

# Stanimir Boney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9814506/publications.pdf>

Version: 2024-02-01

14  
papers

411  
citations

1163117

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h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetics of polymeric carbon monoxide. Journal of Chemical Physics, 2021, 155, 054501.	3.0	0
2	Fermi surface studies of the low-temperature structure of sodium. Physical Review B, 2020, 101, .	3.2	5
3	High-pressure lithium as an elemental topological semimetal. Physical Review Materials, 2019, 3, .	2.4	7
4	Polymerization of sodium-doped liquid nitrogen under pressure. Physical Review B, 2017, 96, .	3.2	4
5	Role of quantum ion dynamics in the melting of lithium. Physical Review B, 2016, 94, .	3.2	13
6	Stability of dense liquid carbon dioxide. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14808-14812.	7.1	39
7	Stability of the high-pressure phases of CaTiO <sub>3</sub> perovskite at finite temperatures. Physical Review B, 2012, 86, .	3.2	15
8	Lattice Dynamics of Dense Lithium. Physical Review Letters, 2012, 108, 055501.	7.8	30
9	Structural and thermodynamic properties of liquid Na-Li and Ca-Li alloys at high pressure. Physical Review B, 2011, 83, .	3.2	18
10	Comment On "Structural Prediction and Phase Transformation Mechanisms in Calcium at High Pressure" Physical Review Letters, 2010, 104, 209601; author reply 209602.	7.8	6
11	High-Pressure Phases of Calcium: Density-Functional Theory and Diffusion Quantum Monte Carlo Approach. Physical Review Letters, 2010, 105, 235503.	7.8	37
12	High-pressure phases of calcium and their finite-temperature phase boundaries. Physical Review B, 2008, 78, .	3.2	41
13	Diagrammatic quantum field formalism for localized electrons. Physical Review B, 2008, 78, .	3.2	0
14	Carbon under extreme conditions: Phase boundaries and electronic properties from first-principles theory. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1204-1208.	7.1	196