

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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157
citing authors

| # | 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 Bornâ€“Oppenheimer approximation. Journal of Chemical Physics, 2020, 153, 234117. | 3.0 | 6 |
| 6 | 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 |