

# Sebastian Ament

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

5

papers

28

citations

3

h-index

5

g-index

5

ext. papers

62

ext. citations

8.8

avg, IF

1.4

L-index

#	Paper	IF	Citations
5	CRYSTAL: a multi-agent AI system for automated mapping of materials crystal structures. <i>MRS Communications</i> , <b>2019</b> , 9, 600-608	2.7	13
4	Automating crystal-structure phase mapping by combining deep learning with constraint reasoning. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 812-822	22.5	6
3	Accurate and efficient numerical calculation of stable densities via optimized quadrature and asymptotics. <i>Statistics and Computing</i> , <b>2018</b> , 28, 171-185	1.8	3
2	Optical Identification of Materials Transformations in Oxide Thin Films. <i>ACS Combinatorial Science</i> , <b>2020</b> , 22, 887-894	3.9	3
1	Autonomous materials synthesis via hierarchical active learning of nonequilibrium phase diagrams.. <i>Science Advances</i> , <b>2021</b> , 7, eabg4930	14.3	3