

Ren A Wiscons

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

729
citations

623734

14
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713466

21
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22
all docs

22
docs citations

22
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Order and Symmetry in the 2D Semiconductor CrSBr. Nano Letters, 2021, 21, 3511-3517.	9.1	141
2	Chirality Amplified: Long, Discrete Helicene Nanoribbons. Journal of the American Chemical Society, 2021, 143, 983-991.	13.7	85
3	Cocrystal Engineering of a High Nitrogen Energetic Material. Crystal Growth and Design, 2018, 18, 219-224.	3.0	71
4	Room-Temperature Ferroelectricity in an Organic Cocrystal. Angewandte Chemie - International Edition, 2018, 57, 9044-9047.	13.8	64
5	Coupling between magnetic order and charge transport in a two-dimensional magnetic semiconductor. Nature Materials, 2022, 21, 754-760.	27.5	60
6	GaCl ₃ -Catalyzed Ring-Opening Carbonyl-Olefin Metathesis. Organic Letters, 2018, 20, 4954-4958.	4.6	48
7	Interrupted carbonyl-olefin metathesis via oxygen atom transfer. Science, 2018, 361, 1363-1369.	12.6	47
8	Charge-Transport Properties of F ₆ TNAP-Based Charge-Transfer Cocrystals. Advanced Functional Materials, 2019, 29, 1904858.	14.9	36
9	Improving stability of the metal-free primary energetic cyanuric triazide (CTA) through cocrystallization. Chemical Communications, 2020, 56, 2111-2114.	4.1	26
10	Evaluation of the Appropriate Use of Characterization Methods for Differentiation between Cocrystals and Physical Mixtures in the Context of Energetic Materials. Crystal Growth and Design, 2017, 17, 901-906.	3.0	24
11	Visualizing Atomically Layered Magnetism in CrSBr. Advanced Materials, 2022, 34, e2201000.	21.0	22
12	Detonation Velocity Measurement of a Hydrogen Peroxide Solvate of CL ₂₀ . Propellants, Explosives, Pyrotechnics, 2019, 44, 313-318.	1.6	19
13	Quaternary Charge-Transfer Solid Solutions: Electronic Tunability through Stoichiometry. Chemistry of Materials, 2019, 31, 6598-6604.	6.7	17
14	Detonation Performance of Ten Forms of 5,5-Dinitro-2 <i>H</i> ,2 <i>H</i> - Δ^2 -3,3-bi-1,2,4-triazole (DNBT). Crystal Growth and Design, 2018, 18, 7701-7707.	3.0	16
15	Room-Temperature Ferroelectricity in an Organic Cocrystal. Angewandte Chemie, 2018, 130, 9182-9185.	2.0	14
16	Generating Cocrystal Polymorphs with Information Entropy Driven by Molecular Dynamics-Based Enhanced Sampling. Journal of Physical Chemistry Letters, 2020, 11, 9751-9758.	4.6	10
17	Site-Selective Surface Modification of 2D Superatomic Re ₆ Se ₈ . Journal of the American Chemical Society, 2022, 144, 74-79.	13.7	10
18	Controlling Ligand Coordination Spheres and Cluster Fusion in Superatoms. Journal of the American Chemical Society, 2022, 144, 306-313.	13.7	10

#	ARTICLE	IF	CITATIONS
19	Polytypism, Anisotropic Transport, and Weyl Nodes in the van der Waals Metal TaFeTe ₄ . Journal of the American Chemical Society, 2021, 143, 109-113.	13.7	4
20	Broad-band Chiral Absorbance of Visible Light. Journal of the American Chemical Society, 2022, 144, 5263-5267.	13.7	3
21	Factors influencing hydrogen peroxide versus water inclusion in molecular crystals. Physical Chemistry Chemical Physics, 2022, 24, 11206-11212.	2.8	2
22	Utilizing plane group symmetry to favor noncentrosymmetry in three-dimensional crystals. Canadian Journal of Chemistry, 2020, 98, 327-331.	1.1	0