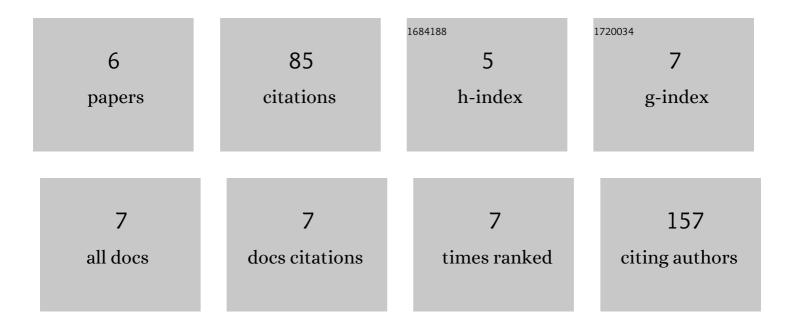
Vitaly Gorelov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9252039/publications.pdf Version: 2024-02-01



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