

Veronica Granata

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

326
citations

12
h-index

16
g-index

45
ext. papers

506
ext. citations

4.9
avg, IF

3
L-index

#	Paper	IF	Citations
40	Effect of the substrate on the electrical transport and fluctuation processes in NbRe and NbReN ultrathin films for superconducting electronics applications.. <i>Scientific Reports</i> , 2022 , 12, 1573	4.9	2
39	Unveiling unconventional magnetism at the surface of SrRuO. <i>Nature Communications</i> , 2021 , 12, 5792	17.4	2
38	Electronic reconstruction forming a C2-symmetric Dirac semimetal in Ca3Ru2O7. <i>Npj Quantum Materials</i> , 2021 , 6,	5	3
37	Emergence and Evolution of Crystallization in TiO Thin Films: A Structural and Morphological Study. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
36	Magnetic-Field Tunable Intertwined Checkerboard Charge Order and Nematicity in the Surface Layer of Sr RuO. <i>Advanced Materials</i> , 2021 , 33, e2100593	24	1
35	Magnetotransport of dirty-limit van Hove singularity quasiparticles. <i>Communications Physics</i> , 2021 , 4,	5.4	15
34	NbReN: A disordered superconductor in thin film form for potential application as superconducting nanowire single photon detector. <i>Physical Review Materials</i> , 2021 , 5,	3.2	3
33	Crystal growth of the Ca2RuO4Ru metal system by the floating-zone technique. <i>Journal of Alloys and Compounds</i> , 2020 , 832, 154890	5.7	1
32	Femtosecond laser surface irradiation of silicon in air: Pulse repetition rate influence on crater features and surface texture. <i>Optics and Laser Technology</i> , 2020 , 126, 106073	4.2	9
31	Resonant inelastic x-ray scattering study of Ca3Ru2O7. <i>Physical Review B</i> , 2020 , 102,	3.3	1
30	Quantum Backaction on kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. <i>Physical Review Letters</i> , 2020 , 125, 131101	7.4	17
29	Fermi surface and kink structures in [Formula: see text] revealed by synchrotron-based ARPES. <i>Scientific Reports</i> , 2020 , 10, 21062	4.9	0
28	Layer dependent antiferromagnetism in the Sr4Ru3O10 ruthenate at the metamagnetic-like transition. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 493, 165698	2.8	
27	Orbitally selective breakdown of Fermi liquid quasiparticles in Ca1.8Sr0.2RuO4. <i>Physical Review B</i> , 2019 , 99,	3.3	8
26	Superconductivity and functional oxides. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 625-629	2.3	
25	Effect of different atmospheres on the synthesis of Ba2CuGe2O7 single crystals. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 703-712	2.3	2
24	Water Resistant Self-Extinguishing Low Frequency Soundproofing Polyvinylpyrrolidone Based Electrospun Blankets. <i>Polymers</i> , 2019 , 11,	4.5	15

23	Emergence of a metallic metastable phase induced by electrical current in Ca ₂ RuO ₄ . <i>Physical Review B</i> , 2019 , 100,	3.3	9
22	Spin-Orbital Excitations in Ca ₂ RuO ₄ Revealed by Resonant Inelastic X-Ray Scattering. <i>Physical Review X</i> , 2018 , 8,	9.1	19
21	In-depth study of the H _{III} phase diagram of Sr ₄ Ru ₃ O ₁₀ by magnetization experiments. <i>Physica B: Condensed Matter</i> , 2018 , 536, 634-636	2.8	2
20	Hexagonal rotator order of bound ionic surfactants and temperature triggered dispersion of carbon nanotubes. <i>Carbon</i> , 2018 , 127, 228-235	10.4	2
19	Magnetic anisotropy and orbital ordering in Ca ₂ RuO ₄ . <i>Physical Review B</i> , 2018 , 98,	3.3	17
18	Hallmarks of Hund's coupling in the Mott insulator CaRuO ₃ . <i>Nature Communications</i> , 2017 , 8, 15176	17.4	42
17	Synergistic effect of divalent cations in improving technological properties of cross-linked alginate beads. <i>International Journal of Biological Macromolecules</i> , 2017 , 101, 100-106	7.9	31
16	Missing magnetism in SrRuO ₃ : Indication for Antisymmetric Exchange Interaction. <i>Scientific Reports</i> , 2017 , 7, 3867	4.9	7
15	Electronic bands and optical conductivity of the Dzyaloshinsky-Moriya multiferroic Ba ₂ CuGe ₂ O ₇ . <i>Physical Review B</i> , 2017 , 96,	3.3	3
14	Synthesis and characterization of mixed melilite-type oxides. <i>Journal of Crystal Growth</i> , 2017 , 457, 128-136	13.6	2
13	Spin-orbital nature of the high-field magnetic state in the Sr ₄ Ru ₃ O ₁₀ . <i>Physical Review B</i> , 2016 , 93,	3.3	18
12	Dilatometric study of the metamagnetic and ferromagnetic phases in the triple-layered Sr ₄ Ru ₃ O ₁₀ system. <i>Physical Review B</i> , 2016 , 94,	3.3	7
11	Crystal growth and characterization of the non-centrosymmetric antiferromagnet Ba ₂ CuGe ₂ O ₇ . <i>Journal of Crystal Growth</i> , 2014 , 404, 223-230	1.6	5
10	Double metamagnetic transition in Sr ₄ Ru ₃ O ₁₀ . <i>Physical Review B</i> , 2014 , 90,	3.3	18
9	Neutron diffraction study of triple-layered Sr ₄ Ru ₃ O ₁₀ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 056004	1.8	12
8	Anisotropic optical conductivity of Sr ₄ Ru ₃ O ₁₀ . <i>Physical Review B</i> , 2012 , 85,	3.3	12
7	NR studies of superconductivity in eutectically grown mixed ruthenates. <i>Physical Review B</i> , 2012 , 85,	3.3	12
6	Floating zone growth of eutectic Sr _{n+1} Ru _n O _{3n+1} crystals. <i>Crystal Research and Technology</i> , 2011 , 46, 769-772	1.3	6

5	Bistable Abrikosov vortex diode made of a Py/Nb ferromagnet-superconductor bilayer structure. <i>Applied Physics Letters</i> , 2009 , 94, 242504	3.4	11
4	Does the deoxyribonucleic acid shape dictate its conductivity?. <i>Journal of Applied Physics</i> , 2009 , 105, 102045	2.5	2
3	Superconducting behaviour via percolation in Sr ₂ RuO ₄ -Sr ₃ Ru ₂ O ₇ eutectic crystals. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 052056	0.3	2
2	Pseudo spin-valves with Al or Nb as spacer layer: GMR and search for spin switch behaviour. <i>European Physical Journal B</i> , 2007 , 60, 61-66	1.2	3
1	Spin polarized electron transport in a superconductor/ferromagnet junction with intermediate barrier strength. <i>Superconductor Science and Technology</i> , 2006 , 19, 1191-1195	3.1	