

Ryan P Bisbey

List of Publications by Year in descending order

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14
papers

2,180
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

3093
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeded growth of single-crystal two-dimensional covalent organic frameworks. <i>Science</i> , 2018, 361, 52-57.	12.6	474
2	Superior Charge Storage and Power Density of a Conducting Polymer-Modified Covalent Organic Framework. <i>ACS Central Science</i> , 2016, 2, 667-673.	11.3	349
3	Rapid and Efficient Redox Processes within 2D Covalent Organic Framework Thin Films. <i>ACS Nano</i> , 2015, 9, 3178-3183.	14.6	318
4	Removal of GenX and Perfluorinated Alkyl Substances from Water by Amine-Functionalized Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 12677-12681.	13.7	279
5	Covalent Organic Frameworks as a Platform for Multidimensional Polymerization. <i>ACS Central Science</i> , 2017, 3, 533-543.	11.3	251
6	Colloidal Covalent Organic Frameworks. <i>ACS Central Science</i> , 2017, 3, 58-65.	11.3	216
7	Two-dimensional Covalent Organic Framework Thin Films Grown in Flow. <i>Journal of the American Chemical Society</i> , 2016, 138, 11433-11436.	13.7	103
8	Trends in the thermal stability of two-dimensional covalent organic frameworks. <i>Faraday Discussions</i> , 2021, 225, 226-240.	3.2	41
9	Thermochemical aerobic oxidation catalysis in water can be analysed as two coupled electrochemical half-reactions. <i>Nature Catalysis</i> , 2021, 4, 742-752.	34.4	38
10	Equilibration of Imine-Linked Polymers to Hexagonal Macrocycles Driven by Self-Assembly. <i>Chemistry - A European Journal</i> , 2018, 24, 3989-3993.	3.3	33
11	Innocent buffers reveal the intrinsic pH- and coverage-dependent kinetics of the hydrogen evolution reaction on noble metals. <i>Joule</i> , 2022, 6, 476-493.	24.0	30
12	Electronically Coupled 2D Polymer/MoS ₂ Heterostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 21131-21139.	13.7	25
13	Mixed Electron-Proton Conductors Enable Spatial Separation of Bond Activation and Charge Transfer in Electrocatalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 11115-11122.	13.7	19
14	N-Heterocyclic Linkages Are Produced from Condensation of Amidines onto Graphitic Carbon. <i>Chemistry of Materials</i> , 2020, 32, 8512-8521.	6.7	4