

Nicholas M Randell

List of Publications by Year in descending order

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15
papers

295
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1040056

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1058476

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21
docs citations

21
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Ln(III) ₄ (Ln = Eu, Gd, Dy, Ho, Yb) [2 Å – 2] Square Grids: a New Class of Lanthanide Cluster. <i>Inorganic Chemistry</i> , 2013, 52, 6731-6742.	4.0	61
2	Effect of Acceptor Unit Length and Planarity on the Optoelectronic Properties of Isoindigo- <i>Thiophene Donor</i> -Acceptor Polymers. <i>Chemistry of Materials</i> , 2018, 30, 4864-4873.	6.7	48
3	Bisoidindigo: using a ring-fusion approach to extend the conjugation length of isoindigo. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6940-6945.	10.3	39
4	Recent Advances in Isoindigo-Inspired Organic Semiconductors. <i>Chemical Record</i> , 2019, 19, 973-988.	5.8	30
5	7-Azaisoindigo as a new electron deficient component of small molecule chromophores for organic solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1085-1092.	10.3	27
6	Primary Fragmentation Pathways of Gas Phase [M(Uracil [~] H)(Uracil)] ⁺ Complexes (M=Zn,) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 1507-1513.	2.1	20
7	Lewis Acid-Base Chemistry of 7-Azaisoindigo-Based Organic Semiconductors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24788-24796.	8.0	19
8	Local structural changes in polyamorphous (Ni,Fe)O _x electrocatalysts suggest a dual-site oxygen evolution reaction mechanism. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13252-13262.	10.3	17
9	Effect of Molecular Shape on the Properties of Non-Fullerene Acceptors: Contrasting Calamitic Versus 3D Design Principles. <i>ACS Applied Energy Materials</i> , 2018, 1, 6513-6523.	5.1	10
10	Tuning the Electron Storage Potential of a Charge-Photoaccumulating Ru ^{II} Complex by a DFT-Guided Approach. <i>Chemistry - A European Journal</i> , 2019, 25, 13911-13920.	3.3	5
11	Structural Evolution in Photodeposited Nickel (oxy)hydroxide Oxygen Evolution Electrocatalysts. <i>ACS Applied Energy Materials</i> , 2020, 3, 12407-12416.	5.1	5
12	Photodeposited Polyamorphous CuO _x Hole-Transport Layers in Organic Photovoltaics. <i>ACS Applied Energy Materials</i> , 2021, 4, 12900-12908.	5.1	5
13	A Combined Spectroscopic and Theoretical Study on a Ruthenium Complex Featuring a π -Extended dppz Ligand for Light-Driven Accumulation of Multiple Reducing Equivalents. <i>Chemistry - A European Journal</i> , 2022, 28, e202103882.	3.3	5
14	6,6'-Dimethoxy-2,2'-[[(<i>E,E</i>)-hydrazine-1,2-diylidene]bis(methanylylidene)]diphenol methanol disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2711-o2711.	0.2	4
15	Towards in Operando XAS Investigation of CO ₂ Electrolysis in Solid Oxide Cells: Synchrotron Studies of La _{0.3} Ca _{0.7} Fe _{0.7} Cr _{0.3} O _{3-δ} Perovskites. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 1480-1480.	0.0	0