

# Richard May

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10966682/publications.pdf>

Version: 2024-02-01

11  
papers

1,526  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

3130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perovskite-perovskite tandem photovoltaics with optimized band gaps. <i>Science</i> , 2016, 354, 861-865.	12.6	1,107
2	Efficient Low-Temperature Cycling of Lithium Metal Anodes by Tailoring the Solid-Electrolyte Interphase. <i>ACS Energy Letters</i> , 2020, 5, 2411-2420.	17.4	174
3	High-performance organic pseudocapacitors via molecular contortion. <i>Nature Materials</i> , 2021, 20, 1136-1141.	27.5	103
4	Rapid Interfacial Exchange of Li Ions Dictates High Coulombic Efficiency in Li Metal Anodes. <i>ACS Energy Letters</i> , 0, , 1162-1169.	17.4	41
5	Evolving contact mechanics and microstructure formation dynamics of the lithium metal-Li <sub>7</sub> La <sub>3</sub> Zr <sub>2</sub> O <sub>12</sub> interface. <i>Nature Communications</i> , 2021, 12, 6369.	12.8	26
6	Recovery and Reuse of Composite Cathode Binder in Lithium Ion Batteries. <i>ChemistryOpen</i> , 2021, 10, 545-552.	1.9	19
7	Potassium Fluoride and Carbonate Lead to Cell Failure in Potassium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 53841-53849.	8.0	17
8	Morphological Expression of the Coherence and Relative Phase of Optical Inputs to the Photoelectrodeposition of Nanopatterned SeTe Films. <i>Nano Letters</i> , 2016, 16, 2963-2968.	9.1	16
9	Leveraging Cation Identity to Engineer Solid Electrolyte Interphases for Rechargeable Lithium Metal Anodes. <i>Cell Reports Physical Science</i> , 2020, 1, 100239.	5.6	11
10	Resolving Chemical and Spatial Heterogeneities at Complex Electrochemical Interfaces in Li-Ion Batteries. <i>Chemistry of Materials</i> , 2022, 34, 232-243.	6.7	9
11	Air-stable, long-length, solution-based graphene nanoribbons. <i>Chemical Science</i> , 2020, 11, 9978-9982.	7.4	3