

Marcos D García-a

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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.	3.2	2
2	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.	4.6	3
3	Reversible Control of DNA Binding with Cucurbit[8]uril-Induced Supramolecular 4,4'-Bipyridinium-Peptide Dimers. <i>Bioconjugate Chemistry</i> , 2021, 32, 507-511.	3.6	7
4	Cucurbiturils as Effectors on the Self-Assembly of Pd(II) and Pt(II) Metallacycles. <i>Journal of Organic Chemistry</i> , 2021, 86, 14608-14616.	3.2	6
5	“The red cage” implementation of pH-responsiveness within a macrobicyclic pyridinium-based molecular host. <i>Organic Chemistry Frontiers</i> , 2021, 9, 81-87.	4.5	2
6	Solid-Phase Zincke Reaction for the Synthesis of Peptide-4,4'-bipyridinium Conjugates. <i>Synthesis</i> , 2020, 52, 537-543.	2.3	4
7	Dissecting the “Blue Box” Self-Assembly Strategies for the Construction of Multipurpose Polycationic Cyclophanes. <i>Accounts of Chemical Research</i> , 2020, 53, 2336-2346.	15.6	45
8	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.	2.8	1
9	Controlled binding of organic guests by stimuli-responsive macrocycles. <i>Chemical Society Reviews</i> , 2020, 49, 3834-3862.	38.1	73
10	An electrochemically controlled supramolecular zip tie based on host-guest chemistry of CB[8]. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5228-5233.	2.8	2
11	Self-assembled peptide-inorganic nanoparticle superstructures: from component design to applications. <i>Chemical Communications</i> , 2020, 56, 8000-8014.	4.1	43
12	Tuning of the Self-Threading of Ring-in-Ring Structures in Aqueous Media. <i>Chemistry - A European Journal</i> , 2019, 25, 14834-14842.	3.3	7
13	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.	4.6	15
14	Subcellular Duplex DNA and G-Quadruplex Interaction Profiling of a Hexagonal Pt II Metallacycle. <i>Angewandte Chemie</i> , 2019, 131, 8091-8096.	2.0	10
15	Subcellular Duplex DNA and G-Quadruplex Interaction Profiling of a Hexagonal Pt ^{II} Metallacycle. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8007-8012.	13.8	39
16	Supramolekulare Schalter auf der Basis von Cucurbit[8]uril (CB[8]). <i>Angewandte Chemie</i> , 2019, 131, 409-422.	2.0	31
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.	13.7	33
18	Thinking outside the “Blue Box” from molecular to supramolecular pH-responsiveness. <i>Chemical Science</i> , 2019, 10, 10680-10686.	7.4	26

19	Cucurbit[8]uril (CB[8])â€Based Supramolecular Switches. Angewandte Chemie - International Edition, 2019, 58, 403-416.	13.8	129
20	Terminal Carboxylate Effects on the Thermodynamics and Kinetics of Cucurbit[7]uril Binding to Guests Containing a Central Bis(Pyridinium)-Xylylene Site. Journal of Organic Chemistry, 2019, 84, 2325-2329.	3.2	20
21	One-pot Preparation and Characterisation of Five-membered Cyclic Alcohols. Letters in Organic Chemistry, 2018, 15, 546-550.	0.5	0
22	Self-assembly of dinuclear Pd($\text{P}(\text{Ph})_3$)/Pt($\text{P}(\text{Ph})_3$) metallacyclic receptors incorporating N-heterocyclic carbene complexes as corners. Dalton Transactions, 2017, 46, 4182-4190.	3.3	5
23	Synthesis of non-symmetric viologen-containing ditopic ligands and their Pd($\text{P}(\text{Ph})_3$)/Pt($\text{P}(\text{Ph})_3$)-directed self-assembly. Organic and Biomolecular Chemistry, 2017, 15, 3594-3602.	2.8	8
24	Advances towards the synthesis and characterization of five-membered cyclic alcohols and ketones. Chemical Data Collections, 2017, 9-10, 44-49.	2.3	0
25	Self-assembled Pt ₂ L ₂ boxes strongly bind G-quadruplex DNA and influence gene expression in cancer cells. Dalton Transactions, 2017, 46, 329-332.	3.3	43
26	Integrative Self-Sorting of Bipyridinium/Diazapyreniumâ€Based Ligands into Pseudo[1<i>1>/i>]rotaxanes. Chemistry - A European Journal, 2017, 23, 16743-16747.	3.3	15
27	Amplification of a metallacyclic receptor out of a dynamic combinatorial library. Dalton Transactions, 2017, 46, 15671-15675.	3.3	7
28	Guest-induced stereoselective self-assembly of quinoline-containing Pd ^{II} and Pt ^{II} metallacycles. RSC Advances, 2016, 6, 80181-80192.	3.6	3
29	Stimuli-responsive metal-directed self-assembly of a ring-in-ring complex. Dalton Transactions, 2016, 45, 11611-11615.	3.3	12
30	Self-assembly of Pd ₂ L ₂ Metallacycles Owning Diversely Functionalized Racemic Ligands. Inorganic Chemistry, 2016, 55, 2290-2298.	4.0	15
31	Complexation and Catenation in Aqueous Media Using a Self-Assembled Pd ^{II} Metallacyclic Receptor. Chemistry - A European Journal, 2015, 21, 9482-9487.	3.3	24
32	When Self-Assembly Fails: Stepwise Metal-Directed Synthesis of [2]Catenanes. Chemistry - A European Journal, 2015, 21, 2259-2267.	3.3	13
33	A click chemistry approach to the synthesis of 3'-deoxy-2'-substituted carbanucleoside precursors. Tetrahedron, 2015, 71, 324-331.	1.9	1
34	Complexation of aromatic compounds with self-assembled PdII and PtII metallacycles. Inorganica Chimica Acta, 2014, 417, 27-37.	2.4	38
35	Spontaneous Self-Assembly of a 1,8-Naphthyridine into Diverse Crystalline 1D Nanostructures: Implications on the Stimuli-Responsive Luminescent Behaviour. Crystal Growth and Design, 2014, 14, 3849-3856.	3.0	11
36	Metallacycle-Catalyzed S _N Ar Reaction in Water: Supramolecular Inhibition by Means of Host-Guest Complexation. Journal of Organic Chemistry, 2014, 79, 1265-1270.	3.2	17

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37	Polymorphism-Triggered Reversible Thermochromic Fluorescence of a Simple 1,8-Naphthyridine. <i>Crystal Growth and Design</i> , 2013, 13, 460-464.	3.0	10
38	Dimensional Matching of Polycyclic Aromatics with Rectangular Metallacycles: Insertion Modes Determined by [C ₁₂ H ₈ ... π ... π ...I ⁺] Interactions. <i>Chemistry - A European Journal</i> , 2013, 19, 15329-15335.	3.3	35
39	[2]Catenanes and inclusion complexes derived from self-assembled rectangular PdII and PtII metalocycles. <i>Dalton Transactions</i> , 2012, 41, 11992.	3.3	26
40	Synthesis of Platinum(II) Metalocycles Using Microwave-Assisted Heating. <i>Organic Letters</i> , 2012, 14, 580-583.	4.6	26
41	Probing Electrostatic Potential by NMR with the Use of a Paramagnetic Lanthanide(III) Chelate. <i>Inorganic Chemistry</i> , 2012, 51, 4429-4431.	4.0	8
42	Self-assembly of new fluorescent Pd(ii) and Pt(ii) 2,7-diazapyrenium-based metalocycles and study of their inclusion complexes and [3]catenanes. <i>Chemical Science</i> , 2011, 2, 2407.	7.4	43
43	Dimensional caging of polyiodides: cation-templated synthesis using bipyridinium salts. <i>CrystEngComm</i> , 2011, 13, 4411.	2.6	50
44	Complexation and Extraction of PAHs to the Aqueous Phase with a Dinuclear Pt ^{II} Diazapyrenium-Based Metallacycle. <i>Chemistry - A European Journal</i> , 2010, 16, 12373-12380.	3.3	62
45	Complexation of Pyrene in Aqueous Solution with a Self-Assembled Palladium Metalocycle. <i>Organic Letters</i> , 2010, 12, 1380-1383.	4.6	75
46	Dynamic formation of self-organized corner-connected square metalocycles by stoichiometric control. <i>Chemical Communications</i> , 2010, 46, 6672.	4.1	16
47	Synthesis and Biological Evaluation of 6-Substituted Purinylcarbanucleosides with a Cyclopenta[b]thiophene Pseudosugar. <i>Synthesis</i> , 2009, 2009, 2766-2772.	2.3	0
48	Fascaplysin-inspired diindolyls as selective inhibitors of CDK4/cyclin D1. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6073-6084.	3.0	41
49	Stereoselective synthesis by double reductive amination ring closure of novel aza-heteroannulated sugars. <i>Tetrahedron</i> , 2009, 65, 4766-4774.	1.9	6
50	Stereoselective synthesis of seven-membered lactams and lactones on a carbohydrate scaffold using ring-closing metathesis. <i>Tetrahedron Letters</i> , 2009, 50, 3657-3660.	1.4	13
51	Interplay between Halogen/Hydrogen Bonding and Electrostatic Interactions in 1,1'-Bis(4-iodobenzyl)-4,4'-bipyridine-1,1'-diium Salts. <i>Crystal Growth and Design</i> , 2009, 9, 5009-5013.	3.0	9
52	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.	3.0	55
53	Cyclocondensation of (A \pm)-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.	2.3	2
54	Synthesis of Cyclopenta[d]pyridazinediol Precursors of Carbanucleosides. <i>Synthesis</i> , 2007, 2007, 2621-2626.	2.3	0

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55	Synthesis of 4-substituted-1,2,3-triazole carbanucleoside analogues of ribavirin via click chemistry. Organic and Biomolecular Chemistry, 2007, 5, 3805.	2.8	57
56	Regioselective photo-oxidation of 1-benzyl-4,9-dihydro-3H- β -carbolines. Chemical Communications, 2006, , 2586-2588.	4.1	26
57	Diastereocontrol in the intramolecular meta-photocycloaddition of arenes and olefines. Photochemical and Photobiological Sciences, 2006, 5, 649-652.	2.9	11
58	Synthesis, crystal structure and biological activity of β -carboline based selective CDK4-cyclin D1 inhibitors. Organic and Biomolecular Chemistry, 2006, 4, 4478-4484.	2.8	34
59	Regioselectivity in the formation of norbornene-fused pyrazoles: preparation of 1-substituted derivatives of 4,5,6,7-tetrahydro-1H-4,7-methanoindazole. Tetrahedron, 2006, 62, 3362-3369.	1.9	8
60	Synthesis of Two Precursors of Heterocarbocyclic Nucleoside Analogues. European Journal of Organic Chemistry, 2006, 2006, 759-764.	2.4	9
61	Synthesis of Purinyl and Pyrimidinyl 1- β -Homocarbanucleosides Based on a 1-Methylcyclopenta[c]pyrazole Scaffold; Part 2. Synthesis, 2006, 2006, 3967-3972.	2.3	2
62	A Convenient Synthesis of New Purinyl-homo-carbonucleosides on a Cyclopentane Ring Fused with Pyridazine. Synthesis, 2004, 2004, 2855-2862.	2.3	9
63	Synthetic approaches to (1 β)-c-4-amino-r-1,c-2,t-3-cyclopentanetrimethanol: a precursor of higher homologues of xylo-carbocyclic nucleosides. Tetrahedron, 2002, 58, 967-974.	1.9	12
64	SYNTHESIS AND EVALUATION OF ANTIVIRAL ACTIVITY OF HIGHER HOMOLOGUES OF XYLO-CARBOCYCLIC NUCLEOSIDES. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 1137-1139.	1.1	1