

# Matthew T Beason

## List of Publications by Year in descending order

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8  
papers

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1937685  
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78  
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#	ARTICLE	IF	CITATIONS
1	Examination of the cerium $\hat{\pm}$ - $\hat{\mu}$ phase transition under dynamic loading with x-ray diffraction. Physical Review B, 2022, 105, .	3.2	4
2	Shock melting and the hcp-bcc phase boundary of Mg under dynamic loading. Physical Review B, 2021, 104, .	3.2	4
3	Examination of shock-induced reaction in Ni/Al powder mixtures. AIP Conference Proceedings, 2020, , .	0.4	1
4	Investigating shock melting of metals through time-resolved x-ray diffraction of cerium. Journal of Applied Physics, 2020, 128, .	2.5	8
5	Direct observation of the hcp-bcc phase transition and melting along the principal Hugoniot of Mg. Physical Review B, 2020, 101, .	3.2	11
6	Studies on the Mg HCP-BCC phase boundary through shock and release. AIP Conference Proceedings, 2020, , .	0.4	0
7	Shock-induced reaction synthesis of cubic boron nitride. Applied Physics Letters, 2018, 112, 171903.	3.3	9
8	X-ray nanotomography and focused-ion-beam sectioning for quantitative three-dimensional analysis of nanocomposites. Journal of Synchrotron Radiation, 2016, 23, 990-996.	2.4	19