

Haoyan Huo

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

549
citations

1040018

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h-index

1372553

10
g-index

11
all docs

11
docs citations

11
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Text-mined dataset of inorganic materials synthesis recipes. <i>Scientific Data</i> , 2019, 6, 203.	5.3	121
2	Semi-supervised machine-learning classification of materials synthesis procedures. <i>Npj Computational Materials</i> , 2019, 5, .	8.7	85
3	Opportunities and challenges of text mining in materials research. <i>IScience</i> , 2021, 24, 102155.	4.1	81
4	Toward autonomous design and synthesis of novel inorganic materials. <i>Materials Horizons</i> , 2021, 8, 2169-2198.	12.2	61
5	Similarity of Precursors in Solid-State Synthesis as Text-Mined from Scientific Literature. <i>Chemistry of Materials</i> , 2020, 32, 7861-7873.	6.7	49
6	Synthetic accessibility and stability rules of NASICONs. <i>Nature Communications</i> , 2021, 12, 5752.	12.8	47
7	Quantifying the advantage of domain-specific pre-training on named entity recognition tasks in materials science. <i>Patterns</i> , 2022, 3, 100488.	5.9	46
8	Text-mined dataset of gold nanoparticle synthesis procedures, morphologies, and size entities. <i>Scientific Data</i> , 2022, 9, .	5.3	24
9	Dataset of solution-based inorganic materials synthesis procedures extracted from the scientific literature. <i>Scientific Data</i> , 2022, 9, .	5.3	23
10	ULSA: unified language of synthesis actions for the representation of inorganic synthesis protocols. , 2022, 1, 313-324.		10