

Richard May

List of Publications by Year in descending order

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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	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
2	High-performance organic pseudocapacitors via molecular contortion. <i>Nature Materials</i> , 2021, 20, 1136-1141.	27.5	103
3	Recovery and Reuse of Composite Cathode Binder in Lithium Ion Batteries. <i>ChemistryOpen</i> , 2021, 10, 545-552.	1.9	19
4	Evolving contact mechanics and microstructure formation dynamics of the lithium metal-Li ₇ La ₃ Zr ₂ O ₁₂ interface. <i>Nature Communications</i> , 2021, 12, 6369.	12.8	26
5	Potassium Fluoride and Carbonate Lead to Cell Failure in Potassium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53841-53849.	8.0	17
6	Air-stable, long-length, solution-based graphene nanoribbons. <i>Chemical Science</i> , 2020, 11, 9978-9982.	7.4	3
7	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
8	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
9	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
10	Perovskite-perovskite tandem photovoltaics with optimized band gaps. <i>Science</i> , 2016, 354, 861-865.	12.6	1,107
11	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