ligands into Pseudo[1]rotaxanes. <i>Chemistry - A European Journal</i> , 2017, 23, 16743-16747.	1.7	15
29	Adjusting the Dynamism of Covalent Imine Chemistry in the Aqueous Synthesis of Cucurbit[7]uril-based [2]Rotaxanes. <i>Organic Letters</i> , 2019, 21, 8976-8980.	2.4	15
30	Stereoselective synthesis of seven-membered lactams and lactones on a carbohydrate scaffold using ring-closing metathesis. <i>Tetrahedron Letters</i> , 2009, 50, 3657-3660.	0.7	13
31	When Self-Assembly Fails: Stepwise Metal-Directed Synthesis of [2]Catenanes. <i>Chemistry - A European Journal</i> , 2015, 21, 2259-2267.	1.7	13
32	Synthetic approaches to (Δ^{\pm})-c-4-amino-r-1,c-2,t-3-cyclopentanetrimethanol: a precursor of higher homologues of xylo-carbocyclic nucleosides. <i>Tetrahedron</i> , 2002, 58, 967-974.	1.0	12
33	Stimuli-responsive metal-directed self-assembly of a ring-in-ring complex. <i>Dalton Transactions</i> , 2016, 45, 11611-11615.	1.6	12
34	Diastereocontrol in the intramolecular meta-photocycloaddition of arenes and olefines. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 649-652.	1.6	11
35	Spontaneous Self-Assembly of a 1,8-Naphthyridine into Diverse Crystalline 1D Nanostructures: Implications on the Stimuli-Responsive Luminescent Behaviour. <i>Crystal Growth and Design</i> , 2014, 14, 3849-3856.	1.4	11
36	Polymorphism-Triggered Reversible Thermochromic Fluorescence of a Simple 1,8-Naphthyridine. <i>Crystal Growth and Design</i> , 2013, 13, 460-464.	1.4	10

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37	Subcellular Duplex DNA and G-Quadruplex Interaction Profiling of a Hexagonal Pt II Metallacycle. <i>Angewandte Chemie</i> , 2019, 131, 8091-8096.	1.6	10
38	A Convenient Synthesis of New Purinyl-homo-carbonucleosides on a Cyclopentane Ring Fused with Pyridazine. <i>Synthesis</i> , 2004, 2004, 2855-2862.	1.2	9
39	Synthesis of Two Precursors of Heterocarbocyclic Nucleoside Analogues. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 759-764.	1.2	9
40	Interplay between Halogen/Hydrogen Bonding and Electrostatic Interactions in 1,1-Bis(4-iodobenzyl)-4,4'-bipyridine-1,1'-dium Salts. <i>Crystal Growth and Design</i> , 2009, 9, 5009-5013.	1.4	9
41	Regioselectivity in the formation of norbornene-fused pyrazoles: preparation of 1-substituted derivatives of 4,5,6,7-tetrahydro-1H-4,7-methanoindazole. <i>Tetrahedron</i> , 2006, 62, 3362-3369.	1.0	8
42	Probing Electrostatic Potential by NMR with the Use of a Paramagnetic Lanthanide(III) Chelate. <i>Inorganic Chemistry</i> , 2012, 51, 4429-4431.	1.9	8
43	Synthesis of non-symmetric viologen-containing ditopic ligands and their Pd(ⁱⁱ)/Pt(ⁱⁱ)-directed self-assembly. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3594-3602.	1.5	8
44	Amplification of a metallacyclic receptor out of a dynamic combinatorial library. <i>Dalton Transactions</i> , 2017, 46, 15671-15675.	1.6	7
45	Tuning of the Self-Threading of Ring-in-Ring Structures in Aqueous Media. <i>Chemistry - A European Journal</i> , 2019, 25, 14834-14842.	1.7	7
46	Reversible Control of DNA Binding with Cucurbit[8]uril-Induced Supramolecular 4,4'-Bipyridinium-Peptide Dimers. <i>Bioconjugate Chemistry</i> , 2021, 32, 507-511.	1.8	7
47	Stereoselective synthesis by double reductive amination ring closure of novel aza-heteroannulated sugars. <i>Tetrahedron</i> , 2009, 65, 4766-4774.	1.0	6
48	Cucurbiturils as Effectors on the Self-Assembly of Pd(II) and Pt(II) Metallacycles. <i>Journal of Organic Chemistry</i> , 2021, 86, 14608-14616.	1.7	6
49	Self-assembly of dinuclear Pd(ⁱⁱ)/Pt(ⁱⁱ) metallacyclic receptors incorporating N-heterocyclic carbene complexes as corners. <i>Dalton Transactions</i> , 2017, 46, 4182-4190.	1.6	5
50	Solid-Phase Zincke Reaction for the Synthesis of Peptide-4,4'-bipyridinium Conjugates. <i>Synthesis</i> , 2020, 52, 537-543.	1.2	4
51	Guest-induced stereoselective self-assembly of quinoline-containing Pd ^{II} and Pt ^{II} metallacycles. <i>RSC Advances</i> , 2016, 6, 80181-80192.	1.7	3
52	CB[7]- and CB[8]-Based [2]-(Pseudo)rotaxanes with Triphenylphosphonium-Capped Threads: Serendipitous Discovery of a New High-Affinity Binding Motif. <i>Organic Letters</i> , 2022, 24, 4491-4495.	2.4	3
53	Synthesis of Purinyl and Pyrimidinyl ¹ (N)-Homocarbonucleosides Based on a 1-Methylcyclopenta[c]pyrazole Scaffold; Part 2. <i>Synthesis</i> , 2006, 2006, 3967-3972.	1.2	2
54	Cyclocondensation of (A±)-exo,exo-5,6-(Isopropylidenedioxy)-3-(pyrrolidinomethylene)bicyclo[2.2.1]heptan-2-one with N-C-N Dinucleophiles. <i>Synthesis</i> , 2007, 2007, 1385-1391.	1.2	2

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55	An electrochemically controlled supramolecular zip tie based on host-guest chemistry of CB[8]. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5228-5233.	1.5	2
56	“The red cage” implementation of pH-responsiveness within a macrobicyclic pyridinium-based molecular host. <i>Organic Chemistry Frontiers</i> , 2021, 9, 81-87.	2.3	2
57	Amino Acid-Viologen Hybrids: Synthesis, Cucurbituril Host-Guest Chemistry, and Implementation on the Production of Peptides. <i>Journal of Organic Chemistry</i> , 2022, 87, 760-764.	1.7	2
58	SYNTHESIS AND EVALUATION OF ANTIVIRAL ACTIVITY OF HIGHER HOMOLOGUES OF XYLO-CARBOCYCLIC NUCLEOSIDES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 1137-1139.	0.4	1
59	A click chemistry approach to the synthesis of 3-deoxy-2-substituted carbanucleoside precursors. <i>Tetrahedron</i> , 2015, 71, 324-331.	1.0	1
60	Self-Assembly of Pseudo[1]rotaxanes by Palladium(II)/Platinum(II)-Directed Integrative Social Self-Sorting: Is the Metal Required?. <i>ChemPlusChem</i> , 2020, 85, 2672-2678.	1.3	1
61	Synthesis of Cyclopenta[d]pyridazinediol Precursors of Carbanucleosides. <i>Synthesis</i> , 2007, 2007, 2621-2626.	1.2	0
62	Synthesis and Biological Evaluation of 6-Substituted Purinylcarbanucleosides with a Cyclopenta[b]thiophene Pseudosugar. <i>Synthesis</i> , 2009, 2009, 2766-2772.	1.2	0
63	Advances towards the synthesis and characterization of five-membered cyclic alcohols and ketones. <i>Chemical Data Collections</i> , 2017, 9-10, 44-49.	1.1	0
64	One-pot Preparation and Characterisation of Five-membered Cyclic Alcohols. <i>Letters in Organic Chemistry</i> , 2018, 15, 546-550.	0.2	0