

Vitaly Gorelov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9252039/publications.pdf>

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6
papers

85
citations

1684188

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1720034

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7
all docs

7
docs citations

7
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic band gaps from quantum Monte Carlo methods. Physical Review B, 2020, 101, .	3.2	26
2	Energy Gap Closure of Crystalline Molecular Hydrogen with Pressure. Physical Review Letters, 2020, 124, 116401.	7.8	24
3	Electronic energy gap closure and metal-insulator transition in dense liquid hydrogen. Physical Review B, 2020, 102, .	3.2	13
4	Benchmarking vdWâ€‘DF firstâ€‘principles predictions against Coupled Electronâ€‘Ion Monte Carlo for highâ€‘pressure liquid hydrogen. Contributions To Plasma Physics, 2019, 59, e201800185.	1.1	11
5	Electronic structure and optical properties of quantum crystals from first principles calculations in the Bornâ€‘Oppenheimer approximation. Journal of Chemical Physics, 2020, 153, 234117.	3.0	6
6	Delocalization of dark and bright excitons in flat-band materials and the optical properties of V2O5. Npj Computational Materials, 2022, 8, .	8.7	2