

# Qi-Long Cao

## List of Publications by Year in descending order

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19  
papers

160  
citations

1039880

9  
h-index

1199470

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisiting the Stokes-Einstein relation for glass-forming melts. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2557-2565.	1.3	7
2	Pressure Effects on the Transport and Structural Properties of Metallic Glass-Forming Liquid. <i>Chinese Physics Letters</i> , 2020, 37, 076201.	1.3	5
3	Assessing relationships between self-diffusion coefficient and viscosity in Ni-Al alloys based on the pair distribution function. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	7
4	Stokes-Einstein relation in liquid iron-nickel alloy up to 300 GPa. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3351-3363.	1.4	4
5	Entropy and transport properties of liquid metals along the melting curve. <i>AIP Advances</i> , 2017, 7, 025115.	0.6	0
6	Investigation of physical properties for nonlinear optical crystal MnTeMoO <sub>6</sub> : Hardness, density, specific heat and chemical stability. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	1
7	Transport properties and entropy-scaling laws for diffusion coefficients in liquid Fe <sub>0.9</sub> Ni <sub>0.1</sub> up to 350 GPa. <i>RSC Advances</i> , 2016, 6, 84420-84425.	1.7	9
8	Melting properties of Pt and its transport coefficients in liquid states under high pressures. <i>International Journal of Modern Physics B</i> , 2016, 30, 1550250.	1.0	2
9	Relationship between structure and cleavage behavior in the nonlinear optical crystal MnTeMoO <sub>6</sub> . <i>Journal of Crystal Growth</i> , 2015, 419, 25-30.	0.7	10
10	Low-lying electronic states of LiF molecule with inner electrons correlation. <i>Molecular Physics</i> , 2015, 113, 1359-1367.	0.8	2
11	Properties of Liquid Nickel along Melting Lines under High Pressure. <i>Chinese Physics Letters</i> , 2015, 32, 086201.	1.3	12
12	Entropy-scaling laws for diffusion coefficients in liquid metals under high pressures. <i>Journal of Applied Physics</i> , 2015, 117, 135903.	1.1	9
13	Laser cooling of MgCl and MgBr in theoretical approach. <i>Journal of Chemical Physics</i> , 2015, 143, 024302.	1.2	22
14	Transport Properties and the Entropy-Scaling Law for Liquid Tantalum and Molybdenum under High Pressure. <i>Chinese Physics Letters</i> , 2014, 31, 066202.	1.3	13
15	Transport coefficients and entropy-scaling law in liquid iron up to Earth-core pressures. <i>Journal of Chemical Physics</i> , 2014, 140, 114505.	1.2	23
16	Low-lying electronic states of BeH <sup>+</sup> with the effect of inner electrons. <i>Molecular Physics</i> , 2014, 112, 2184-2194.	0.8	5
17	Revisiting scaling laws for the diffusion coefficients in simple melts based on the structural deviation from hard-sphere-like case. <i>Physica B: Condensed Matter</i> , 2011, 406, 3114-3119.	1.3	13
18	Correlations among residual multiparticle entropy, local atomic-level pressure, free volume and the phase-ordering rule in several liquids. <i>Journal of Chemical Physics</i> , 2011, 134, 044508.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Two-order-parameter description of liquid Al under five different pressures. Physical Review B, 2008, 78, .	1.1	6