Nicholas M Randell

List of Publications by Year
in descending order

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15	295	1040056 9	1058476 14
papers	citations	h-index	g-index

21	21	21	570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Combined Spectroscopic and Theoretical Study on a Ruthenium Complex Featuring a Ï€â€Extended dppz Ligand for Lightâ€Driven Accumulation of Multiple Reducing Equivalents. Chemistry - A European Journal, 2022, 28, e202103882.	3.3	5
2	Local structural changes in polyamorphous (Ni,Fe)O_x electrocatalysts suggest a dual-site oxygen evolution reaction mechanism. Journal of Materials Chemistry A, 2021, 9, 13252-13262.	10.3	17
3	Photodeposited Polyamorphous CuO_x Hole-Transport Layers in Organic Photovoltaics. ACS Applied Energy Materials, 2021, 4, 12900-12908.	5.1	5
4	Towards in Operando XAS Investigation of CO2 Electrolysis in Solid Oxide Cells: Synchrotron Studies of La0.3Ca0.7Fe0.7Cr0.3O3-Î´ Perovskites. ECS Meeting Abstracts, 2021, MA2021-02, 1480-1480.	0.0	0
5	Structural Evolution in Photodeposited Nickel (oxy)hydroxide Oxygen Evolution Electrocatalysts. ACS Applied Energy Materials, 2020, 3, 12407-12416.	5.1	5
6	Tuning the Electron Storage Potential of a Chargeâ€Photoaccumulating Ru^{II} Complex by a DFTâ€Guided Approach. Chemistry - A European Journal, 2019, 25, 13911-13920.	3.3	5
7	Recent Advances in Isoindigoâ€Inspired Organic Semiconductors. Chemical Record, 2019, 19, 973-988.	5.8	30
8	Effect of Molecular Shape on the Properties of Non-Fullerene Acceptors: Contrasting Calamitic Versus 3D Design Principles. ACS Applied Energy Materials, 2018, 1, 6513-6523.	5.1	10
9	Effect of Acceptor Unit Length and Planarity on the Optoelectronic Properties of Isoindigoâ€“Thiophene Donorâ€“Acceptor Polymers. Chemistry of Materials, 2018, 30, 4864-4873.	6.7	48
10	Lewis Acidâ€“Base Chemistry of 7-Azaisoindigo-Based Organic Semiconductors. ACS Applied Materials & Interfaces, 2017, 9, 24788-24796.	8.0	19
11	Bisisoindigo: using a ring-fusion approach to extend the conjugation length of isoindigo. Journal of Materials Chemistry A, 2016, 4, 6940-6945.	10.3	39
12	7-Azaisoindigo as a new electron deficient component of small molecule chromophores for organic solar cells. Journal of Materials Chemistry A, 2014, 2, 1085-1092.	10.3	27
13	Self-Assembled Ln(III)₄ (Ln = Eu, Gd, Dy, Ho, Yb) [2 Ã— 2] Square Grids: a New Class of Lanthanide Cluster. Inorganic Chemistry, 2013, 52, 6731-6742.	4.0	61
14	6,6â€²-Dimethoxy-2,2â€²-{[(E,E)-hydrazine-1,2-diylidene]bis(methanylylidene)}diphenol methanol disolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2711-o2711.	0.2	4
15	Primary Fragmentation Pathways of Gas Phase [M(Uracilâ€¯H)(Uracil)]⁺ Complexes (M=Zn,) Tj ETQq1 1 0.784314 rgBT /O 1507-1513.	2.1	20