

# Matthew T Beason

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3380441/publications.pdf>

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8  
papers

56  
citations

1937685

4  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray nanotomography and focused-ion-beam sectioning for quantitative three-dimensional analysis of nanocomposites. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 990-996.	2.4	19
2	Direct observation of the hcp-bcc phase transition and melting along the principal Hugoniot of Mg. <i>Physical Review B</i> , 2020, 101, .	3.2	11
3	Shock-induced reaction synthesis of cubic boron nitride. <i>Applied Physics Letters</i> , 2018, 112, 171903.	3.3	9
4	Investigating shock melting of metals through time-resolved x-ray diffraction of cerium. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	8
5	Shock melting and the hcp-bcc phase boundary of Mg under dynamic loading. <i>Physical Review B</i> , 2021, 104, .	3.2	4
6	Examination of the cerium $\hat{1}\pm\hat{1}\mu$ phase transition under dynamic loading with x-ray diffraction. <i>Physical Review B</i> , 2022, 105, .	3.2	4
7	Examination of shock-induced reaction in Ni/Al powder mixtures. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
8	Studies on the Mg HCP-BCC phase boundary through shock and release. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0