

Peter Majewski

List of Publications by Year in descending order

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164
papers

4,719
citations

116194

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61
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all docs

181
docs citations

181
times ranked

7262
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of functionalised surfaces on silica with dissolved metal cations in aqueous solutions. International Journal of Materials Research, 2022, 97, 784-788.	0.1	0
2	End-of-life policy considerations for wind turbine blades. Renewable and Sustainable Energy Reviews, 2022, 164, 112538.	8.2	27
3	A holistic reverse logistics planning framework for end-of-life PV panel collection system design. Journal of Environmental Management, 2022, 317, 115331.	3.8	6
4	Superconducting Materials. , 2021, , 151-161.		0
5	Recycling of solar PV panels- product stewardship and regulatory approaches. Energy Policy, 2021, 149, 112062.	4.2	59
6	Experimental Kinetic Analysis of Potassium Extraction from Ultrapotassic Syenite Using NaClâ€“CaCl ₂ Salt Mixture. ACS Omega, 2020, 5, 16421-16429.	1.6	9
7	Thermochemical and Experimental Kinetic Analysis of Potassium Extraction from Ultrapotassic Syenite Using Molten Chloride Salts. Industrial & Engineering Chemistry Research, 2019, 58, 7397-7407.	1.8	10
8	Experimental investigation of specific heat capacity improvement of a binary nitrate salt by addition of nanoparticles/microparticles. Journal of Energy Storage, 2019, 22, 137-143.	3.9	19
9	Synthesis of gold particles at room temperature ionic liquidâ€“ethylene glycol interfaces: effect of processing time and concentration. Journal of Materials Science, 2019, 54, 274-285.	1.7	2
10	Compact, flexible conducting polymer/graphene nanocomposites for supercapacitors of high volumetric energy density. Composites Science and Technology, 2018, 160, 50-59.	3.8	62
11	Synthesis of gold particles at ionic liquidâ€“ethylene glycol interfaces. Gold Bulletin, 2018, 51, 185-195.	1.1	2
12	Binding of Nanoparticles to Aminated Plasma Polymer Surfaces is Controlled by Primary Amine Density and Solution pH. Journal of Physical Chemistry C, 2018, 122, 14986-14995.	1.5	9
13	5. Surface-engineered silica via plasma polymer deposition. , 2017, , 99-112.		1
14	Optimizing Humic Acid Removal by Modifying the Surface Chemistry of Plasma Polymerized Allylamine Coated Particles. Plasma Processes and Polymers, 2016, 13, 802-813.	1.6	3
15	Recent progress and performance evaluation for polyaniline/graphene nanocomposites as supercapacitor electrodes. Nanotechnology, 2016, 27, 442001.	1.3	112
16	â€“Chocolateâ€™ silver nanoparticles: Synthesis, antibacterial activity and cytotoxicity. Journal of Colloid and Interface Science, 2016, 482, 151-158.	5.0	78
17	Influence of immobilized quaternary ammonium group surface density on antimicrobial efficacy and cytotoxicity. Biofouling, 2016, 32, 13-24.	0.8	45
18	Influence of Particle Mass and Flow Rate on Plasma Polymerized Allylamine Coated Quartz Particles for Humic Acid Removal. Plasma Processes and Polymers, 2015, 12, 42-50.	1.6	4

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19	Plasma polymerization of sulfur-rich and water-stable coatings on silica particles. <i>Surface and Coatings Technology</i> , 2015, 264, 72-79.	2.2	26
20	Plasma Polymer-Functionalized Silica Particles for Heavy Metals Removal. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4265-4274.	4.0	80
21	Development of negatively charged particulate surfaces through a dry plasma-assisted approach. <i>RSC Advances</i> , 2015, 5, 12910-12921.	1.7	30
22	Elastomeric composites based on carbon nanomaterials. <i>Nanotechnology</i> , 2015, 26, 112001.	1.3	119
23	Free-standing composite hydrogel films for superior volumetric capacitance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15668-15674.	5.2	69
24	Antibacterial Plasma Polymer Films Conjugated with Phospholipid Encapsulated Silver Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1278-1286.	2.6	39
25	Implication of multi-walled carbon nanotubes on polymer/graphene composites. <i>Materials & Design</i> , 2015, 65, 690-699.	5.1	99
26	Silver Nanoparticles: Synthesis, Antimicrobial Coatings, and Applications for Medical Devices. <i>Recent Patents on Materials Science</i> , 2015, 8, 166-175.	0.5	17
27	Aniodic TiO ₂ Nanotubes Synthesis and Applications. <i>Recent Patents on Materials Science</i> , 2014, 7, 1-7.	0.5	1
28	Antibacterial Efficacy and Cytotoxicity of Silver Nanoparticle Based Coatings Facilitated by a Plasma Polymer Interlayer. <i>Plasma Medicine</i> , 2014, 4, 101-115.	0.2	6
29	Mesoporous Transition Metal Oxide Ceramics. , 2014, , 839-869.		0
30	Removal of Acid Orange 7 Dye from Water Via Plasma-Polymerized Allylamine-Coated Quartz Particles. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	7
31	Synthesis and surface immobilization of antibacterial hybrid silver-poly(L-lactide) nanoparticles. <i>Nanotechnology</i> , 2014, 25, 305102.	1.3	26
32	Photosensitive oxide semiconductors for solar hydrogen fuel and water disinfection. <i>International Materials Reviews</i> , 2014, 59, 449-478.	9.4	18
33	Substrate independent silver nanoparticle based antibacterial coatings. <i>Biomaterials</i> , 2014, 35, 4601-4609.	5.7	133
34	Development of Oxidized Sulfur Polymer Films through a Combination of Plasma Polymerization and Oxidative Plasma Treatment. <i>Langmuir</i> , 2014, 30, 1444-1454.	1.6	27
35	Electrically and thermally conductive elastomer/graphene nanocomposites by solution mixing. <i>Polymer</i> , 2014, 55, 201-210.	1.8	239
36	Synthesis and antibacterial properties of a hybrid of silver-potato starch nanocapsules by miniemulsion/polyaddition polymerization. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1838.	2.9	46

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37	A novel approach to electrically and thermally conductive elastomers using graphene. <i>Polymer</i> , 2013, 54, 3663-3670.	1.8	124
38	Frictional Heating in Hip Implants – A Review. <i>Procedia Engineering</i> , 2013, 56, 725-730.	1.2	6
39	Hydrophobic Plasma Polymer Coated Silica Particles for Petroleum Hydrocarbon Removal. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8563-8571.	4.0	80
40	Tuning the hydrophobicity of plasma polymer coated silica particles. <i>Powder Technology</i> , 2013, 249, 403-411.	2.1	34
41	Influence of Film Stability and Aging of Plasma Polymerized Allylamine Coated Quartz Particles on Humic Acid Removal. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7315-7322.	4.0	17
42	Gd ₂ O ₃ nanoparticles: size-dependent nuclear magnetic resonance. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 92-95.	0.4	43
43	Melt compounding with graphene to develop functional, high-performance elastomers. <i>Nanotechnology</i> , 2013, 24, 165601.	1.3	124
44	Hydrolytic Stability of Mesoporous Zirconium Titanate Frameworks Containing Coordinating Organic Functionalities. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4120-4128.	4.0	20
45	Transmission and reflection through 1D metallo-dielectric gratings of real metals under sub-wavelength condition. <i>Optics Communications</i> , 2013, 286, 378-382.	1.0	1
46	Adsorption of Albumin on Silica Surfaces Modified by Silver and Copper Nanoparticles. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-7.	1.5	23
47	A facile approach to fabricate elastomer/graphene platelets nanocomposites. , 2013, , .		1
48	Evolution of Hydrophobicity in Plasma Polymerised 1,7-octadiene Films. <i>Plasma Processes and Polymers</i> , 2013, 10, 1018-1029.	1.6	36
49	Optimization of Plasma Polymerized Ethylenediamine Film Chemistry on Quartz Particles. <i>Plasma Processes and Polymers</i> , 2013, 10, 619-626.	1.6	12
50	LaGaO ₃ -Ag cermet for intermediate temperature solid oxide fuel cell cathodes. <i>Advances in Applied Ceramics</i> , 2012, 111, 99-105.	0.6	1
51	Extraordinary optical transmission: coupling of the Wood-Rayleigh anomaly and the Fabry-Perot resonance. <i>Optics Letters</i> , 2012, 37, 1742.	1.7	37
52	Deposition of Silver and Gold Nanoparticles on Surface Engineered Silica Particles and Their Potential Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 8001-8007.	0.9	7
53	The application of surface engineered silica for the treatment of sugar containing wastewater. <i>Water Science and Technology</i> , 2012, 65, 46-52.	1.2	5
54	Development of hydrophobic silica powders using plasma polymerization technology. , 2012, , .		1

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55	Fabrication of amine-functionalized magnetite nanoparticles for water treatment processes. , 2012, , 137-147.		1
56	Surface properties and water treatment capacity of surface engineered silica coated with 3-(2-aminoethyl) aminopropyltrimethoxysilane. Applied Surface Science, 2012, 258, 2454-2458.	3.1	12
57	Fabrication of amine-functionalized magnetite nanoparticles for water treatment processes. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	14
58	Plasma polymerized allylamine coated quartz particles for humic acid removal. Journal of Colloid and Interface Science, 2012, 380, 150-158.	5.0	46
59	Designing 1D grating for extraordinary optical transmission for TM polarization. Photonics and Nanostructures - Fundamentals and Applications, 2012, 10, 112-118.	1.0	4
60	COOH-functionalisation of silica particles. Applied Surface Science, 2011, 257, 9282-9286.	3.1	9
61	Analytical solution of the fundamental waveguide mode of one-dimensional transmission grating for TM polarization. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2919.	0.9	8
62	Plasma-Sprayed Strontium- and Magnesium-Doped Lanthanum Gallate Ceramics. International Journal of Applied Ceramic Technology, 2011, 8, 1436-1443.	1.1	1
63	Fabrication and characterisation of self-assembled monolayers of N-[3-(trimethoxysilyl)propyl]diethylenetriamine on silica particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 377, 20-27.	2.3	16
64	Novel titration method for surface-functionalised silica. Applied Surface Science, 2011, 257, 2576-2580.	3.1	10
65	Ultra small Gd ₂ O ₃ nanoparticles: Absorption and emission properties. Journal of Colloid and Interface Science, 2011, 354, 592-596.	5.0	73
66	Superparamagnetic Magnetite (Fe ₃ O ₄) Nanoparticles for Bio-Applications. Recent Patents on Materials Science, 2010, 1, 116-127.	0.5	2
67	Removal of natural organic matter using self-assembled monolayer technology. Desalination and Water Treatment, 2009, 12, 344-351.	1.0	12
68	Study of gadolinia-doped ceria solid electrolyte surface by XPS. Materials Characterization, 2009, 60, 138-143.	1.9	53
69	Synthesis and characterization of Sr- and Mg-doped Lanthanum gallate electrolyte materials prepared via the Pechini method. Materials Chemistry and Physics, 2009, 114, 43-46.	2.0	26
70	Cermet cathodes for strontium and magnesium-doped LaGaO ₃ -based solid oxide fuel cells. Materials Chemistry and Physics, 2009, 114, 356-361.	2.0	4
71	Immunotargeting of Functional Nanoparticles for MRI detection of Apoptotic Tumor Cells. Advanced Materials, 2009, 21, 541-545.	11.1	32
72	Biomimetic hydroxyapatite coating on glass coverslips for the assay of osteoclast activity in vitro. Journal of Materials Science: Materials in Medicine, 2009, 20, 1467-1473.	1.7	15

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73	Synthesis and Characterization of Sr- and Mg-doped LaGaO ₃ Tapes. International Journal of Applied Ceramic Technology, 2009, 6, 249-256.	1.1	8
74	Thermal expansion behaviour of Sr- and Mg-doped LaGaO ₃ solid electrolyte. Journal of the European Ceramic Society, 2009, 29, 1463-1468.	2.8	19
75	LaGaO ₃ -based cermet for solid oxide fuel cell cathodes. Journal of the European Ceramic Society, 2009, 29, 1469-1476.	2.8	4
76	Multifunctional core-shell magnetic cisplatin nanocarriers. Chemical Communications, 2009, , 7348.	2.2	30
77	Synthesis and characterization of gadolinia-doped ceria-silver cermet cathode material for solid oxide fuel cells. Materials Chemistry and Physics, 2008, 107, 370-376.	2.0	12
78	Study of strontium- and magnesium-doped lanthanum gallate solid electrolyte surface by X-ray photoelectron spectroscopy. Materials Research Bulletin, 2008, 43, 1-8.	2.7	12
79	Synthesis and reactivity study of gadolinia doped ceria-nickel: A potential anode material for solid oxide fuel cell. Journal of Alloys and Compounds, 2008, 455, 454-460.	2.8	15
80	Efficient Numerical Schemes for Electronic States in Coupled Quantum Dots. Journal of Nanoscience and Nanotechnology, 2008, 8, 3695-3709.	0.9	31
81	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. Journal of Instrumentation, 2008, 3, P08003-P08003.	0.5	42
82	Removal of pathogens by functionalised self-assembled monolayers. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 93-100.	0.6	1
83	Water purification by functionalised self-assembled monolayers on silica particles. International Journal of Nanotechnology, 2008, 5, 291.	0.1	11
84	Superparamagnetic Magnetite (Fe ₃ O ₄) Nanoparticles for Bio-Applications. Recent Patents on Materials Science, 2008, 1, 116-127.	0.5	6
85	Preparation of monodisperse functionalised superparamagnetic nanoparticles. International Journal of Nanotechnology, 2007, 4, 523.	0.1	4
86	Structural studies of Sr- and Mg-doped LaGaO ₃ . Journal of Alloys and Compounds, 2007, 438, 232-237.	2.8	52
87	Variation of the surface charge of silica particles by functionalised self-assembled monolayers. Advanced Powder Technology, 2007, 18, 303-310.	2.0	8
88	Functionalized Magnetite Nanoparticles—Synthesis, Properties, and Bio-Applications. Critical Reviews in Solid State and Materials Sciences, 2007, 32, 203-215.	6.8	249
89	Removal of organic matter in water by functionalised self-assembled monolayers on silica. Separation and Purification Technology, 2007, 57, 283-288.	3.9	20
90	Synthesis and characterization of strontium and magnesium substituted lanthanum gallate-nickel cermet anode for solid oxide fuel cells. Materials Chemistry and Physics, 2007, 102, 125-131.	2.0	12

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91	Synthesis and microstructural characterization of Sr- and Mg-substituted LaGaO ₃ solid electrolyte. <i>Materials Chemistry and Physics</i> , 2007, 102, 240-244.	2.0	37
92	Synthesis and characterization of Sr- and Mg-doped LaGaO ₃ by using glycine-nitrate combustion method. <i>Journal of Alloys and Compounds</i> , 2006, 425, 348-352.	2.8	41
93	Sintering behaviour, mechanical properties and thermal shock resistance of alkaline earth doped lanthanum gallate. <i>Powder Metallurgy</i> , 2006, 49, 34-39.	0.9	2
94	Synthesis of strontium- and magnesium-doped lanthanum gallate by glycine-nitrate combustion method. <i>Particuology: Science and Technology of Particles</i> , 2006, 4, 9-12.	0.4	4
95	Synthesis and characterisation of star polymer/silicon carbide nanocomposites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 434, 360-364.	2.6	15
96	Thermal shock and thermal fatigue study of Sr- and Mg-doped lanthanum gallate. <i>International Journal of Fatigue</i> , 2006, 28, 237-242.	2.8	10
97	Synthesis of hydroxyapatite on titanium coated with organic self-assembled monolayers. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 420, 13-20.	2.6	26
98	Microstructure and ionic conductivity of Sr- and Mg-doped LaGaO ₃ . <i>Journal of Materials Science</i> , 2006, 41, 4205-4213.	1.7	28
99	Synthesis of La _{0.85} Sr _{0.15} Ga _{0.85} Mg _{0.15} O _{2.85} materials for SOFC applications by acrylamide polymerization. <i>Materials Research Bulletin</i> , 2006, 41, 461-468.	2.7	26
100	The optimal SAM surface functional group for producing a biomimetic HA coating on Ti. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 77A, 763-772.	2.1	48
101	Interaction of functionalised surfaces on silica with dissolved metal cations in aqueous solutions. <i>International Journal of Materials Research</i> , 2006, 97, 784-788.	0.1	4
102	Preparation of electrolyte foils La _{0.85} Sr _{0.15} Ga _{0.85} Mg _{0.15} O _{2.85} (LSGM) by means of tape casting. <i>Journal of Materials Processing Technology</i> , 2005, 169, 179-183.	3.1	23
103	Phase relations study on the melting and crystallization regions of the Bi-2223 high temperature superconductor. <i>Materials Research</i> , 2004, 7, 393-408.	0.6	10
104	Metastable Crystal Structure of Strontium- and Magnesium-Substituted LaGaO ₃ . <i>Journal of the American Ceramic Society</i> , 2004, 87, 656-661.	1.9	23
105	La _{1-x} Sr _x Ga ₃ O ₇ Melilite-Type Ceramics - Preparation, Composition, and Structure. <i>Journal of the American Ceramic Society</i> , 2004, 87, 662-669.	1.9	29
106	Electrical Conduction Behavior of La _{1-x} Sr _x Ga ₃ O ₇ Melilite-Type Ceramics. <i>Journal of the American Ceramic Society</i> , 2004, 87, 1795-1798.	1.9	46
107	Insights into the phase relationships involved in the Bi-2223 melting and crystallization regions. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 860-861.	0.6	4
108	Homogeneity Region of Strontium- and Magnesium-Containing LaGaO ₃ at Temperatures between 1100° and 1500° C in Air. <i>Journal of the American Ceramic Society</i> , 2003, 86, 1940-1946.	1.9	26

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109	Study of the Solid State Reactions between (La,Sr)(Ga,Mg)O ₃ and (La,Sr)MnO ₃ , (La,Ca)CrO ₃ , and Ni. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2002, 33, 348-354.	0.5	9
110	Synthesis of Gallium Oxide Hydroxide Crystals in Aqueous Solutions with or without Urea and Their Calcination Behavior. <i>Journal of the American Ceramic Society</i> , 2002, 85, 1421-1429.	1.9	155
111	Processing of (La,Sr)(Ga,Mg)O ₃ Solid Electrolyte. , 2002, 8, 65-73.		50
112	Phase equilibria in the system La ₂ O ₃ -SrO-Mn ₃ O ₄ in air. <i>Solid State Sciences</i> , 2001, 3, 1257-1259.	0.8	13
113	Phase diagram studies in the systems La ₂ O ₃ -SrO-Ga ₂ O ₃ and La ₂ O ₃ -MgO-Ga ₂ O ₃ at 1400Å°C in air. <i>Solid State Sciences</i> , 2001, 3, 1343-1344.	0.8	7
114	Phase relations and homogeneity region of Sr(Fe,Mo)O ₃ at 1200Å°C in air. <i>Solid State Sciences</i> , 2001, 3, 733-736.	0.8	5
115	Phase diagram studies in the systems La ₂ O ₃ -SrO-MgO-Ga ₂ O ₃ at 1350-1400Å°C in air with emphasis on Sr and Mg substituted LaGaO ₃ . <i>Journal of Alloys and Compounds</i> , 2001, 329, 253-258.	2.8	51
116	Cu diffusion into Ag during BSCCO tape processing. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 351, 62-66.	0.6	10
117	Phase equilibria in the system Tl ₂ O ₃ -BaO-CaO-CuO-Ag. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 403-406.	0.6	3
118	The influence of Ag on Bi-2212 and Bi-2223. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 517-518.	0.6	6
119	Chemical Preparation of Pure and Strontium-and/or Magnesium-Doped Lanthanum Gallate Powders. <i>Journal of the American Ceramic Society</i> , 2000, 83, 2954-2960.	1.9	165
120	Phase diagram studies in the quasi binary systems LaMnO ₃ -SrMnO ₃ and LaMnO ₃ -CaMnO ₃ . <i>Journal of Materials Research</i> , 2000, 15, 1161-1166.	1.2	20
121	Materials Aspects of the High-temperature Superconductors in the System Bi ₂ O ₃ -SrO-CaO-CuO. <i>Journal of Materials Research</i> , 2000, 15, 854-870.	1.2	84
122	Phase-Diagram Studies in the La ₂ O ₃ -SrO-CaO-Mn ₃ O ₄ System at 1200Å°C in Air. <i>Journal of the American Ceramic Society</i> , 2000, 83, 1513-1517.	1.9	15
123	The influence of on the phase stability of Bi-2212. <i>Superconductor Science and Technology</i> , 1999, 12, 249-254.	1.8	3
124	Diffusion of Cu into the Ag sheath of BPSCCO tapes. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 325, 8-12.	0.6	6
125	Phase Equilibrium Diagrams of the Binary Systems LaMnO ₃ -SrMnO ₃ and LaMnO ₃ -CaMnO ₃ . <i>Materials Research Society Symposia Proceedings</i> , 1999, 602, 327.	0.1	0
126	Chemical Synthesis of Pure and Doped LaGaO ₃ Powders of Oxide Fuel Cells by Amorphous Citrate/EG Method. <i>Materials Research Society Symposia Proceedings</i> , 1999, 606, 237.	0.1	1

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127	Phase Equilibria and Superconducting Properties of $\text{BiSr}_2\text{YCu}_2\text{O}_7$ (1212 Phase). <i>Journal of the American Ceramic Society</i> , 1999, 82, 197-202.	1.9	10
128	Flux pinning by columnar defects in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+d}$ single crystals and annealing effects. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998, 146, 577-580.	0.6	1
129	Electron probe microanalysis and magnetic characterization of compounds of the system Y-Ni-B-C. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 361, 682-684.	1.5	1
130	Rapid synthesis of the Bi-2212 phase by a polymer matrix method. <i>Superconductor Science and Technology</i> , 1997, 10, 717-720.	1.8	36
131	Phase equilibria in the system Yi-Ni-Bi-C . <i>Journal of Alloys and Compounds</i> , 1997, 261, 242-249.	2.8	9
132	Phase diagram studies in the system Bi - Pb - Sr - Ca - Cu - O - Ag. <i>Superconductor Science and Technology</i> , 1997, 10, 453-467.	1.8	105
133	Magnetic phase transitions and structural deficiencies in superconducting Yi-Ni-Bi-C . <i>Physica C: Superconductivity and Its Applications</i> , 1997, 280, 43-51.	0.6	12
134	Title is missing!. <i>Journal of Materials Science</i> , 1997, 32, 5137-5141.	1.7	27
135	Phase diagram studies in the system $\text{Ag-Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 275, 47-51.	0.6	35
136	Processing effects on mechanical and superconducting properties of Bi2201 and Bi2212 glass ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 275, 337-345.	0.6	10
137	Fundamentals of the preparation of high-TC, superconducting $(\text{Bi,Pb})_{2+x}\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ ceramics. <i>Advanced Materials</i> , 1996, 8, 762-765.	11.1	16
138	The influences of the Sr/Ca and Bi/Pb ratio upon the structural modulation of the Bi-2212 phase. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 256, 345-352.	0.6	6
139	Engineered flux pinning centres in Pb-doped high temperature superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ ceramics. <i>Journal of Materials Science</i> , 1996, 31, 2035-2042.	1.7	16
140	Synthesis of highly pure Bi-2223 ceramics using defined precursors. <i>Physica C: Superconductivity and Its Applications</i> , 1996, 272, 115-124.	0.6	31
141	The Kinetic Energy of the Vortex and Pinning Force in High Temperature Superconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1995, 187, K17.	0.7	4
142	The use of phase diagrams for the engineering of flux pinning centres in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ ceramics. <i>Applied Superconductivity</i> , 1995, 3, 289-301.	0.5	18
143	Preparation and superconductivity of $(\text{Bi,Pb,Cu})\text{Sr}_2(\text{RE,Ca})\text{Cu}_2\text{O}_d$ ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 245, 301-307.	0.6	10
144	Enhanced pinning by second-phase precipitates in Sr rich $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 249, 234-240.	0.6	36

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145	Precipitation and pinning in Pb doped Bi2212 ceramics. Physica C: Superconductivity and Its Applications, 1995, 249, 241-246.	0.6	21
146	Phase relations and homogeneity region of the hightemperature superconducting phase (Bi,Pb)2Sr2Ca2Cu3O10+d. Journal of Electronic Materials, 1995, 24, 1829-1834.	1.0	16
147	Precipitation and pinning in Ca and Sr-Rich High-Tc superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ ceramics. Journal of Electronic Materials, 1995, 24, 1937-1941.	1.0	9
148	The increase of pinning in (Bi,Pb)2Sr2Ca2Cu3O10+dbulk ceramics. Superconductor Science and Technology, 1994, 7, 514-517.	1.8	28
149	Increased pinning in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ ceramics. Applied Superconductivity, 1994, 2, 93-99.	0.5	9
150	Pancake Vortex Pinning by Defects in Strongly Anisotropic High-Temperature Superconductors. Physica Status Solidi (B): Basic Research, 1994, 184, 417-421.	0.7	5
151	Flux line pinning by defects in highTc superconducting crystals. Crystal Research and Technology, 1994, 29, 1109-1118.	0.6	5
152	BiSrCaCuO High-Tc Superconductors. Advanced Materials, 1994, 6, 460-469.	11.1	92
153	Processing of high-temperature superconducting tapes. Advanced Materials, 1994, 6, 593-594.	11.1	7
154	The Pb solubility of the Bi-based high-Tc superconductors $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ and $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+d}$ as a function of temperature. Physica C: Superconductivity and Its Applications, 1994, 221, 295-298.	0.6	42
155	EXAFS study of Bi—O bond lengths in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ high-Tc superconductor. Physica C: Superconductivity and Its Applications, 1994, 233, 415-422.	0.6	8
156	The oxygen content of the high-temperature superconducting compound $\text{Bi}_{2+x}\text{Sr}_3\text{Ca}_y\text{Cu}_2\text{O}_{8+d}$ as a function of the cation concentration. Physica C: Superconductivity and Its Applications, 1994, 229, 12-16.	0.6	22
157	New HTSCs still far below room temperature. Advanced Materials, 1993, 5, 862-864.	11.1	4
158	The influence of the phase equilibria on the critical temperatures T_c of the high-Tc $\text{Bi}_x\text{Sr}_y\text{Ca}_z\text{Cu}_w\text{O}$ and $\text{Y}_a\text{Ba}_b\text{Cu}_c\text{O}$ compounds. Journal of Electronic Materials, 1993, 22, 1259-1262.	1.0	19
159	The Single Phase Regions and the Phase Stability of the High-Tc Superconducting Compounds $\text{Bi}_{2+x}(\text{Sr},\text{Ca})_3\text{Cu}_2\text{O}_{8+d}$ (2212) and $\text{Bi}_{2+x}(\text{Sr},\text{Ca})_4\text{Cu}_3\text{O}_{10+d}$ (2223). Materials Research Society Symposia Proceedings, 1992, 275, 627.	0.1	14
160	The in-situ preparation of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8 + \hat{\Gamma}$ films using the pulsed-laser deposition technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1992, 13, 49-52.	1.7	5
161	The High-Tc superconducting solid solution $\text{Bi}_{2+x}(\text{Sr},\text{Ca})_3\text{Cu}_2\text{O}_{8+d}$ (2212 Phase) chemical composition and superconducting properties. Advanced Materials, 1992, 4, 508-511.	11.1	68
162	The phase equilibria of $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ in the system $\text{Bi}_2\text{O}_3\text{—SrO—CaO—CuO}$. Physica C: Superconductivity and Its Applications, 1991, 185-189, 469-470.	0.6	20

#	ARTICLE	IF	CITATIONS
163	The phase equilibrium diagram of Bi ₂ O ₃ -SrO-CaO-CuO-A tool of processing the high- T _c superconducting bismuth-compounds. <i>Advanced Materials</i> , 1991, 3, 67-69.	11.1	51
164	Substrate Independent Approach for Immobilisation of Quaternary Ammonium Compounds to Surfaces to Reduce Bio-Burden. <i>Materials Science Forum</i> , 0, 783-786, 1389-1395.	0.3	6