

Travis J Volz

List of Publications by Year in descending order

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5
papers

96
citations

1936888

4
h-index

2053342

5
g-index

5
all docs

5
docs citations

5
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformation of shock-compressed graphite to hexagonal diamond in nanoseconds. Science Advances, 2017, 3, eaao3561.	4.7	61
2	Graphite to diamond transformation under shock compression: Role of orientational order. Journal of Applied Physics, 2019, 125, .	1.1	16
3	Role of graphite crystal structure on the shock-induced formation of cubic and hexagonal diamond. Physical Review B, 2020, 101, .	1.1	8
4	Quantitative measurements of density in shock-compressed silver up to 330 GPa using x-ray diffraction. Journal of Applied Physics, 2022, 131, .	1.1	6
5	Elastic moduli of hexagonal diamond and cubic diamond formed under shock compression. Physical Review B, 2021, 103, .	1.1	5