

Marta Martnez-Abada

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.

19
papers

494
citations

13
h-index

20
g-index

20
ext. papers

676
ext. citations

13.6
avg, IF

4.35
L-index

#	Paper	IF	Citations
19	Observing polymerization in 2D dynamic covalent polymers.. <i>Nature</i> , 2022 , 603, 835-840	50.4	7
18	Interpenetrated 3D Covalent Organic Frameworks from Distorted Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9941-9946	16.4	15
17	Understanding charge transport in wavy 2D covalent organic frameworks. <i>Nanoscale</i> , 2021 , 13, 6829-6837	6.7	6
16	Interpenetrated 3D Covalent Organic Frameworks from Distorted Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie</i> , 2021 , 133, 10029-10034	3.6	1
15	Real-Time Molecular-Scale Imaging of Dynamic Network Switching between Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5964-5968	16.4	19
14	Anatomy of On-Surface Synthesized Boroxine Two-Dimensional Polymers. <i>ACS Nano</i> , 2020 , 14, 2354-2366	6.7	9
13	Structural Approaches to Control Interlayer Interactions in 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2020 , 32, e2002366	24	30
12	A Wavy Two-Dimensional Covalent Organic Framework from Core-Twisted Polycyclic Aromatic Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14403-14410	16.4	42
11	Three dimensional nanoscale analysis reveals aperiodic mesopores in a covalent organic framework and conjugated microporous polymer. <i>Nanoscale</i> , 2019 , 11, 2848-2854	7.7	10
10	Isolation and Characterization of the Unexpected 1- n-Octyloxyperopyrene: A Solution-Processable p-Type Organic Semiconductor. <i>Journal of Organic Chemistry</i> , 2019 , 84, 3270-3274	4.2	6
9	Readily Processable Hole-Transporting Peropyrene Gels. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8209-8213	16.4	15
8	Self-Assembled Cyanostilbenes for Advanced Functional Materials. <i>Advanced Materials</i> , 2018 , 30, 1704161	16.1	113
7	Highly Light-Sensitive Luminescent Cyanostilbene Flexible Dimers. <i>Advanced Optical Materials</i> , 2017 , 5, 1600860	8.1	22
6	Synthesis and Properties of a Twisted and Stable Tetracyano-Substituted Tetrabenzoheptacene. <i>Organic Letters</i> , 2017 , 19, 1718-1721	6.2	20
5	Photoresponsive Cyanostilbene Bent-Core Liquid Crystals as New Materials with Light-Driven Modulated Polarization. <i>Advanced Materials</i> , 2016 , 28, 6586-91	24	27
4	Multiresponsive luminescent dicyanodistyrylbenzenes and their photochemistry in solution and in bulk. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2886-2893	7.1	49
3	Bent-core liquid crystalline cyanostilbenes: fluorescence switching and thermochromism. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11715-24	3.6	33

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| 2 | Cyanostilbene bent-core molecules: a route to functional materials. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3038-3048 | 7.1 | 44 |
| 1 | Bent-core liquid crystal phases promoted by azo-containing molecules: from monomers to side-chain polymers. <i>RSC Advances</i> , 2014 , 4, 19694-19702 | 3.7 | 24 |