

# Cuong Dinh Tran

## List of Publications by Year in descending order

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13  
papers

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1307366

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#	ARTICLE	IF	CITATIONS
1	Theoretical insights into non-Arrhenius behaviors of thermal vacancies in anharmonic crystals. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4910-4915.	1.3	4
2	Efficient analytical approach for high-pressure melting properties of iron. <i>Vacuum</i> , 2021, 185, 110001.	1.6	9
3	Theoretical model for the high-pressure melting process of MgO with the B1 structure. <i>Vacuum</i> , 2021, 189, 110231.	1.6	7
4	Modification of the statistical moment method for the high-pressure melting curve by the inclusion of thermal vacancies. <i>Vacuum</i> , 2020, 179, 109444.	1.6	13
5	Structural relaxation time and dynamic shear modulus of glassy graphene. <i>Journal of Non-Crystalline Solids</i> , 2020, 538, 120024.	1.5	4
6	Compression Effects on Structural Relaxation Process of Amorphous Indomethacin. <i>Communications in Physics</i> , 2020, 31, .	0.0	0
7	High-pressure melting curves of FCC metals Ni, Pd and Pt with defects. <i>Modern Physics Letters B</i> , 2019, 33, 1950300.	1.0	7
8	Application of the statistical moment method to melting properties of ternary alloys with FCC structure. <i>Journal of Applied Physics</i> , 2019, 125, 215112.	1.1	12
9	Thermal expansion coefficient of BCC defective substitutional alloy AB with interstitial atom C. <i>Modern Physics Letters B</i> , 2019, 33, 1950165.	1.0	1
10	Study on the Melting of the Defective Interstitial Alloys TaSi and WSi with BCC Structure. <i>Journal of the Korean Physical Society</i> , 2019, 74, 801-805.	0.3	6
11	Study on the melting of interstitial alloys FeH and FeC with BCC structure under pressure. <i>Chinese Journal of Physics</i> , 2019, 59, 1-9.	2.0	10
12	On the melting of interstitial alloys FeH, FeSi and FeC with a body-centred cubic structure under pressure. <i>Vietnam Journal of Science Technology and Engineering</i> , 2019, 61, 17-22.	0.1	4
13	Thermodynamic and Elastic Properties of Interstitial Alloy FeC with BCC Structure at Zero Pressure. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-8.	1.0	10