

Rudolf Feile

List of Publications by Year in descending order

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52
papers

1,648
citations

394421

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41
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53
all docs

53
docs citations

53
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependent Raman spectra of CsCdBr ₃ and CsCdCl ₃ crystals. Journal of Luminescence, 2015, 161, 174-179.	3.1	18
2	AOT microemulsions: droplet size and clustering in the temperature range between the supercooled state and the upper phase boundary. Soft Matter, 2013, 9, 11503.	2.7	21
3	Catalyst free growth of a carbon nanotube-alumina composite structure. Inorganica Chimica Acta, 2008, 361, 1770-1778.	2.4	59
4	An interface effect in c-oriented (Y/Pr)Ba ₂ Cu ₃ O ₇ Superlattices: Raman scattering by "Forbidden" phonons. Journal of Physics and Chemistry of Solids, 1997, 58, 379-383.	4.0	0
5	Single particle orientational potential for the N ₂ molecules in the cubic $\hat{\Gamma}$ phase of nitrogen. Zeitschrift für Physik B-Condensed Matter, 1997, 100, 417-421.	1.1	7
6	The cooperative spin transition in [Fe _x Zn _{1-x} (ptz) ₆](BF ₄) ₂ : I. Elastic properties of an oriented sample rotation study by Brillouin spectroscopy. Zeitschrift für Physik B-Condensed Matter, 1996, 100, 517-522.	1.1	52
7	High-pressure Raman study of the N ₂ stretching vibration in argon-nitrogen mixtures at room temperature. Physical Review B, 1996, 54, 913-919.	3.2	10
8	High-pressure Raman scattering of the stretching mode in nitrogen along the 300-K isotherm. Physical Review B, 1996, 54, 14-17.	3.2	351
9	Charge transfer in high-T _c (Y/Pr)Ba ₂ Cu ₃ O ₇ superlattices. Physical Review B, 1996, 53, 6836-6837.	3.2	2
10	Light scattering mechanism in (Y/Pr)Ba ₂ Cu ₃ O ₇ superlattices. Journal of Low Temperature Physics, 1995, 99, 263-265.	1.4	0
11	Light scattering in a (Y/Pr)Ba ₂ Cu ₃ O ₇ superlattice and the intensity of a new Raman active phonon. Physica C: Superconductivity and Its Applications, 1995, 242, 46-54.	1.2	2
12	Interband electron-phonon coupling in YBa ₂ Cu ₃ O _{7-x} : The B _{1g} phonon Raman scattering and plane oxygen ions interaction. Solid State Communications, 1995, 94, 851-855.	1.9	7
13	Confined and extended optical phonons in an ultrathin-layer YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattice. Physical Review B, 1995, 51, 1322-1325.	3.2	3
14	Raman scattering studies of ultrathin-layer YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Journal of Superconductivity and Novel Magnetism, 1994, 7, 213-216.	0.5	1
15	Light scattering in orientational glasses. Journal of Non-Crystalline Solids, 1994, 172-174, 481-487.	3.1	2
16	Compaction of tungsten oxide films by ion-beam irradiation. Thin Solid Films, 1993, 235, 228-233.	1.8	30
17	Comment on "Renormalization of phonons in a (Y/Pr)Ba ₂ Cu ₃ O ₇ superlattice investigated by Raman spectroscopy". Physical Review Letters, 1993, 71, 2163-2163.	7.8	6
18	Renormalization of phonons in a (Y/Pr)Ba ₂ Cu ₃ O ₇ superlattice investigated by Raman spectroscopy. Physical Review Letters, 1993, 70, 3804-3807.	7.8	14

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19	Feile and Li reply. Physical Review Letters, 1993, 71, 2164-2164.	7.8	5
20	Investigations of TiO ₂ films deposited by different techniques. Thin Solid Films, 1991, 197, 279-285.	1.8	162
21	Anomalous intensity of the 335 cm ⁻¹ phonon in YBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 1991, 175, 89-92.	1.2	13
22	Inelastic and quasi-elastic light scattering in (NaCN) _{1-x} (KCN) _x quadrupolar glasses. European Physical Journal B, 1990, 80, 203-206.	1.5	8
23	Investigation of the epitaxy of thin YBa ₂ Cu ₃ O _{7-δ} films. Physica C: Superconductivity and Its Applications, 1990, 168, 359-362.	1.2	12
24	Anomalous thermoelastic behavior of (Kl) _{1-x} (NH ₄) _x . Solid State Communications, 1990, 74, 1041-1045.	1.9	13
25	Lattice vibrations in high-T _c superconductors: Optical spectroscopy and lattice dynamics. Physica C: Superconductivity and Its Applications, 1989, 159, 1-32.	1.2	238
26	Fast one step preparation of high quality YBa ₂ Cu ₃ O _{7-δ} thin films by laser ablation. Physica C: Superconductivity and Its Applications, 1989, 162-164, 123-124.	1.2	4
27	Macroscopic persistent currents in laser deposited YBa ₂ Cu ₃ O ₇ films. Physica C: Superconductivity and Its Applications, 1989, 159, 513-518.	1.2	7
28	Temperature effects on the phonon spectrum in YBa ₂ Cu ₃ O ₇ single crystals and thin films. Journal of the Less Common Metals, 1989, 151, 125-132.	0.8	2
29	Phase transformation in a glass-ceramic observed by laser spectroscopy. Applied Physics A: Solids and Surfaces, 1988, 45, 185-187.	1.4	0
30	Polarized Raman scattering on an YBa ₂ Cu ₃ O ₇ single crystal. Physica C: Superconductivity and Its Applications, 1988, 152, 491-494.	1.2	20
31	Raman experiments on YBaCuO-Superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 292-293.	1.2	5
32	Temperature effects on the phonon spectrum in YBa ₂ Cu ₃ O ₇ single crystals and thin films. European Physical Journal B, 1988, 73, 155-160.	1.5	27
33	Characterization of thin superconducting YBaCuO-films by Raman-spectroscopy. European Physical Journal B, 1988, 72, 161-164.	1.5	15
34	A neutron scattering study of the magnetic properties of PrSn ₃ . European Physical Journal B, 1988, 73, 81-87.	1.5	2
35	Macroscopic persistent currents in YBa ₂ Cu ₃ O ₇ . European Physical Journal B, 1988, 70, 141-144.	1.5	18
36	Tunneling and point contact investigations of La _{1.85} Sr _{0.15} CuO ₄ . European Physical Journal B, 1987, 67, 25-29.	1.5	11

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37	Anisotropic exchange in PrSn ₃ . Journal of Magnetism and Magnetic Materials, 1985, 52, 323-325.	2.3	7
38	Crystal field parameters and line widths for Tm _{0.003} La _{0.997} Al ₂ in the normal and superconducting phase. Solid State Communications, 1985, 54, 563-566.	1.9	7
39	Inelastic neutron scattering study of the rotational excitations in (KBr) _{1-x} (KCN) _x in the paraelastic and structural glass state. Physical Review B, 1984, 29, 6052-6062.	3.2	35
40	Inelastic neutron scattering investigation of the magnetic excitations of linear chain antiferromagnets CsVX ₃ (X = Cl, Br, I). Solid State Communications, 1984, 50, 435-437.	1.9	28
41	Spin dynamics of an isotropic singlet-ground-state antiferromagnet with alternating strong and weak interactions: An inelastic-neutron-scattering study of the dimer compound Cs ₃ Cr ₂ Br ₉ . Physical Review B, 1984, 30, 6300-6307.	3.2	71
42	Anomalous linewidths of the crystal electric field excitations in La _{0.997} Tm _{0.003} Al ₂ below the superconducting transition. Journal of Physics C: Solid State Physics, 1983, 16, L465-L469.	1.5	5
43	Collective excitations in the singlet-ground-state dimer system Cs ₃ Cr ₂ Br ₉ . Physical Review B, 1983, 28, 5368-5370.	3.2	19
44	Inelastic Neutron Scattering Study of the Structural Glass Transition in a K (Br,CN) Mixed Crystal. Physical Review Letters, 1983, 51, 1054-1057.	7.8	31
45	Elastic properties of (KBr) _{1-x} (KCN) _x . Physical Review B, 1982, 26, 6875-6880.	3.2	49
46	Frequency Dependence of the Orientational Freezing in (KBr) _{1-x} (KCN) _x . Physical Review Letters, 1982, 48, 1263-1266.	7.8	100
47	Neutron scattering study of melting of He ₃ surface layers. Physical Review B, 1982, 25, 3410-3412.	3.2	17
48	Ultrasonic measurements in Ce _{0.74} Th _{0.26} . Solid State Communications, 1981, 40, 507-508.	1.9	6
49	Orientational glass behaviour of K Br _{0.96} (CN) _{0.04} . Zeitschrift für Physik B Condensed Matter and Quanta, 1981, 42, 143-149.	1.9	37
50	Influence of Superconductivity on Crystal Electric Field Transitions in La _{1-x} TbxAl ₂ . Physical Review Letters, 1981, 47, 610-613.	7.8	59
51	Influence of Superconductivity on Crystal Electric Field Transitions in La _{1-x} TbxAl ₂ . Physical Review Letters, 1981, 47, 1678-1678.	7.8	0
52	Coupled rotational and translational modes in the mixed molecular crystal KBr _{1-x} (CN) _x . Zeitschrift für Physik B Condensed Matter and Quanta, 1980, 38, 253-262.	1.9	23