

Ana M Castilla

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,282
citations

535685

17
h-index

799663

21
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all docs

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docs citations

21
times ranked

2131
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Covalently Crosslinked Nanogels: An NMR Study of the Effect of Monomer Reactivity on Composition and Structure. <i>Polymers</i> , 2019, 11, 353. | 2.0 | 16 |
| 2 | An α -proline based thermoresponsive and pH-switchable nanogel as a drug delivery vehicle. <i>Polymer Chemistry</i> , 2018, 9, 2271-2280. | 1.9 | 22 |
| 3 | Using Aggregation-Induced Emission to Understand Dipeptide Gels. <i>Gels</i> , 2018, 4, 17. | 2.1 | 13 |
| 4 | Drying Affects the Fiber Network in Low Molecular Weight Hydrogels. <i>Biomacromolecules</i> , 2017, 18, 3531-3540. | 2.6 | 92 |
| 5 | Self-sorted Oligophenylvinylene and Perylene Bisimide Hydrogels. <i>Scientific Reports</i> , 2017, 7, 8380. | 1.6 | 30 |
| 6 | Quantification of Stereochemical Communication in Metal-Organic Assemblies. <i>Angewandte Chemie</i> , 2016, 128, 10774-10778. | 1.6 | 8 |
| 7 | Quantification of Stereochemical Communication in Metal-Organic Assemblies. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10616-10620. | 7.2 | 21 |
| 8 | On the syneresis of an OPV functionalised dipeptide hydrogel. <i>Soft Matter</i> , 2016, 12, 7848-7854. | 1.2 | 40 |
| 9 | Ligand Aspect Ratio as a Decisive Factor for the Self-Assembly of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2016, 138, 2046-2054. | 6.6 | 133 |
| 10 | Sequence-Dependent Guest Release Triggered by Orthogonal Chemical Signals. <i>Journal of the American Chemical Society</i> , 2016, 138, 2342-2351. | 6.6 | 65 |
| 11 | Using the hydrolysis of anhydrides to control gel properties and homogeneity in pH-triggered gelation. <i>RSC Advances</i> , 2015, 5, 95369-95378. | 1.7 | 32 |
| 12 | Stereochemistry in Subcomponent Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2063-2073. | 7.6 | 359 |
| 13 | Stereochemical Communication within Tetrahedral Capsules. <i>Chemistry Letters</i> , 2014, 43, 256-263. | 0.7 | 47 |
| 14 | High-Fidelity Stereochemical Memory in a Fe ^{II} ₄ L ₄ Tetrahedral Capsule. <i>Journal of the American Chemical Society</i> , 2013, 135, 17999-18006. | 6.6 | 95 |
| 15 | Efficient Long-Range Stereochemical Communication and Cooperative Effects in Self-Assembled Fe ₄ L ₆ Cages. <i>Journal of the American Chemical Society</i> , 2012, 134, 15528-15537. | 6.6 | 80 |
| 16 | Cooperative self-assembly of a macrocyclic Schiff base complex. <i>Dalton Transactions</i> , 2011, 40, 5236. | 1.6 | 37 |
| 17 | Access to multinuclear salen complexes using olefin metathesis. <i>Dalton Transactions</i> , 2011, 40, 3352. | 1.6 | 26 |
| 18 | Templated Synthesis and Site-Selective Conversion of Completely Nonsymmetrical Bis-Metallosalphen Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2467-2471. | 1.0 | 11 |

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|----|---|-----|-----------|
| 19 | Modular Synthesis of Heterobimetallic Salen Structures Using Metal Templation. <i>Organic Letters</i> , 2009, 11, 5218-5221. | 2.4 | 32 |
| 20 | DABCO-Directed Self-Assembly of Bisporphyrins (DABCO=1,4-Diazabicyclo[2.2.2]octane). <i>Chemistry - A European Journal</i> , 2005, 11, 2196-2206. | 1.7 | 88 |