

# Cuong Dinh Tran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/279528/publications.pdf>

Version: 2024-02-01

13  
papers

87  
citations

1307366

7  
h-index

1372474

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

32  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Efficient analytical approach for high-pressure melting properties of iron. <i>Vacuum</i> , 2021, 185, 110001.	1.6	9
6	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
7	Theoretical model for the high-pressure melting process of MgO with the B1 structure. <i>Vacuum</i> , 2021, 189, 110231.	1.6	7
8	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
9	Structural relaxation time and dynamic shear modulus of glassy graphene. <i>Journal of Non-Crystalline Solids</i> , 2020, 538, 120024.	1.5	4
10	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
11	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
12	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
13	Compression Effects on Structural Relaxation Process of Amorphous Indomethacin. <i>Communications in Physics</i> , 2020, 31, .	0.0	0