

David Rodrguez-San-Miguel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,782
citations

17
h-index

32
g-index

32
ext. papers

2,123
ext. citations

14.6
avg, IF

5.25
L-index

#	Paper	IF	Citations
29	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13969-13977	16.4	17
28	Macroscopic Ultralight Aerogel Monoliths of Imine-based Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2021 , 133, 14088-14096	3.6	1
27	Synthesis of 2D Porous Crystalline Materials in Simulated Microgravity. <i>Advanced Materials</i> , 2021 , 33, e2101777	24	5
26	Exfoliation of Alpha-Germanium: A Covalent Diamond-Like Structure. <i>Advanced Materials</i> , 2021 , 33, e2006826	26	8
25	Few-layer antimonene electrical properties. <i>Applied Materials Today</i> , 2021 , 24, 101132	6.6	0
24	Green synthesis of imine-based covalent organic frameworks in water. <i>Chemical Communications</i> , 2020 , 56, 6704-6707	5.8	30
23	Covalent organic framework nanosheets: preparation, properties and applications. <i>Chemical Society Reviews</i> , 2020 , 49, 2291-2302	58.5	135
22	SERS Barcode Libraries: SERS Barcode Libraries: A Microfluidic Approach (Adv. Sci. 12/2020). <i>Advanced Science</i> , 2020 , 7, 2070068	13.6	78
21	Biomimetic Synthesis of Sub-20 nm Covalent Organic Frameworks in Water. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3540-3547	16.4	33
20	Microfluidic-Assisted Blade Coating of Compositional Libraries for Combinatorial Applications: The Case of Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2020 , 10, 2001308	21.8	4
19	SERS Barcode Libraries: A Microfluidic Approach. <i>Advanced Science</i> , 2020 , 7, 1903172	13.6	13
18	Processing of covalent organic frameworks: an ingredient for a material to succeed. <i>Chemical Society Reviews</i> , 2019 , 48, 4375-4386	58.5	76
17	From Layered MOFs to Structuring at the Meso-/Macroscopic Scale 2018 , 81-121		1
16	Confining Functional Nanoparticles into Colloidal Imine-Based COF Spheres by a Sequential Encapsulation-Crystallization Method. <i>Chemistry - A European Journal</i> , 2017 , 23, 8623-8627	4.8	42
15	Sub-micron spheres of an imine-based covalent organic framework: supramolecular functionalization and water-dispersibility. <i>CrystEngComm</i> , 2017 , 19, 4872-4876	3.3	13
14	Noncovalent Functionalization and Charge Transfer in Antimonene. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14389-14394	16.4	68
13	Spray drying for making covalent chemistry II: synthesis of covalent-organic framework superstructures and related composites. <i>Chemical Communications</i> , 2017 , 53, 11372-11375	5.8	11

12	Noncovalent Functionalization and Charge Transfer in Antimonene. <i>Angewandte Chemie</i> , 2017 , 129, 14581-14586	3.6	53
11	Microfluidic-based Synthesis of Covalent Organic Frameworks (COFs): A Tool for Continuous Production of COF Fibers and Direct Printing on a Surface. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
10	Ionic Conductivity and Potential Application for Fuel Cell of a Modified Imine-Based Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10079-10086	16.4	135
9	Metal-functionalized covalent organic frameworks as precursors of supercapacitive porous N-doped graphene. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4343-4351	13	71
8	Few-Layer Antimonene by Liquid-Phase Exfoliation. <i>Angewandte Chemie</i> , 2016 , 128, 14557-14561	3.6	53
7	Few-Layer Antimonene by Liquid-Phase Exfoliation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14345-14349	16.4	299
6	Crystalline fibres of a covalent organic framework through bottom-up microfluidic synthesis. <i>Chemical Communications</i> , 2016 , 52, 9212-5	5.8	73
5	MasterChem: cooking 2D-polymers. <i>Chemical Communications</i> , 2016 , 52, 4113-27	5.8	94
4	Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions. <i>Advanced Materials</i> , 2016 , 28, 6332-6	24	374
3	Antimonene: Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions (Adv. Mater. 30/2016). <i>Advanced Materials</i> , 2016 , 28, 6515	24	20
2	Direct On-Surface Patterning of a Crystalline Laminar Covalent Organic Framework Synthesized at Room Temperature. <i>Chemistry - A European Journal</i> , 2015 , 21, 10666-70	4.8	93
1	Supramolecular attachment of metalloporphyrins to graphene oxide and its pyridine-containing derivative. <i>Chemistry - A European Journal</i> , 2013 , 19, 10463-7	4.8	6