

Anna G Slater

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3082511/publications.pdf>

Version: 2024-02-01

24
papers

2,286
citations

516681

16
h-index

642715

23
g-index

26
all docs

26
docs citations

26
times ranked

3924
citing authors

#	ARTICLE	IF	CITATIONS
1	Function-led design of new porous materials. <i>Science</i> , 2015, 348, aaa8075.	12.6	1,272
2	Surface-Based Supramolecular Chemistry Using Hydrogen Bonds. <i>Accounts of Chemical Research</i> , 2014, 47, 3417-3427.	15.6	161
3	Reticular synthesis of porous molecular 1D nanotubes and 3D networks. <i>Nature Chemistry</i> , 2017, 9, 17-25.	13.6	122
4	Chemical Recycling of Polystyrene to Valuable Chemicals via Selective Acid-Catalyzed Aerobic Oxidation under Visible Light. <i>Journal of the American Chemical Society</i> , 2022, 144, 6532-6542.	13.7	111
5	Two-dimensional supramolecular chemistry on surfaces. <i>Chemical Science</i> , 2011, 2, 1440.	7.4	108
6	Computationally-Guided Synthetic Control over Pore Size in Isostructural Porous Organic Cages. <i>ACS Central Science</i> , 2017, 3, 734-742.	11.3	68
7	Dynamic flow synthesis of porous organic cages. <i>Chemical Communications</i> , 2015, 51, 17390-17393.	4.1	52
8	Effects of pore modification on the templating of guest molecules in a 2D honeycomb network. <i>Chemical Science</i> , 2012, 3, 84-92.	7.4	46
9	Inducing Social Self-Sorting in Organic Cages To Tune The Shape of The Internal Cavity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16755-16763.	13.8	41
10	White Light Emission from a Simple Mixture of Fluorescent Organic Compounds. <i>Scientific Reports</i> , 2019, 9, 11834.	3.3	40
11	Thymine functionalised porphyrins, synthesis and heteromolecular surface-based self-assembly. <i>Chemical Science</i> , 2015, 6, 1562-1569.	7.4	39
12	Synthesis and characterisation of BODIPY radical anions. <i>Chemical Communications</i> , 2012, 48, 1751.	4.1	37
13	Photophysics and electrochemistry of a platinum-acetylide disubstituted perylenediimide. <i>Dalton Transactions</i> , 2014, 43, 85-94.	3.3	35
14	A solution-processable dissymmetric porous organic cage. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 223-227.	3.4	26
15	Production of monodisperse polyurea microcapsules using microfluidics. <i>Scientific Reports</i> , 2019, 9, 17983.	3.3	24
16	Ultra-Fast Molecular Rotors within Porous Organic Cages. <i>Chemistry - A European Journal</i> , 2017, 23, 17217-17221.	3.3	22
17	Inducing Social Self-Sorting in Organic Cages To Tune The Shape of The Internal Cavity. <i>Angewandte Chemie</i> , 2020, 132, 16898-16906.	2.0	15
18	Bis-thioether-Substituted Perylene Diimides: Structural, Electrochemical, and Spectroelectrochemical Properties. <i>Journal of Organic Chemistry</i> , 2013, 78, 2853-2862.	3.2	14

#	ARTICLE	IF	CITATIONS
19	High-Yielding Flow Synthesis of a Macrocyclic Molecular Hinge. <i>Journal of the American Chemical Society</i> , 2021, 143, 7553-7565.	13.7	13
20	Enabling Technology for Supramolecular Chemistry. <i>Frontiers in Chemistry</i> , 2021, 9, 774987.	3.6	13
21	Controlling the Two-Dimensional Self-Assembly of Functionalized Porphyrins via Adenine–Thymine Quartet Formation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26070-26079.	3.1	8
22	Fullerenes as adhesive layers for mechanical peeling of metallic, molecular and polymer thin films. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 394-401.	2.8	7
23	Managing research throughout COVID-19: Lived experiences of supramolecular chemists. <i>CheM</i> , 2022, 8, 299-311.	11.7	7
24	Pregnancy in the lab. <i>Nature Reviews Chemistry</i> , 0, , .	30.2	5