

Antonio Vecchione

List of Publications by Year in descending order

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178
all docs

178
docs citations

178
times ranked

2642
citing authors

#	ARTICLE	IF	CITATIONS
1	Guiding antiferromagnetic transitions in CaRuO_4 . Scientific Reports, 2022, 12, .	3.3	0
2	Electronic reconstruction forming a C2-symmetric Dirac semimetal in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Npj Quantum Materials, 2021, 6, .	5.2	11
3	Magnetic Field Tunable Intertwined Checkerboard Charge Order and Nematicity in the Surface Layer of Sr_2RuO_4 . Advanced Materials, 2021, 33, e2100593.	21.0	11
4	Secondary electron yield reduction by femtosecond pulse laser-induced periodic surface structuring. Surfaces and Interfaces, 2021, 25, 101179.	3.0	17
5	Unveiling unconventional magnetism at the surface of Sr_2RuO_4 . Nature Communications, 2021, 12, 5792.	12.8	11
6	Quasi-particle interference of the van Hove singularity in Sr_2RuO_4 . Npj Quantum Materials, 2021, 6, .	5.2	10
7	Layer dependent antiferromagnetism in the $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ ruthenate at the metamagnetic-like transition. Journal of Magnetism and Magnetic Materials, 2020, 493, 165698.	2.3	1
8	Fermi surface and kink structures in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ revealed by synchrotron-based ARPES. Scientific Reports, 2020, 10, 21062.	3.3	3
9	Crystal growth of the Ca_2RuO_4 -Ru metal system by the floating-zone technique. Journal of Alloys and Compounds, 2020, 832, 154890.	5.5	5
10	Laser ablation and structuring of CdZnTe with femtosecond laser pulses. Journal of Materials Science and Technology, 2020, 48, 180-185.	10.7	9
11	Femtosecond laser surface irradiation of silicon in air: Pulse repetition rate influence on crater features and surface texture. Optics and Laser Technology, 2020, 126, 106073.	4.6	17
12	Resonant inelastic x-ray scattering study of $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2020, 102, .	3.2	3
13	Effect of different atmospheres on the synthesis of $\text{Ba}_2\text{CuGe}_2\text{O}_7$ single crystals. European Physical Journal: Special Topics, 2019, 228, 703-712.	2.6	2
14	Study of the surface properties of NCCO electron-doped cuprate. European Physical Journal: Special Topics, 2019, 228, 733-739.	2.6	2
15	Water Resistant Self-Extinguishing Low Frequency Soundproofing Polyvinylpyrrolidone Based Electrospun Blankets. Polymers, 2019, 11, 1205.	4.5	23
16	Plume shielding effects in ultrafast laser surface texturing of silicon at high repetition rate in air. Applied Surface Science, 2019, 488, 128-133.	6.1	16
17	Orbitally selective breakdown of Fermi liquid quasiparticles in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2019, 99, .	3.2	1
18	Suppression of the orbital magnetic moment driven by electronic correlations in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$. Physical Review B, 2019, 100, .	3.2	1

#	ARTICLE	IF	CITATIONS
19	Emergence of a metallic metastable phase induced by electrical current in Ca ₂ RuO ₄ . Physical Review B, 2019, 100, .	3.2	21
20	Vector vortex beams generated by q-plates as a versatile route to direct fs laser surface structuring. Applied Surface Science, 2019, 471, 1028-1033.	6.1	15
21	Laser surface texturing of copper and variation of the wetting response with the laser pulse fluence. Applied Surface Science, 2019, 470, 817-824.	6.1	53
22	Colorimetric Immunosensor by Aggregation of Photochemically Functionalized Gold Nanoparticles. ACS Omega, 2018, 3, 3805-3812.	3.5	67
23	Influence of ambient pressure on surface structures generated by ultrashort laser pulse irradiation. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	15
24	Spin-Orbital Excitations in CaRu_2O_6 Revealed by Resonant Inelastic X-Ray Scattering. Physical Review X, 2018, 8, .	3.2	13
25	Nonlinear Pauli susceptibilities in Sr_3O_7 and In-depth study of the Sr_3O_7 phase diagram of H-T $\text{Nd}_2\text{Ce}_x\text{CuO}_4 \pm \text{f}$ Ultrathin Films Crystalline Properties. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	3.2	1
26	Phase diagram of H-T $\text{Nd}_2\text{Ce}_x\text{CuO}_4 \pm \text{f}$ Ultrathin Films Crystalline Properties. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	2.7	2
27	$\text{Nd}_2\text{Ce}_x\text{CuO}_4 \pm \text{f}$ Ultrathin Films Crystalline Properties. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	2
28	Magnetic anisotropy and orbital ordering in CaRu_2O_6 . Physical Review B, 2018, 98, .	3.2	11
29	Surface structures with unconventional patterns and shapes generated by femtosecond structured light fields. Scientific Reports, 2018, 8, 13613.	3.3	32
30	Simple method for the characterization of intense Laguerre-Gauss vector vortex beams. Applied Physics Letters, 2018, 112, .	3.3	21
31	Designing antiphase boundaries by atomic control of heterointerfaces. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9485-9490.	7.1	43
32	Coherent growth of oxide films on a cleaved layered metal oxide substrate. Physical Review Materials, 2018, 2, .	2.4	2
33	Surface Structuring with Polarization-Singular Femtosecond Laser Beams Generated by a q-plate. Scientific Reports, 2017, 7, 42142.	3.3	48
34	Hallmarks of Hunds coupling in the Mott insulator Ca ₂ RuO ₄ . Nature Communications, 2017, 8, 15176.	12.8	66
35	Piezoelectricity and charge trapping in ZnO and Co-doped ZnO thin films. AIP Advances, 2017, 7, .	1.3	14
36	Direct ultrashort laser surface structuring of silicon in air and vacuum at 1055 nm. Applied Surface Science, 2017, 417, 149-154.	6.1	17

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37	Characterization of Nd $_{2-x}$ Ce $_x$ CuO $_{4\pm\delta}$ ($x = 0$ and 0.15) Ultrathin Films Grown by DC Sputtering Technique. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	8
38	Missing magnetism in Sr $_4$ Ru $_3$ O $_{10}$: Indication for Antisymmetric Exchange Interaction. Scientific Reports, 2017, 7, 3867.	3.3	10
39	Electronic bands and optical conductivity of the Dzyaloshinsky-Moriya multiferroic $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_{4\pm\delta}$. Physical Review B, 2017, 96, .	3.2	5
40	Femtosecond laser surface structuring of silicon with Gaussian and optical vortex beams. Applied Surface Science, 2017, 418, 565-571.	6.1	56
41	Synthesis and characterization of mixed melilite-type oxides. Journal of Crystal Growth, 2017, 457, 128-131.	1.5	3
42	Nd $_{2-x}$ Ce $_x$ CuO $_{4\pm\delta}$ Ultra-Thin Films Grown by DC Sputtering Technique. , 2017, , .		0
43	Effects of ambient air pressure on surface structures produced by ultrashort laser pulse irradiation. Optics Letters, 2017, 42, 2710.	3.3	30
44	Electronic properties of Nd $_{2-x}$ Ce $_x$ CuO $_{4\pm\delta}$: A hard X-ray photoemission investigation. Journal of Electron Spectroscopy and Related Phenomena, 2016, 212, 81-85.	1.7	1
45	Spin-orbital nature of the high-field magnetic state in the Sr $_4$ Ru $_3$ O $_{10}$. Physical Review B, 2016, 93, .	3.2	21
46	Nanometal Skin of Plasmonic Heterostructures for Highly Efficient Near-Field Scattering Probes. Scientific Reports, 2016, 6, 31113.	3.3	17
47	Dilatometric study of the metamagnetic and ferromagnetic phases in the triple-layered $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ system. Physical Review B, 2016, 94, .	3.2	11
48	Transport properties in aggregates of Nb nanowires templated by carbon nanotube films. Carbon, 2016, 105, 544-550.	10.3	8
49	On the generation of grooves on crystalline silicon irradiated by femtosecond laser pulses. Optics Express, 2016, 24, 3238.	3.4	45
50	Evidence of double-gap superconductivity in noncentrosymmetric $\text{Nb}_{2-x}\text{Ta}_x\text{O}_{10}$ crystals. Physical Review B, 2015, 91, .	3.2	26
51	Spin-orbit-induced orbital excitations in $\text{Sr}_2\text{Ca}_2\text{Ru}_2\text{O}_{10}$. A resonant inelastic x-ray sca. Physical Review B, 2015, 91, .	3.2	46
52	Raman phonon spectrum of the Dzyaloshinskii-Moriya helimagnet Ba $_2$ CuGe $_2$ O $_7$. Physical Review B, 2015, 91, .	3.2	11
53	Nanoscale engineering of two-dimensional disordered hyperuniform block-copolymer assemblies. Physical Review E, 2015, 92, 050601.	2.1	33
54	Publisher's Note: Spin-orbit-induced orbital excitations in Sr $_2$ RuO $_4$ and Ca $_2$ RuO $_4$: A resonant inelastic x-ray scattering study [Phys. Rev. B91, 155104 (2015)]. Physical Review B, 2015, 91, .	3.2	2

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55	Direct Femtosecond Laser Surface Structuring with Optical Vortex Beams Generated by a q-plate. Scientific Reports, 2015, 5, 17929.	3.3	118
56	Laser ablation of silicon induced by a femtosecond optical vortex beam. Optics Letters, 2015, 40, 4611.	3.3	51
57	Laser ablation and deposition of titanium dioxide with ultrashort pulses at 527Ånm. Applied Physics B: Lasers and Optics, 2015, 119, 445-452.	2.2	10
58	Surface structures induced by ultrashort laser pulses: Formation mechanisms of ripples and grooves. Applied Surface Science, 2015, 353, 1214-1222.	6.1	76
59	Transport and optical properties of epitaxial Nd _{1.83} Ce _{0.17} CuO ₄ thin films. Journal of Physics: Conference Series, 2014, 507, 012018.	0.4	9
60	Double metamagnetic transition in Ru_3O_{10} . Physical Review B, 2014, 90, .	3.2	22
61	Direct femtosecond laser ablation of copper with an optical vortex beam. Journal of Applied Physics, 2014, 116, .	2.5	29
62	Characterization of Thick Film of Copper Electrodeposited for Cryogenic Applications. Journal of the Electrochemical Society, 2014, 161, D540-D545.	2.9	3
63	Optical spectra of LaMn _{0.5} Ga _{0.5} O ₃ : A contribution to the assignment of the electronic transitions in manganites. Physica B: Condensed Matter, 2014, 433, 102-106.	2.7	11
64	Infrared phonon spectrum of the tetragonal helimagnet Ba ₂ CuGe ₂ O ₇ . Physical Review B, 2014, 90, .	3.2	5
65	Femtosecond laser surface structuring of silicon using optical vortex beams generated by a q-plate. Applied Physics Letters, 2014, 104, .	3.3	58
66	Superconductive niobium films coating carbon nanotube fibers. Superconductor Science and Technology, 2014, 27, 115006.	3.5	6
67	Crystal growth and characterization of the non-centrosymmetric antiferromagnet Ba ₂ CuGe ₂ O ₇ . Journal of Crystal Growth, 2014, 404, 223-230.	1.5	5
68	Optical Response of $Sr_4Ru_3O_{13}$. Universal Fermi-Liquid Scaling and Quasiparticles Beyond Landau Theory. Physical Review Letters, 2014, 113, 087404.	7.8	61
69	Comparative study of initial stages of copper immersion deposition on bulk and porous silicon. Nanoscale Research Letters, 2013, 8, 85.	5.7	20
70	Structural characterization of nanoparticles-assembled titanium dioxide films produced by ultrafast laser ablation and deposition in background oxygen. Applied Surface Science, 2013, 270, 307-311.	6.1	15
71	Renormalized band structure of Sr ₂ RuO ₄ : A quasiparticle tight-binding approach. Journal of Electron Spectroscopy and Related Phenomena, 2013, 191, 48-53.	1.7	34
72	Fabrication of superconducting Nd _{2-x} Ce _x CuO ₄ films by automated dc sputtering technique. Physica C: Superconductivity and Its Applications, 2013, 495, 146-152.	1.2	12

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73	of the apical and planar oxygen bonds in the Sr _{1-x} Ru _x O ₃ . Journal of Physics Condensed Matter, 2013, 25, 056004.	3.2	19
74	Neutron diffraction study of triple-layered Sr ₄ Ru ₃ O ₁₀ . Journal of Physics Condensed Matter, 2013, 25, 056004.	1.8	17
75	Surface and bulk electronic structure of the unconventional superconductor Sr ₂ RuO ₄ : unusual splitting of the <i>d</i> ² band. New Journal of Physics, 2012, 14, 063039.	2.9	16
76	A new approach for improving global critical current density in Fe _{0.5} Te _{0.5} polycrystalline materials. Superconductor Science and Technology, 2012, 25, 115018.	3.5	48
77	Reduced twinning efficiency and tri-dimensional crack structure in melt-textured NdBa ₂ Cu ₃ O _{7-δ} bulk samples fragmentation process. Superconductor Science and Technology, 2012, 25, 125017.	3.5	3
78	Quantum phase slips in superconducting Nb nanowire networks deposited on self-assembled Si templates. Applied Physics Letters, 2012, 101, .	3.3	22
79	Anisotropic optical conductivity of Sr ₄ Ru ₃ O ₁₀ . Physical Review B, 2012, 85, .	3.2	13
80	⁵¹ V NMR studies of superconductivity in eutectically grown mixed ruthenates. Physical Review B, 2012, 85, .	3.2	14
81	Angle-resolved Photoemission Spectroscopy At Ultra-low Temperatures. Journal of Visualized Experiments, 2012, , .	0.3	7
82	Structural and Electrical Properties of Epitaxial La _{2/3} Ca _{1/3} MnO ₃ /La _{1/3} Ca _{2/3} MnO ₃ /YBa ₂ Cu ₃ O _{7-δ} Trilayers. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2103-2108.	1.8	0
83	Correlation between structural and transport properties in epitaxial films of Nd _{2-x} Ce _x CuO _{4-δ} . Thin Solid Films, 2012, 524, 282-289.	1.8	16
84	Effects of substrate temperature on nanoparticle-assembled Fe films produced by ultrafast pulsed laser deposition. Applied Surface Science, 2012, 258, 9337-9341.	6.1	3
85	The influence of doping with Ca and Mg in YBa ₂ Cu ₃ O _{7-δ} ceramic. EPJ Web of Conferences, 2012, 29, 00003.	0.3	2
86	Effect of double substitution on structural and magnetic properties of Y _{1-x} Ca _x Ba ₂ (Cu _{1-y} Mg _y) ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 2012, 477, 36-42.	1.2	5
87	Long- to short-range magnetic order in fluorine-doped CeFeAsO. Physical Review B, 2011, 84, .	3.2	27
88	Optical investigation of LaMnO ₃ thin films: a study of the 2-eV band. European Physical Journal B, 2011, 79, 435-441.	1.5	7
89	Transport Properties of Over-doped Epitaxial NdCeCuO Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 169-172.	1.8	1
90	Floating zone growth of eutectic Sr _{n+1} Ru _n O _{3n+1} crystals. Crystal Research and Technology, 2011, 46, 769-772.	1.3	7

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91	Electron backscattering diffraction and X-ray diffraction studies of interface relationships in Sr ₃ Ru ₂ O ₇ /Sr ₂ RuO ₄ eutectic crystals. <i>Micron</i> , 2011, 42, 324-329.	2.2	2
92	X-ray scattering study of interfacial roughness in Nb/PdNi multilayers. <i>Surface Science</i> , 2011, 605, 1791-1796.	1.9	5
93	Atomic structure trends in the Sr _n Ru _{1+n} O _{3n+1} series. <i>Physical Review B</i> , 2009, 79, 040407.	3.2	32
94	Multiple order parameter configurations in superconductor/ferromagnet multilayers. <i>Physical Review B</i> , 2011, 84, .	3.2	13
95	Electric noise properties of optimally doped Nd _{1.85} Ce _{0.15} CuO ₄ superconducting thin films. <i>Superconductor Science and Technology</i> , 2011, 24, 085003.	3.5	5
96	Uniaxial pressure effect on the superconductivity in the Sr ₃ Ru ₂ O ₇ region of the Sr ₃ Ru ₂ O ₇ /Sr ₂ RuO ₄ eutectic system. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S728-S729.	1.2	1
97	Nonlocal voltage effects in La ₂ RuO ₄ . <i>Physical Review B</i> , 2009, 79, .	3.2	3
98	Toward intrinsic functionalities of bilayered ruthenate Sr ₃ Ru ₂ O ₇ . <i>Physical Review B</i> , 2009, 80, .	3.2	6
99	Structure, morphology and composition of natural junctions of Sr ₂ RuO ₄ /Sr ₃ Ru ₂ O ₇ eutectic crystals. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 254211.	1.8	4
100	Structural, electrical and magnetic characterization of artificial ferromagnetic/superconducting (La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O _{7-x}) heterostructures. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 254205.	1.8	6
101	Atomic structure of functional interfaces in Sr ₂ RuO ₄ /Sr ₃ Ru ₂ O ₇ eutectic crystals. <i>Applied Physics Letters</i> , 2009, 95, 142507.	3.3	7
102	Resistive Transitions in S/F/S Trilayers. <i>Solid State Phenomena</i> , 2009, 152-153, 478-481.	0.3	2
103	Granularity and Linear Flux Dynamics in Sintered La _{0.92} F _{0.08} FeAs. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 609-612.	1.8	8
104	Physical properties and characterization of RuSr ₂ GdCu ₂ O ₈ (Ru-1212) grown by top seeded melt textured technique. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 163, 165-169.	3.5	2
105	Impact of the Starting Powder Composition on $\{m \text{ GdSr} \}_2 \{m \text{ RuCu} \}_2 \{m \text{ O} \}_8$ Melt-Textured Processes. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 2945-2948.	1.7	5
106	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.	0.4	2
107	Evidence for the Sr ₂ RuO ₄ intercalations in the Sr ₃ Ru ₂ O ₇ region of the Sr ₃ Ru ₂ O ₇ /Sr ₂ RuO ₄ eutectic system. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052113.	0.4	2
108	Thermal treatments and evolution of bulk Nd _{1.85} Ce _{0.15} CuO ₄ morphology. <i>Physica C: Superconductivity and Its Applications</i> , 2008, 468, 2271-2274.	1.2	13

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109	Subterahertz electrodynamics of the graphenelike superconductor CaAlSi. Physical Review B, 2008, 77, .	3.2	17
110	Multiple superconducting transitions in the $\text{Sr}_{3-x}\text{Ba}_2\text{Cu}_7\text{O}_{10}$ system. Physical Review B, 2008, 77, .	3.2	17
111	A simple statistical phenomenological model for cation substitutions in $\text{Nd}_{1-x}\text{Ba}_2\text{Cu}_7\text{O}_{10}$. Philosophical Magazine, 2008, 88, 1389-1399.		
112	Superconductivity in Sr_2RuO_4 - $\text{Sr}_3\text{Ru}_2\text{O}_7$ eutectic crystals. Europhysics Letters, 2008, 83, 27007.	2.0	26
113	Anisotropic optical conductivity of $\text{Sr}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2008, 78, .		
114	Gd-Nd Solubility in the (Gd,Nd)-Sr-Ru-Cu-O System. IEEE Transactions on Applied Superconductivity, 2007, 17, 2965-2968.	1.7	2
115	Thermal characterization of $\text{GdSr}_2\text{RuCu}_2\text{O}_y$ -based mixtures in the $\text{GdSr}_2\text{RuO}_6$ - CuO pseudobinary system. Journal of Materials Research, 2007, 22, 1579-1584.	2.6	9
116	Crystal Growth of a Lamellar $\text{Sr}_3\text{Ru}_2\text{O}_7$ - $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ Eutectic System. Crystal Growth and Design, 2007, 7, 2495-2499.	3.0	18
117	Structural and magnetic properties of $\text{GdSr}_2\text{RuCu}_2\text{O}_8$ films. Physica C: Superconductivity and Its Applications, 2007, 460-462, 444-445.	1.2	1
118	Thermal properties of $\text{GdSr}_2\text{RuCu}_2\text{O}_8$ -based mixtures in the $\text{GdSr}_2\text{RuO}_6$ - CuO pseudo-binary system. Physica C: Superconductivity and Its Applications, 2007, 460-462, 522-523.	1.2	4
119	Structure, morphology and composition of superconducting Sr_2RuO_4 - $\text{Sr}_3\text{Ru}_2\text{O}_7$ eutectic crystals. Physica C: Superconductivity and Its Applications, 2007, 460-462, 524-525.	1.2	1
120	Transport measurements on Sr_2RuO_4 - $\text{Sr}_3\text{Ru}_2\text{O}_7$ eutectic crystals. Physica C: Superconductivity and Its Applications, 2007, 460-462, 526-527.	1.2	0
121	An EXAFS study of $\text{RuSr}_2\text{GdCu}_2\text{O}_8$: Evidence of magnetoelastic coupling. Physica C: Superconductivity and Its Applications, 2007, 467, 167-173.	1.2	4
122	AC susceptibility of Sr_2RuO_4 - $\text{Sr}_3\text{Ru}_2\text{O}_7$ eutectics: Dependence on AC field strength and frequency. Journal of Magnetism and Magnetic Materials, 2007, 310, 643-644.	2.3	1
123	Superparamagnetic behavior of ferromagnetic nanoclusters in $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ and $\text{RuSr}_2\text{Gd}_{1.6}\text{Ce}_{0.4}\text{Cu}_2\text{O}_{10}$ samples observed by AC and DC magnetic measurements. Journal of Magnetism and Magnetic Materials, 2007, 316, e529-e531.	2.3	2
124	STRUCTURE AND PROPERTIES OF SUPERCONDUCTOR/FERROMAGNET HYBRIDS. , 2007, , .		0
125	Improvement of the homo-biepitaxial YBCO film fabrication process on Yttrium Stabilized Zirconia. Journal of Physics: Conference Series, 2006, 43, 1135-1138.	0.4	2
126	Magnetic history dependence of the AC susceptibility of $\text{GdSr}_2\text{RuCu}_2\text{O}_z$. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3061-3064.	0.8	2

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127	Structural and magnetic characterization of GdSr ₂ RuCu ₂ O ₈ films deposited by d.c. sputtering. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 3073-3076.	0.8	0
128	Morphological and structural characterization of GdSr ₂ RuCu ₂ O ₈ thin film. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 613-615.	4.0	1
129	Point-contact spectroscopy on RuSr ₂ GdCu ₂ O ₈ . <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 384-386.	4.0	5
130	Activation energy in La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O _{7-δ} /La _{0.7} Ca _{0.3} MnO ₃ superconducting trilayers. <i>European Physical Journal B</i> , 2006, 51, 79-85.	1.5	8
131	Pairing state in the ruthenocuprate superconductor RuSr ₂ GdCu ₂ O ₈ : A point-contact Andreev reflection spectroscopy study. <i>Physical Review B</i> , 2006, 73, .	3.2	15
132	Ferromagnetic nanoclusters observed by ac and dc magnetic measurements in RuSr ₂ GdCu ₂ O ₈ samples. <i>Physical Review B</i> , 2006, 73, .	3.2	24
133	Crystal growth of the new Sr ₂ RuO ₄ –Sr ₃ Ru ₂ O ₇ eutectic system by a floating-zone method. <i>Journal of Crystal Growth</i> , 2005, 282, 152-159.	1.5	32
134	Mechanical Fragility and Tri-Dimensional Crack Structure in NdBaCuO Top Seeded and Multi-Seeded Melt-Textured Samples. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 3137-3140.	1.7	6
135	Metal-insulator transition temperature enhancement in La _{0.7} Ca _{0.3} MnO ₃ thin films. <i>Journal of Applied Physics</i> , 2005, 97, 103712.	2.5	25
136	Morphological and Structural Study on $\text{GdSr}_2\text{RuCu}_2\text{O}_8$ Melt-Textured Samples. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 3149-3152.	1.7	6
137	YBa ₂ Cu ₃ O _{7-δ} /La _{0.7} Ca _{0.3} MnO ₃ BILAYERS: STRUCTURAL AND TRANSPORT PROPERTIES. <i>International Journal of Modern Physics B</i> , 2005, 19, 491-493.	2.0	0
138	POINT CONTACT STUDY OF THE SUPERCONDUCTING ORDER PARAMETER IN RuSr ₂ GdCu ₂ O ₈ . <i>International Journal of Modern Physics B</i> , 2005, 19, 323-325.	2.0	2
139	Cu NMR spectra and relaxation in rutheno-cuprate RuSr ₂ GdCu ₂ O ₈ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E147-E148.	2.3	1
140	Growth and characterization of highly epitaxial YBa ₂ Cu ₃ O ₇ /La _{0.7} Ca _{0.3} MnO ₃ bilayer structures. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 48-49.	1.2	3
141	Melt-textured GdSr ₂ RuCu ₂ O ₈ samples: preliminary results. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 189-190.	1.2	10
142	Pinning energy and irreversibility line in superconducting GdSr ₂ RuCu ₂ O ₈ . <i>Physica C: Superconductivity and Its Applications</i> , 2004, 411, 126-135.	1.2	28
143	Magnetoelastic coupling in RuSr ₂ GdCu ₂ O ₈ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 2106-2107.	2.3	2
144	A comparison of the processes involved in the direct synthesis of GdSr ₂ RuCu ₂ O _x and NdSr ₂ RuCu ₂ O _y perovskites. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 193-194.	1.2	9

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145	Low frequency transport measurements in $\text{GdSr}_2\text{RuCu}_{20}\text{O}_8$. European Physical Journal B, 2003, 31, 151-157.	1.5	10
146	Correlation between the formation of growth bands and Nd ₂₁₀ addition in Nd ₁ /Ba ₂ /Cu ₃ O _{7-δ} bulk samples. IEEE Transactions on Applied Superconductivity, 2003, 13, 3169-3172.	1.7	7
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