

Franco Marabelli

List of Publications by Year in descending order

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147
papers

3,049
citations

159585

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148
all docs

148
docs citations

148
times ranked

3324
citing authors

#	ARTICLE	IF	CITATIONS
1	Angular dependence and absorption properties of the anapole mode of Si nano-disks. Journal of Applied Physics, 2021, 129, .	2.5	2
2	Organic Light-Emitting Transistors in a Smart-Integrated System for Plasmonic-Based Sensing. Advanced Functional Materials, 2021, 31, 2104927.	14.9	13
3	Evidence of double-loop hysteresis in disordered ferroelectric crystal. Journal of Applied Physics, 2020, 127, 184107.	2.5	2
4	Plasma Fabrication and SERS Functionality of Gold Crowned Silicon Submicrometer Pillars. Materials, 2020, 13, 1244.	2.9	4
5	Nanostructured Organic/Hybrid Materials and Components in Miniaturized Optical and Chemical Sensors. Nanomaterials, 2020, 10, 480.	4.1	29
6	Porous Silicon Bragg Reflector and 2D Gold-Polymer Nanograting: A Route Towards a Hybrid Optoplasmonic Platform. Nanomaterials, 2019, 9, 1017.	4.1	4
7	Strong Modulations of Optical Reflectance in Tapered Core-Shell Nanowires. Materials, 2019, 12, 3572.	2.9	11
8	Photo-induced absorption spectra of a poly(p-phenylenevinylene) polymer with fluorinated double bonds. Organic Electronics, 2017, 43, 214-221.	2.6	5
9	Demonstration of fluorescence enhancement via Bloch surface waves in all-polymer multilayer structures. Physical Chemistry Chemical Physics, 2016, 18, 14086-14093.	2.8	46
10	Nanoplasmonic platform for multiparametric and highthroughput biosensing. , 2016, , .		0
11	Simultaneous detection of multiple biomarkers by means of SERS on polymer nanopillar gold arrays. , 2016, , .		0
12	A Localized Surface Plasmon Resonance-Based Portable Instrument for Quick On-Site Biomolecular Detection. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 317-327.	4.7	42
13	A multiplexed label free plasmonic nano-device for near infrared applications. , 2015, , .		0
14	Synergic combination of the sol-gel method with dip coating for plasmonic devices. Beilstein Journal of Nanotechnology, 2015, 6, 500-507.	2.8	3
15	Polymer Distributed Bragg Reflectors for Vapor Sensing. ACS Photonics, 2015, 2, 537-543.	6.6	100
16	Hybrid ZnO:polystyrene nanocomposite for all-polymer photonic crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 158-162.	0.8	30
17	Plasmonic Sensors on 2D Ordered Structures. , 2015, , 359-373.		0
18	Thickness controlled sol-gel silica films for plasmonic bio-sensing devices. , 2014, , .		2

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19	Fluorescence excitation enhancement by Bloch surface wave in all-polymer one-dimensional photonic structure. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	30
20	Multiplexed label-free optical biosensor for medical diagnostics. <i>Journal of Biomedical Optics</i> , 2014, 19, 017006.	2.6	45
21	Thermal evolution of tetramethylammonium tetrafluoroborate and perchlorate investigated through dielectric and IR spectroscopy. <i>Materials Chemistry and Physics</i> , 2014, 147, 120-126.	4.0	2
22	Optical Sensitivity Gain in Silica-Coated Plasmonic Nanostructures. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2935-2940.	4.6	14
23	Plasmonic Structures for Near Infrared Applications. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1629, 1.	0.1	0
24	Plasmonic Structures for Sensing and Emitting Devices. <i>Journal of Physics: Conference Series</i> , 2014, 566, 012015.	0.4	2
25	Field Enhancement by Shaping Nanocavities in a Gold Film. <i>Plasmonics</i> , 2013, 8, 975-981.	3.4	13
26	Lab on Chip: Portable Optical Device for On-site Multi-parametric Analysis. , 2013, , .		1
27	Interaction among plasmonic resonances in a gold film embedding a two-dimensional array of polymeric nanopillars. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 1641.	2.1	24
28	Experimental assessment of nonergodicity in tetracene single crystals. <i>Physical Review B</i> , 2012, 86, .	3.2	12
29	A Combined Ion Implantation/Nanosecond Laser Irradiation Approach towards Si Nanostructures Doping. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-6.	3.4	7
30	Polarized pressure dependence of the anisotropic dielectric functions of highly oriented poly(p-phenylene vinylene). <i>Journal of Applied Physics</i> , 2010, 107, 073106.	2.5	6
31	Plasmonic resonances in nanostructured gold/polymer surfaces by colloidal lithography. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 935-942.	1.8	28
32	Back Cover (Phys. Status Solidi A 4/2010). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, .	1.8	0
33	Spectroscopic Investigation of Artificial Opals Infiltrated with a Heteroaromatic Quadrupolar Dye. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2403-2413.	3.1	30
34	Highly oriented poly(paraphenylene vinylene): Polarized optical spectroscopy under pressure. <i>Physical Review B</i> , 2009, 79, .	3.2	19
35	Raman Spectra of Poly(p-phenylenevinylene)s with Fluorinated Vinylene Units: Evidence of Inter-ring Distortion. <i>ChemPhysChem</i> , 2009, 10, 1284-1290.	2.1	23
36	Amplified spontaneous emission from opal photonic crystals engineered with structural defects. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 11515.	2.8	18

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37	Light Localization Effect on the Optical Properties of Opals Doped with Gold Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 6293-6298.	3.1	40
38	Emission properties of artificial opals infiltrated with a heteroaromatic quadrupolar dye. , 2008, , .		2
39	Ternary clathrates Ba ϵ -Zn ϵ -Ge: phase equilibria, crystal chemistry and physical properties. Journal of Physics Condensed Matter, 2007, 19, 216223.	1.8	50
40	Effects of the deposition parameters on the growth of ultrathin and thin SiO ₂ films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2007, 25, 485-491.	2.1	7
41	Structure and physical properties of type-I clathrate solid-solution Ba ₈ Pt _x Ge ₄₆ $\hat{x}^{\hat{y}}$ \hat{y} (\hat{a} \rightarrow =vacancy). Physical Review B, 2007, 76, .	3.2	51
42	Anisotropic photoluminescence properties of oriented poly(p-phenylene-vinylene) films: Effects of dispersion of optical constants. Physical Review B, 2007, 75, .	3.2	34
43	Superconductivity in the complex metallic alloy $\langle \mathit{math} \mathit{display}=\mathit{inline} \rangle \langle \mathit{mml}:\mathit{mrow} \rangle \langle \mathit{mml}:\mathit{mi} \rangle \hat{I}^2 \langle \mathit{mml}:\mathit{mi} \rangle \langle \mathit{mml}:\mathit{mtext} \rangle \hat{a} \langle \mathit{mml}:\mathit{mtext} \rangle \langle \mathit{mml}:\mathit{msub} \rangle \langle \mathit{mml}:\mathit{mi} \mathit{mathvariant}=\mathit{normal} \rangle \mathit{Al} \langle \mathit{mml}:\mathit{mi} \rangle \langle \mathit{mml}:\mathit{mn} \rangle 3 \langle \mathit{mml}:\mathit{mn} \rangle \langle \mathit{mml}:\mathit{msub} \rangle \langle \mathit{mml}:\mathit{msub} \rangle \langle \mathit{mml}:\mathit{mi} \mathit{mathvariant}=\mathit{normal} \rangle \mathit{Mg} \langle \mathit{mml}:\mathit{mi} \rangle \langle \mathit{mml}:\mathit{mn} \rangle 2 \langle \mathit{mml}:\mathit{mn} \rangle \langle \mathit{mml}:\mathit{msub} \rangle \langle \mathit{mml}:\mathit{mrow} \rangle \langle \mathit{mml}:\mathit{math} \rangle$. Physical Review B, 2007, 76, .	3.2	44
44	Colloidal Photonic Crystals Doped with Gold Nanoparticles: Spectroscopy and Optical Switching Properties. Advanced Functional Materials, 2007, 17, 2779-2786.	14.9	102
45	Evolution of optical response in the series. Physica B: Condensed Matter, 2006, 378-380, 740-741.	2.7	0
46	Optical effects in artificial opals infiltrated with gold nanoparticles. , 2006, , .		4
47	Wide-band transmission of nondistorted slow waves in one-dimensional optical superlattices. Applied Physics Letters, 2006, 88, 241103.	3.3	25
48	Interferometric determination of the anisotropic refractive index dispersion of poly-(p-phenylene-vinylene). Applied Physics Letters, 2005, 86, 201119.	3.3	13
49	Polarized optical and photoluminescence properties of highly oriented poly(p-phenylene-vinylene). Synthetic Metals, 2005, 153, 281-284.	3.9	6
50	Band structure and optical properties of opal photonic crystals. Physical Review B, 2005, 72, .	3.2	98
51	GeO ₂ -doped SiO ₂ sputtered thin films: Microstructure, stoichiometry, and optical properties. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2004, 22, 2234-2238.	2.1	6
52	Photonic bands and group-velocity dispersion in Si/SiO ₂ photonic crystals from white-light interferometry. Physical Review B, 2004, 69, .	3.2	35
53	Triplet excitons in acyl- and alkyl-substituted polycarbazolyldiacetylenes: A spectroscopical and photophysical study. Physical Review B, 2004, 69, .	3.2	7
54	Optical Properties of Polystyrene Opals Infiltrated with Cyanine Dyes in the form of J-Aggregates. Materials Research Society Symposia Proceedings, 2004, 846, DD12.11.1.	0.1	0

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55	Spectroscopical and photophysical investigations on polydiacetylenes with different ordering of the A g and B u excited states. , 2004, , .		0
56	Morphology, band structure, and optical properties of artificial opals. , 2004, 5511, 135.		4
57	Polarized photoluminescence of highly oriented poly(p-phenylene-vinylene). , 2004, , .		2
58	Growth and optical studies of opal films as three-dimensional photonic crystals. Materials Science and Engineering C, 2003, 23, 61-65.	7.3	25
59	Direct measurement of refractive-index dispersion of transparent media by white-light interferometry. Applied Optics, 2003, 42, 3910.	2.1	39
60	Optical properties and photonic mode dispersion in two-dimensional and waveguide-embedded photonic crystals. Synthetic Metals, 2003, 139, 695-700.	3.9	14
61	Photoinduced absorption spectra in polydiacetylenes for non linear optical applications. Synthetic Metals, 2003, 138, 75-78.	3.9	4
62	The photophysics of triplet excitons in substituted polycarbazolyldiacetylenes. Synthetic Metals, 2003, 139, 889-892.	3.9	1
63	Morphology and optical properties of bare and polydiacetylenes-infiltrated opals. Synthetic Metals, 2003, 139, 633-636.	3.9	6
64	P-type macroporous silicon for two-dimensional photonic crystals. Journal of Applied Physics, 2002, 92, 6966-6972.	2.5	57
65	Luminescence from FeSi_2 precipitates in Si. II: Origin and nature of the photoluminescence. Physical Review B, 2002, 66, .	3.2	90
66	Spectroscopy of photonic bands in macroporous silicon photonic crystals. Physical Review B, 2002, 65, .	3.2	39
67	Photonic bands in patterned silicon-on-insulator waveguides. IEEE Journal of Quantum Electronics, 2002, 38, 885-890.	1.9	27
68	Fabrication and optical measurements of silicon on insulator photonic nanostructures. Microelectronic Engineering, 2002, 61-62, 529-536.	2.4	24
69	Evolution of ground state properties of YbCu_5Au_x . Physica B: Condensed Matter, 2002, 312-313, 489-491.	2.7	12
70	Study of CoSi_2 formation from a Co-Ni alloy. Microelectronic Engineering, 2002, 60, 221-230.	2.4	14
71	Experimental and theoretical studies of the anisotropical complex dielectric constant of highly stretch-oriented poly(p-phenylene-vinylene). Synthetic Metals, 2001, 116, 107-110.	3.9	5
72	The anisotropical optical spectra of highly stretch-oriented poly(p-phenylene-vinylene). Synthetic Metals, 2001, 119, 643-644.	3.9	4

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73	Optical properties of highly oriented poly(p-phenylene-vinylene). Synthetic Metals, 2001, 124, 53-58.	3.9	15
74	Electronic and optical properties of isostructural FeSi_2 and OsSi_2 . Physical Review B, 2001, 64, .	3.2	34
75	Onset of magnetism and Fermi-liquid instabilities in Yb compounds. Physica B: Condensed Matter, 2000, 281-282, 319-325.	2.7	9
76	Role of the substrate in the C49 \rightarrow C54 transformation of TiSi_2 . Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 721.	1.6	11
77	Optical constants of highly stretch-oriented poly(p-phenylene-vinylene): A joint experimental and theoretical study. Physical Review B, 2000, 62, 10173-10184.	3.2	63
78	Electronic structure and optical spectra of LuInCu_4 and YbMCu_4 ($M = \text{Cu, Ag, Au, Pd, and In}$). Physical Review B, 2000, 62, 1742-1752.	3.2	47
79	OPTICAL PROPERTIES OF SILICIDES: THEORY AND EXPERIMENTS. , 2000, , .		0
80	Non-Fermi-liquid behavior of YbCu_5Al_x . Physical Review B, 1999, 60, 1238-1246.	3.2	35
81	Texturing, surface energetics and morphology in the C49 \rightarrow C54 transformation of TiSi_2 . Solid-State Electronics, 1999, 43, 1069-1074.	1.4	4
82	On electronic structure and pressure response of FeSi_1Ge_x . Physica B: Condensed Matter, 1999, 259-261, 866-867.	2.7	11
83	Properties of Ion Beam Synthesized Iron Disilicide Dots. Materials Research Society Symposia Proceedings, 1999, 571, 287.	0.1	0
84	Evolution of a metallic and magnetic state in $(\text{Fe, Mn})\text{Si}$ and $\text{Fe}(\text{Si, Ge})$. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1401-1402.	2.3	17
85	Correlation between structural and optical properties of ion beam synthesized FeSi_2 precipitates in Si. Journal of Luminescence, 1998, 80, 467-471.	3.1	24
86	Electronic structure and magnetic properties of URhSi . Journal of Applied Physics, 1998, 83, 6438-6440.	2.5	2
87	Kinetics of the C49-C54 transformation in patterned and blanket TiSi_2 films: a comparison.. Materials Research Society Symposia Proceedings, 1998, 514, 219.	0.1	3
88	Measurement and simulation of anisotropy in the infrared and Raman spectra of FeSi_2 single crystals. Physical Review B, 1997, 55, 14290-14297.	3.2	41
89	Kinetics of the C49-C54 phase transition in TiSi_2 : new indications from sheet resistance, infrared spectroscopy and molecular dynamics simulations. , 1997, , .		0
90	Structure, Morphology and Kinetics of the C49 to C54 Phase Transformation In TiSi_2 Thin Films. Materials Research Society Symposia Proceedings, 1997, 481, 593.	0.1	0

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91	Kinetics of the C49 \leftrightarrow C54 phase transition in TiSi ₂ : New indications from sheet resistance, infrared spectroscopy and molecular dynamics simulations. <i>Microelectronic Engineering</i> , 1997, 37-38, 441-448.	2.4	7
92	The electronic structure of YbCu ₄ In as observed through optical measurements. <i>Physica B: Condensed Matter</i> , 1997, 230-232, 304-306.	2.7	4
93	Stoichiometric effects on the optical spectra and pressure response of Fe _{1-x} MnxSi. <i>Physica B: Condensed Matter</i> , 1997, 230-232, 794-796.	2.7	9
94	Magnetic structures and bulk magnetic properties of YbCu ₄ M, M = Au, Pd. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 676-678.	2.7	26
95	Theoretical interpretation of optical conductivity of YbCu ₄ Ag,Au. <i>Journal of Applied Physics</i> , 1996, 79, 6423.	2.5	10
96	Optical response of Cu ₃ Ge thin films. <i>Journal of Applied Physics</i> , 1996, 79, 8115-8117.	2.5	10
97	Electronic structure and physical properties of NbSi ₂ . <i>Physical Review B</i> , 1996, 53, 15631-15637.	3.2	19
98	Evolution of carrier density in the series YCu _{5-x} Inx. <i>Physical Review B</i> , 1996, 53, 9517-9520.	3.2	2
99	Electronic structure and Yb-valence in the Kondo lattices YbCu ₄ M (M = Ag, Au, Pd, In). <i>Physica Scripta</i> , 1996, T66, 177-182.	2.5	7
100	Disorder and Strain Effects in the Optical Response of Thin CoSi Epitaxial Films on Si(111). <i>Materials Research Society Symposia Proceedings</i> , 1995, 402, 631.	0.1	0
101	Experimental identification of the optical phonon of CoSi ₂ in the infrared. <i>Applied Surface Science</i> , 1995, 91, 30-33.	6.1	9
102	Optical response of the Kondo lattices YbCu ₄ Ag, YbCu ₄ Au and YbCu ₄ Pd. <i>Physica B: Condensed Matter</i> , 1995, 206-207, 355-357.	2.7	7
103	Optical functions of epitaxial $\hat{\Gamma}^2$ -FeSi ₂ on Si(001) and Si(111). <i>Solid State Communications</i> , 1995, 96, 751-756.	1.9	16
104	Optical gap of CuO. <i>Physical Review B</i> , 1995, 52, 1433-1436.	3.2	259
105	Anisotropic Optical Response in $\hat{\Gamma}^2$ -FeSi ₂ Single Crystals and Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 1995, 402, 349.	0.1	3
106	Elastic and vibrational properties of pseudomorphic FeSi films. <i>Physical Review B</i> , 1994, 50, 3570-3576.	3.2	30
107	Optical properties of fullerite thin films in the 0.4 to 32 eV energy range. <i>Physica Status Solidi (B): Basic Research</i> , 1994, 183, 267-275.	1.5	9
108	Heavy-fermion behavior in the optical functions of CeCu ₅ . <i>Physica B: Condensed Matter</i> , 1994, 199-200, 34-35.	2.7	2

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109	Evidence of localized states in the optical gap of CuO. <i>Physica B: Condensed Matter</i> , 1994, 199-200, 255-256.	2.7	14
110	Ellipsometric investigation of C60 single crystal. <i>Solid State Communications</i> , 1994, 90, 639-642.	1.9	34
111	Micro-Ftir and Theoretical Study of C60 Single-Crystal Vibrational Modes. <i>Materials Research Society Symposia Proceedings</i> , 1994, 359, 469.	0.1	0
112	Optical and electrical characterization of VSi2 and NbSi2 single crystals. <i>Applied Surface Science</i> , 1993, 73, 237-242.	6.1	2
113	Optical characteristic of epitaxial pseudomorphic FeSi2. <i>Solid State Communications</i> , 1993, 86, 217-219.	1.9	6
114	Anisotropic magnetization and field-induced effects on CuO high quality monocrystals. <i>Solid State Communications</i> , 1993, 86, 131-135.	1.9	13
115	Optical study of the temperature-induced valence transition in YbCu4In. <i>Journal of Applied Physics</i> , 1993, 73, 5418-5420.	2.5	9
116	Optical spectroscopy of the covalent insulator CeF4. <i>Physical Review B</i> , 1992, 46, 10012-10016.	3.2	6
117	The physics of heavy fermions with a hybridization gap. <i>Physica Scripta</i> , 1992, T45, 120-124.	2.5	6
118	Theory and experiment on the optical properties of CrSi2. <i>Physical Review B</i> , 1992, 46, 9380-9389.	3.2	72
119	Optical properties of Pd2Si. <i>Physical Review B</i> , 1992, 45, 13285-13292.	3.2	18
120	Optical study of heavy-fermion behavior in U(Pt _{1-x} Cd _x) ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 108, 79-81.	2.3	5
121	Optical and electronic properties of 5th-column transition metal disilicides. <i>Applied Surface Science</i> , 1991, 53, 230-236.	6.1	9
122	Ellipsometry with fourier transform spectrometer: An application to TaSi2 films. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1991, 13, 169-176.	0.4	2
123	Optical properties of WSi2. <i>Physical Review B</i> , 1991, 44, 8437-8445.	3.2	21
124	Plutonium chalcogenides: Intermediate valence and electronic structure. <i>Physical Review B</i> , 1991, 43, 11136-11144.	3.2	59
125	Optical constants and electrical transport parameters of HfSi2. <i>Journal of Applied Physics</i> , 1991, 69, 7645-7650.	2.5	10
126	Optical study of niobium disilicide polycrystalline films. <i>Physical Review B</i> , 1991, 44, 3757-3761.	3.2	3

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127	Some specific examples of thermorefectance investigation. , 1990, 1286, 154.		1
128	Heavy fermion behavior in far infrared optical spectroscopy. Physica B: Condensed Matter, 1990, 163, 224-226.	2.7	7
129	The resistivity behavior of heavy fermions obtained from a phenomenological two band model. Physica B: Condensed Matter, 1990, 163, 550-552.	2.7	1
130	Optical study of U ₂ PTc ₂ : Evidence of heavy fermion behavior. Solid State Communications, 1990, 74, 1075-1078.	1.9	9
131	Temperature dependence of the optical conductivity of the heavy-fermion system CeCu ₆ . Physical Review B, 1990, 42, 3307-3311.	3.2	28
132	Electronic structure of CeCu ₆ and LaCu ₆ . Physical Review B, 1989, 39, 1407-1410.	3.2	14
133	Far infrared reflectivity of narrow band materials. Mikrochimica Acta, 1988, 95, 345-347.	5.0	0
134	Far infrared optical study of the heavy fermion CeCu ₆ . Solid State Communications, 1988, 67, 931-934.	1.9	9
135	Narrow bands and magnetic properties of heavy fermions. Journal of Magnetism and Magnetic Materials, 1988, 73, 229-232.	2.3	3
136	Narrow bands and magnetic properties of heavy fermions (abstract). Journal of Applied Physics, 1988, 63, 3422-3422.	2.5	0
137	Covalent insulator CeO ₂ : Optical reflectivity measurements. Physical Review B, 1987, 36, 1238-1243.	3.2	272
138	Electronic structure and magnetic properties of heavy fermions. Journal of Magnetism and Magnetic Materials, 1987, 70, 364-368.	2.3	18
139	Electronic structure of UPt ₃ : A low energy optical study. Journal of Magnetism and Magnetic Materials, 1987, 63-64, 377-379.	2.3	5
140	ELECTRONIC STRUCTURE OF UPt ₃ : A LOW ENERGY OPTICAL STUDY. , 1987, , 377-379.		0
141	Far-Infrared Properties of Intermediate Valence- and Heavy Fermion Materials. , 1987, , 269-278.		3
142	Electronic structure of UPt ₃ in the vicinity of the fermi energy. Solid State Communications, 1986, 59, 381-384.	1.9	46
143	Electronic structure of UPt ₃ : A low energy optical study. Journal of Magnetism and Magnetic Materials, 1986, 62, 287-292.	2.3	21
144	Electronic structure of ScN. Physical Review B, 1986, 34, 3876-3882.	3.2	91

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145	Infra-red properties of bulk heavily doped silicon. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1985, 5, 292-303.	0.4	22
146	Far-infrared optical properties of CrCl ₃ and CrBr ₃ . Solid State Communications, 1984, 52, 463-465.	1.9	7
147	Optical properties and photonic bands of Si-based photonic crystals. , 0, , .		0