

Steph-Yves Louis

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

203
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Graph convolutional neural networks with global attention for improved materials property prediction. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 18141-18148.	2.8	85
2	Scalable deeper graph neural networks for high-performance materials property prediction. <i>Patterns</i> , 2022, 3, 100491.	5.9	26
3	MaterialsAtlas.org: a materials informatics web app platform for materials discovery and survey of state-of-the-art. <i>Npj Computational Materials</i> , 2022, 8, .	8.7	25
4	Predicting Elastic Properties of Materials from Electronic Charge Density Using 3D Deep Convolutional Neural Networks. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17262-17273.	3.1	23
5	Machine Learning based prediction of noncentrosymmetric crystal materials. <i>Computational Materials Science</i> , 2020, 183, 109792.	3.0	18
6	Accurate Prediction of Voltage of Battery Electrode Materials Using Attention-Based Graph Neural Networks. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26587-26594.	8.0	13
7	Active-Learning-Based Generative Design for the Discovery of Wide-Band-Gap Materials. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16118-16128.	3.1	12
8	NODE-SELECT: A graph neural network based on a selective propagation technique. <i>Neurocomputing</i> , 2022, 494, 396-408.	5.9	1