

# Yusuke Masaki

## List of Publications by Year in descending order

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17  
papers

281  
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1163117

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888059

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docs citations

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times ranked

306  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Finite-Temperature Properties of Three-Dimensional Chiral Helimagnets. Journal of the Physical Society of Japan, 2016, 85, .                             | 1.6  | 67        |
| 2  | Emergent dynamic chirality in a thermally driven artificial spin ratchet. Nature Materials, 2017, 16, 1106-1111.   | 27.5 | 61        |
| 3  | Intrinsic hysteresis due to the surface barrier for chiral solitons in monoaxial chiral helimagnets. Physical Review B, 2018, 97, .                      | 3.2  | 30        |
| 4  | Order and disorder in the magnetization of the chiral crystal $\text{CrNb}_3\text{S}_6$ . Physical Review B, 2019, 99, .                                 | 3.2  | 27        |
| 5  | Chiral solitons in monoaxial chiral magnets in tilted magnetic field. Physical Review B, 2018, 98, .   | 3.2  | 21        |
| 6  | Magnetic anisotropy and conical phase transition in monoaxial chiral magnets. Physical Review B, 2017, 95, .   | 3.2  | 12        |
| 7  | Microscopic description of axisymmetric vortices in $\text{P}_2$ superfluids. Physical Review Research, 2020, 2, .                                       | 3.6  | 12        |
| 8  | Robust zero-energy bound states around a pair-density-wave vortex core in locally noncentrosymmetric superconductors. Physical Review B, 2016, 93, .     | 3.2  | 11        |
| 9  | Impurity Effects on Bound States in Vortex Core of Topological s-Wave Superconductor. Journal of the Physical Society of Japan, 2015, 84, 094701.        | 1.6  | 8         |
| 10 | Instabilities in monoaxial chiral magnets under a tilted magnetic field. Physical Review B, 2020, 101, .   | 3.2  | 6         |
| 11 | Non-Abelian half-quantum vortices in $\text{P}_3$ topological superfluids. Physical Review B, 2022, 105, .   | 3.2  | 6         |
| 12 | Vortex charges and impurity effects based on quasiclassical theory in an s-wave and a chiral p-wave superconductor. Physical Review B, 2019, 99, .       | 3.2  | 5         |
| 13 | Impurity effects on vortex core states of topological s-wave superconductor. Journal of Physics: Conference Series, 2014, 568, 022028.                   | 0.4  | 4         |
| 14 | Impurity Effects on Caroliâ€“de Gennesâ€“Matricon Mode in Vortex Core in Superconductors. Journal of the Physical Society of Japan, 2016, 85, 014705.    | 1.6  | 4         |
| 15 | Spin-Nernst Effect in Time-Reversal-Invariant Topological Superconductors. Physical Review Letters, 2022, 128, 097001.                                   | 7.8  | 4         |
| 16 | Charged and uncharged vortices in quasiclassical theory. Journal of Physics: Conference Series, 2018, 969, 012054.                                       | 0.4  | 2         |
| 17 | Impurity Effects on Vortex Core States in Topological s-Wave Superconductor: Analysis based on Andreev Approximation. Physics Procedia, 2015, 65, 89-92. | 1.2  | 0         |