

Domenico Di Sante

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,259
citations

279798

23
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

3338
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric Control of the Giant Rashba Effect in Bulk GeTe. <i>Advanced Materials</i> , 2013, 25, 509-513.	21.0	353
2	Tuning the Ferroelectric Polarization in a Multiferroic Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 18126-18130.	13.7	252
3	Twofold van Hove singularity and origin of charge order in topological kagome superconductor CsV3Sb5. <i>Nature Physics</i> , 2022, 18, 301-308.	16.7	176
4	Giant Rashba-Type Spin Splitting in Ferroelectric GeTe(111). <i>Advanced Materials</i> , 2016, 28, 560-565.	21.0	155
5	Nature of Unconventional Pairing in the Kagome Superconductors $A \sqrt{V}^3$		

#	ARTICLE	IF	CITATIONS
19	Structural, electronic and ferroelectric properties of croconic acid crystal: a DFT study. Physical Chemistry Chemical Physics, 2012, 14, 14673.	2.8	39
20	Orbital-Driven Rashba Effect in a Binary Honeycomb Monolayer AgTe. Physical Review Letters, 2020, 124, 176401.	7.8	33
21	Observation of tunable single-atom Yu-Shiba-Rusinov states. Physical Review B, 2020, 102, .	3.2	28
22	Turbulent hydrodynamics in strongly correlated Kagome metals. Nature Communications, 2020, 11, 3997.	12.8	25
23	Unconventional superconductivity in a doped quantum spin Hall insulator. Physical Review B, 2019, 100, .	3.2	24
24	Triplet Superconductivity from Nonlocal Coulomb Repulsion in an Atomic Sn Layer Deposited onto a Si(111) Substrate. Physical Review Letters, 2022, 128, 167002.	7.8	23
25	Orbital Fingerprint of Topological Fermi Arcs in the Weyl Semimetal TaP. Physical Review Letters, 2019, 122, 116402.	7.8	22
26	Momentum-space signatures of Berry flux monopoles in the Weyl semimetal TaAs. Nature Communications, 2021, 12, 3650.	12.8	20
27	Design and realization of topological Dirac fermions on a triangular lattice. Nature Communications, 2021, 12, 5396.	12.8	19
28	Towards topological quasifreestanding stanene via substrate engineering. Physical Review B, 2019, 99, .	3.2	17
29	Van Hove tuning of ν_A Kagome metals under pressure and strain. Physical Review B, 2022, 105, .	3.2	17
30	Triplet superconductivity in the Dirac semimetal germanene on a substrate. Physical Review B, 2019, 99, .	3.2	16
31	Kagome metal-organic frameworks as a platform for strongly correlated electrons. JPhys Materials, 2020, 3, 025001.	4.2	11
32	Momentum for Catalysis: How Surface Reactions Shape the RuO ₂ Flat Surface State. ACS Catalysis, 2021, 11, 1749-1757.	11.2	8
33	Evidence of a 2D Electron Gas in a Single-Unit Cell of Anatase TiO ₂ (001). Advanced Science, 2022, 9, e2105114.	11.2	7
34	From high T_c to low T_c : Multiorbital effects in transition metal oxides. Physical Review B, 2021, 104, .	3.2	6
35	Nanoscale synthesis of ionic analogues of bilayer silicene with high carrier mobility. Journal of Materials Chemistry C, 2021, 9, 8545-8551.	5.5	4
36	Analogies between Jahn-Teller and Rashba spin physics. International Journal of Quantum Chemistry, 2016, 116, 1442-1450.	2.0	3

#	ARTICLE	IF	CITATIONS
37	Electronic structure of epitaxial perovskite films in the two-dimensional limit: Role of the surface termination. Applied Physics Letters, 2020, 116, 201601.	3.3	2