Peter Majewski

List of Publications by Year
in descending order

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164	4,719	101543	123424
papers	citations	36 h-index	61 g-index

181	181	181	6607
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functionalized Magnetite Nanoparticlesâ€"Synthesis, Properties, and Bio-Applications. Critical Reviews in Solid State and Materials Sciences, 2007, 32, 203-215.	12.3	249
2	Electrically and thermally conductive elastomer/graphene nanocomposites by solution mixing. Polymer, 2014, 55, 201-210.	3.8	239
3	Chemical Preparation of Pure and Strontiumâ€•and/or Magnesiumâ€Doped Lanthanum Gallate Powders. Journal of the American Ceramic Society, 2000, 83, 2954-2960.	3.8	165
4	Synthesis of Gallium Oxide Hydroxide Crystals in Aqueous Solutions with or without Urea and Their Calcination Behavior. Journal of the American Ceramic Society, 2002, 85, 1421-1429.	3.8	155
5	Substrate independent silver nanoparticle based antibacterial coatings. Biomaterials, 2014, 35, 4601-4609.	11.4	133
6	A novel approach to electrically and thermally conductive elastomers using graphene. Polymer, 2013, 54, 3663-3670.	3.8	124
7	Melt compounding with graphene to develop functional, high-performance elastomers. Nanotechnology, 2013, 24, 165601.	2.6	124
8	Elastomeric composites based on carbon nanomaterials. Nanotechnology, 2015, 26, 112001.	2.6	119
9	Recent progress and performance evaluation for polyaniline/graphene nanocomposites as supercapacitor electrodes. Nanotechnology, 2016, 27, 442001.	2.6	112
10	Phase diagram studies in the system Bi - Pb - Sr - Ca - Cu - O - Ag. Superconductor Science and Technology, 1997, 10, 453-467.	3.5	105
11	Implication of multi-walled carbon nanotubes on polymer/graphene composites. Materials & Design, 2015, 65, 690-699.	5.1	99
12	BiSrCaCuO High-Tc Superconductors. Advanced Materials, 1994, 6, 460-469.	21.0	92
13	Materials Aspects of the High-temperature Superconductors in the System Bi₂O₃â€"SrOâ€"CaOâ€"CuO. Journal of Materials Research, 2000, 15, 854-870.	2.6	84
14	Hydrophobic Plasma Polymer Coated Silica Particles for Petroleum Hydrocarbon Removal. ACS Applied Materials & Interfaces, 2013, 5, 8563-8571.	8.0	80
15	Plasma Polymer-Functionalized Silica Particles for Heavy Metals Removal. ACS Applied Materials & Interfaces, 2015, 7, 4265-4274.	8.0	80
16	â€˜Chocolateâ€™ silver nanoparticles: Synthesis, antibacterial activity and cytotoxicity. Journal of Colloid and Interface Science, 2016, 482, 151-158.	9.4	78
17	Ultra small Gd2O3 nanoparticles: Absorption and emission properties. Journal of Colloid and Interface Science, 2011, 354, 592-596.	9.4	73
18	Free-standing composite hydrogel films for superior volumetric capacitance. Journal of Materials Chemistry A, 2015, 3, 15668-15674.	10.3	69

#	Article	IF	Citations
19	The High-Tc superconducting solid solution Bi2+x(Sr,Ca)3Cu2O8+d (2212 Phase)â€"chemical composition and superconducting properties. Advanced Materials, 1992, 4, 508-511.	21.0	68
20	Compact, flexible conducting polymer/graphene nanocomposites for supercapacitors of high volumetric energy density. Composites Science and Technology, 2018, 160, 50-59.	7.8	62
21	Recycling of solar PV panels- product stewardship and regulatory approaches. Energy Policy, 2021, 149, 112062.	8.8	59
22	Study of gadolinia-doped ceria solid electrolyte surface by XPS. Materials Characterization, 2009, 60, 138-143.	4.4	53
23	Structural studies of Sr- and Mg-doped LaGaO3. Journal of Alloys and Compounds, 2007, 438, 232-237.	5.5	52
24	The phase equilibrium diagram of Bi2O3-SrO-CaO-CuO-A tool of processing the high- Tc superconducting bismuth-compounds. Advanced Materials, 1991, 3, 67-69.	21.0	51
25	Phase diagram studies in the systems La2O3â€"SrOâ€"MgOâ€"Ga2O3 at 1350â€"1400Â°C in air with emphasis on Sr and Mg substituted LaGaO3. Journal of Alloys and Compounds, 2001, 329, 253-258.	5.5	51
26	Processing of (La,Sr)(Ga,Mg)O3 Solid Electrolyte. , 2002, 8, 65-73.		50
27	The optimal SAM surface functional group for producing a biomimetic HA coating on Ti. Journal of Biomedical Materials Research - Part A, 2006, 77A, 763-772.	4.0	48
28	Electrical Conduction Behavior of La_{1+x}Sr_{1â^'x}Ga₃O_{7â€"Î´} Melilite†Type Ceramics. Journal of the American Ceramic Society, 2004, 87, 1795-1798.	3.8	46
29	Plasma polymerized allylamine coated quartz particles for humic acid removal. Journal of Colloid and Interface Science, 2012, 380, 150-158.	9.4	46
30	Synthesis and antibacterial properties of a hybrid of silverâ€"potato starch nanocapsules by miniemulsion/polyaddition polymerization. Journal of Materials Chemistry B, 2014, 2, 1838.	5.8	46
31	Influence of immobilized quaternary ammonium group surface density on antimicrobial efficacy and cytotoxicity. Biofouling, 2016, 32, 13-24.	2.2	45
32	Gd₂O₃ nanoparticles: sizeâ€dependent nuclear magnetic resonance. Contrast Media and Molecular Imaging, 2013, 8, 92-95.	0.8	43
33	The Pb solubility of the Bi-based high-Tc superconductors â€œBi2Sr2CaCu2O8â€•and â€œBi2Sr2Ca2Cu3O10â€•as a function of temperature. Physica C: Superconductivity and Its Applications, 1994, 221, 295-298.	1.2	42
34	Combined performance tests before installation of the ATLAS Semiconductor and Transition Radiation Tracking Detectors. Journal of Instrumentation, 2008, 3, P08003-P08003.	1.2	42
35	Synthesis and characterization of Sr- and Mg-doped LaGaO3 by using glycineâ€"nitrate combustion method. Journal of Alloys and Compounds, 2006, 425, 348-352.	5.5	41
36	Antibacterial Plasma Polymer Films Conjugated with Phospholipid Encapsulated Silver Nanoparticles. ACS Biomaterials Science and Engineering, 2015, 1, 1278-1286.	5.2	39

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37	Synthesis and microstructural characterization of Sr- and Mg-substituted LaGaO3 solid electrolyte. Materials Chemistry and Physics, 2007, 102, 240-244.	4.0	37
38	Extraordinary optical transmission: coupling of the Woodâ€“Rayleigh anomaly and the Fabryâ€“Perot resonance. Optics Letters, 2012, 37, 1742.	3.3	37
39	Enhanced pinning by second-phase precipitates in Sr rich â€œBi2Sr2CaCu2O8â€•ceramics. Physica C: Superconductivity and Its Applications, 1995, 249, 234-240.	1.2	36
40	Rapid synthesis of the Bi-2212 phase by a polymer matrix method. Superconductor Science and Technology, 1997, 10, 717-720.	3.5	36
41	Evolution of Hydrophobicity in Plasma Polymerised 1,7â€‹scp›O‹/scp›ctadiene Films. Plasma Processes and Polymers, 2013, 10, 1018-1029.	3.0	36
42	Phase diagram studies in the system Ag-â€œBi2Sr2CaCu2O8â€• Physica C: Superconductivity and Its Applications, 1997, 275, 47-51.	1.2	35
43	Tuning the hydrophobicity of plasma polymer coated silica particles. Powder Technology, 2013, 249, 403-411.	4.2	34
44	Immunotargeting of Functional Nanoparticles for MRI detection of Apoptotic Tumor Cells. Advanced Materials, 2009, 21, 541-545.	21.0	32
45	Synthesis of highly pure Bi-2223 ceramics using defined precursors. Physica C: Superconductivity and Its Applications, 1996, 272, 115-124.	1.2	31
46	Efficient Numerical Schemes for Electronic States in Coupled Quantum Dots. Journal of Nanoscience and Nanotechnology, 2008, 8, 3695-3709.	0.9	31
47	Multifunctional coreâ€“shell magnetic cisplatin nanocarriers. Chemical Communications, 2009, , 7348.	4.1	30
48	Development of negatively charged particulate surfaces through a dry plasma-assisted approach. RSC Advances, 2015, 5, 12910-12921.	3.6	30
49	La‹sub›1+‹i›x‹/i›‹/sub›Sr‹sub›1â€“‹i›x‹/i›‹/sub›Ga‹sub›3‹/sub›O‹sub›7â€“Î´‹/sub› Meliliteâ€•Type Ceramics â€•Preparation, Composition, and Structure. Journal of the American Ceramic Society, 2004, 87, 662-669.	3.8	29
50	The increase of pinning in (Bi,Pb)2Sr2Ca2Cu3O10+dbulk ceramics. Superconductor Science and Technology, 1994, 7, 514-517.	3.5	28
51	Microstructure and ionic conductivity of Sr- and Mg-doped LaGaO3. Journal of Materials Science, 2006, 41, 4205-4213.	3.7	28
52	Title is missing!. Journal of Materials Science, 1997, 32, 5137-5141.	3.7	27
53	Development of Oxidized Sulfur Polymer Films through a Combination of Plasma Polymerization and Oxidative Plasma Treatment. Langmuir, 2014, 30, 1444-1454.	3.5	27
54	End-of-life policy considerations for wind turbine blades. Renewable and Sustainable Energy Reviews, 2022, 164, 112538.	16.4	27

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55	Homogeneity Region of Strontium- and Magnesium-Containing LaGaO3at Temperatures between 1100Â° and 1500Â°C in Air. Journal of the American Ceramic Society, 2003, 86, 1940-1946.	3.8	26
56	Synthesis of hydroxyapatite on titanium coated with organic self-assembled monolayers. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 420, 13-20.	5.6	26
57	Synthesis of La0.85Sr0.15Ga0.85Mg0.15O2.85 materials for SOFC applications by acrylamide polymerization. Materials Research Bulletin, 2006, 41, 461-468.	5.2	26
58	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.	4.0	26
59	Synthesis and surface immobilization of antibacterial hybrid silver-poly(l-lactide) nanoparticles. Nanotechnology, 2014, 25, 305102.	2.6	26
60	Plasma polymerization of sulfur-rich and water-stable coatings on silica particles. Surface and Coatings Technology, 2015, 264, 72-79.	4.8	26
61	Metastable Crystal Structure of Strontiumâ€•and Magnesiumâ€Substituted LaGaO₃. Journal of the American Ceramic Society, 2004, 87, 656-661.	3.8	23
62	Preparation of electrolyte foils La0.85Sr0.15Ga0.85Mg0.15O2.85 (LSGM) by means of tape casting. Journal of Materials Processing Technology, 2005, 169, 179-183.	6.3	23
63	Adsorption of Albumin on Silica Surfaces Modified by Silver and Copper Nanoparticles. Journal of Nanomaterials, 2013, 2013, 1-7.	2.7	23
64	The oxygen content of the high-temperature superconducting compound Bi2+xSr3â^'yCayCu2O8+d as a function of the cation concentration. Physica C: Superconductivity and Its Applications, 1994, 229, 12-16.	1.2	22
65	Precipitation and pinning in Pb doped Bi2212 ceramics. Physica C: Superconductivity and Its Applications, 1995, 249, 241-246.	1.2	21
66	The phase equilibria of Bi2Sr2Ca2Cu3O10 in the system Bi2O3î—¸SrOî—¸CaOî—¸CuO. Physica C: Superconductivity and Its Applications, 1991, 185-189, 469-470.	1.2	20
67	Phase diagram studies in the quasi binary systems LaMnO3â€“SrMnO3 and LaMnO3â€“CaMnO3. Journal of Materials Research, 2000, 15, 1161-1166.	2.6	20
68	Removal of organic matter in water by functionalised self-assembled monolayers on silica. Separation and Purification Technology, 2007, 57, 283-288.	7.9	20
69	Hydrolytic Stability of Mesoporous Zirconium Titanate Frameworks Containing Coordinating Organic Functionalities. ACS Applied Materials & Interfaces, 2013, 5, 4120-4128.	8.0	20
70	The influence of the phase equilibria on the critical temperatures Tc of the high-Tc Biâ^'Srâ^'Caâ^'Cuâ^'O and Yâ^'Baâ^'Cuâ^'O compounds. Journal of Electronic Materials, 1993, 22, 1259-1262.	2.2	19
71	Thermal expansion behaviour of Sr- and Mg-doped LaGaO3 solid electrolyte. Journal of the European Ceramic Society, 2009, 29, 1463-1468.	5.7	19
72	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.	8.1	19

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73	The use of phase diagrams for the engineering of flux pinning centres in Bi2Sr2CaCu2O8 ceramics. Applied Superconductivity, 1995, 3, 289-301.	0.5	18
74	Photosensitive oxide semiconductors for solar hydrogen fuel and water disinfection. International Materials Reviews, 2014, 59, 449-478.	19.3	18
75	Influence of Film Stability and Aging of Plasma Polymerized Allylamine Coated Quartz Particles on Humic Acid Removal. ACS Applied Materials & Interfaces, 2013, 5, 7315-7322.	8.0	17
76	Silver Nanoparticles: Synthesis, Antimicrobial Coatings, and Applications for Medical Devices. Recent Patents on Materials Science, 2015, 8, 166-175.	0.5	17
77	Phase relations and homogeneity region of the hightemperature superconducting phase (Bi,Pb)2Sr2Ca2Cu3O10+d. Journal of Electronic Materials, 1995, 24, 1829-1834.	2.2	16
78	Fundamentals of the preparation of high-TC, superconducting (Bi,Pb)2+XSr2Ca2Cu3O10+?ceramics. Advanced Materials, 1996, 8, 762-765.	21.0	16
79	Engineered flux pinning centres in Pb-doped high temperature superconducting â€œBi2Sr2CaCu2O8â€• ceramics. Journal of Materials Science, 1996, 31, 2035-2042.	3.7	16
80	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.	4.7	16
81	Phaseâ€Ðiagram Studies in the La₂O₃â€“SrOâ€“CaOâ€“Mn₃O₄ System at 1200Â°C in Air. Journal of the American Ceramic Society, 2000, 83, 1513-1517.	3.8	15
82	Synthesis and characterisation of star polymer/silicon carbide nanocomposites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 434, 360-364.	5.6	15
83	Synthesis and reactivity study of gadolinia doped ceriaâ€“nickel: A potential anode material for solid oxide fuel cell. Journal of Alloys and Compounds, 2008, 455, 454-460.	5.5	15
84	Biomimetic hydroxyapatite coating on glass coverslips for the assay of osteoclast activity inÂvitro. Journal of Materials Science: Materials in Medicine, 2009, 20, 1467-1473.	3.6	15
85	The Single Phase Regions and the Phase Stability of the High-Tc Superconducting Compounds Bi2+x(Sr,Ca)3Cu2O8+d (2212) and Bi2â^'x(Sr,Ca)4Cu3O10+d (2223). Materials Research Society Symposia Proceedings, 1992, 275, 627.	0.1	14
86	Fabrication of amine-functionalized magnetite nanoparticles for water treatment processes. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	14
87	Phase equilibria in the system La2O3â€“SrOâ€“Mn3O4 in air. Solid State Sciences, 2001, 3, 1257-1259.	0.7	13
88	Magnetic phase transitions and structural deficiencies in superconducting Yî—¸Niî—¸Bî—¸C. Physica C: Superconductivity and Its Applications, 1997, 280, 43-51.	1.2	12
89	Synthesis and characterization of strontium and magnesium substituted lanthanum gallateâ€“nickel cermet anode for solid oxide fuel cells. Materials Chemistry and Physics, 2007, 102, 125-131.	4.0	12
90	Synthesis and characterization of gadolinia-doped ceriaâ€“silver cermet cathode material for solid oxide fuel cells. Materials Chemistry and Physics, 2008, 107, 370-376.	4.0	12

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91	Study of strontium- and magnesium-doped lanthanum gallate solid electrolyte surface by X-ray photoelectron spectroscopy. Materials Research Bulletin, 2008, 43, 1-8.	5.2	12
92	Removal of natural organic matter using self-assembled monolayer technology. Desalination and Water Treatment, 2009, 12, 344-351.	1.0	12
93	Surface properties and water treatment capacity of surface engineered silica coated with 3-(2-aminoethyl) aminopropyltrimethoxysilane. Applied Surface Science, 2012, 258, 2454-2458.	6.1	12
94	Optimization of Plasma Polymerized Ethylenediamine Film Chemistry on Quartz Particles. Plasma Processes and Polymers, 2013, 10, 619-626.	3.0	12
95	Water purification by functionalised self-assembled monolayers on silica particles. International Journal of Nanotechnology, 2008, 5, 291.	0.2	11
96	Preparation and superconductivity of (Bi,Pb,Cu)Sr2(RE,Ca)Cu2Od ceramics. Physica C: Superconductivity and Its Applications, 1995, 245, 301-307.	1.2	10
97	Processing effects on mechanical and superconducting properties of Bi2201 and Bi2212 glass ceramics. Physica C: Superconductivity and Its Applications, 1997, 275, 337-345.	1.2	10
98	Cu diffusion into Ag during BSCCO tape processing. Physica C: Superconductivity and Its Applications, 2001, 351, 62-66.	1.2	10
99	Phase relations study on the melting and crystallization regions of the Bi-2223 high temperature superconductor. Materials Research, 2004, 7, 393-408.	1.3	10
100	Phase Equilibria and Superconducting Properties of BiSr₂YCu₂O₇ (1212 Phase). Journal of the American Ceramic Society, 1999, 82, 197-202.	3.8	10
101	Thermal shock and thermal fatigue study of Sr- and Mg-doped lanthanum gallate. International Journal of Fatigue, 2006, 28, 237-242.	5.7	10
102	Novel titration method for surface-functionalised silica. Applied Surface Science, 2011, 257, 2576-2580.	6.1	10
103	Thermochemical and Experimental Kinetic Analysis of Potassium Extraction from Ultrapotassic Syenite Using Molten Chloride Salts. Industrial & Engineering Chemistry Research, 2019, 58, 7397-7407.	3.7	10
104	Increased pinning in â€œBi2Sr2CaCu2O8â€•ceramics. Applied Superconductivity, 1994, 2, 93-99.	0.5	9
105	Precipitation and pinning in Ca and Sr-Rich High-Tc superconducting â€œBi2Sr2CaCu2O8â€•ceramics. Journal of Electronic Materials, 1995, 24, 1937-1941.	2.2	9
106	Phase equilibria in the system Yî—¸Niî—¸Bî—¸C. Journal of Alloys and Compounds, 1997, 261, 242-249.	5.5	9
107	Study of the Solid State Reactions between (La,Sr)(Ga,Mg)O3 and (La,Sr)MnO3, (La,Ca)CrO3, and Ni. Materialwissenschaft Und Werkstofftechnik, 2002, 33, 348-354.	0.9	9
108	COOH-functionalisation of silica particles. Applied Surface Science, 2011, 257, 9282-9286.	6.1	9

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109	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.	3.1	9
110	Experimental Kinetic Analysis of Potassium Extraction from Ultrapotassic Syenite Using NaClâ€“CaCl‹sub›2‹/sub› Salt Mixture. ACS Omega, 2020, 5, 16421-16429.	3.5	9
111	EXAFS study of Biî—¸O bond lengths in â€œBi2Sr2CaCu2O8â€•high-Tc superconductor. Physica C: Superconductivity and Its Applications, 1994, 233, 415-422.	1.2	8
112	Variation of the surface charge of silica particles by functionalised self-assembled monolayers. Advanced Powder Technology, 2007, 18, 303-310.	4.1	8
113	Synthesis and Characterization of Srâ€•and Mgâ€Doped LaGaO‹sub›3‹/sub› Tapes. International Journal of Applied Ceramic Technology, 2009, 6, 249-256.	2.1	8
114	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.	2.1	8
115	Processing of high-temperature superconducting tapes. Advanced Materials, 1994, 6, 593-594.	21.0	7
116	Phase diagram studies in the systems La2O3â€“SrOâ€“Ga2O3 and La2O3â€“MgOâ€“Ga2O3 at 1400Â°C in air. Solid State Sciences, 2001, 3, 1343-1344.	0.7	7
117	Deposition of Silver and Gold Nanoparticles on Surface Engineered Silica Particles and Their Potential Applications. Journal of Nanoscience and Nanotechnology, 2012, 12, 8001-8007.	0.9	7
118	Removal of Acid Orange 7 Dye from Water Via Plasma-Polymerized Allylamine-Coated Quartz Particles. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	7
119	The influences of the Sr/Ca and Bi/Pb ratio upon the structural modulation of the Bi-2212 phase. Physica C: Superconductivity and Its Applications, 1996, 256, 345-352.	1.2	6
120	Diffusion of Cu into the Ag sheath of BPSCCO tapes. Physica C: Superconductivity and Its Applications, 1999, 325, 8-12.	1.2	6
121	The influence of Ag on Bi-2212 and Bi-2223. Physica C: Superconductivity and Its Applications, 2000, 341-348, 517-518.	1.2	6
122	Frictional Heating in Hip Implants â€“ A Review. Procedia Engineering, 2013, 56, 725-730.	1.2	6
123	Antibacterial Efficacy and Cytotoxicity of Silver Nanoparticle Based Coatings Facilitated by a Plasma Polymer Interlayer. Plasma Medicine, 2014, 4, 101-115.	0.6	6
124	Substrate Independent Approach for Immobilisation of Quaternary Ammonium Compounds to Surfaces to Reduce Bio-Burden. Materials Science Forum, 0, 783-786, 1389-1395.	0.3	6
125	Superparamagnetic Magnetite (Fe3O4) Nanoparticles for Bio-Applications. Recent Patents on Materials Science, 2008, 1, 116-127.	0.5	6
126	A holistic reverse logistics planning framework for end-of-life PV panel collection system design. Journal of Environmental Management, 2022, 317, 115331.	7.8	6

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127	The in-situ preparation of Bi2Sr2CaCu2O8 + Î´ films using the pulsed-laser deposition technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1992, 13, 49-52.	3.5	5
128	Pancake Vortex Pinning by Defects in Strongly Anisotropic High-Temperature Superconductors. Physica Status Solidi (B): Basic Research, 1994, 184, 417-421.	1.5	5
129	Flux line pinning by defects in highTc superconducting crystals. Crystal Research and Technology, 1994, 29, 1109-1118.	1.3	5
130	Phase relations and homogeneity region of Sr(Fe,Mo)O3 at 1200Â°C in air. Solid State Sciences, 2001, 3, 733-736.	0.7	5
131	The application of surface engineered silica for the treatment of sugar containing wastewater. Water Science and Technology, 2012, 65, 46-52.	2.5	5
132	New HTSCsâ€"still far below room temperature. Advanced Materials, 1993, 5, 862-864.	21.0	4
133	The Kinetic Energy of the Vortex and Pinning Force in Highâ€Temperature Superconductors. Physica Status Solidi (B): Basic Research, 1995, 187, K17.	1.5	4
134	Insights into the phase relationships involved in the Bi-2223 melting and crystallization regions. Physica C: Superconductivity and Its Applications, 2004, 408-410, 860-861.	1.2	4
135	Synthesis of strontium- and magnesium-doped lanthanum gallate by glycine-nitrate combustion method. Particuology: Science and Technology of Particles, 2006, 4, 9-12.	0.4	4
136	Preparation of monodisperse functionalised superparamagnetic nanoparticles. International Journal of Nanotechnology, 2007, 4, 523.	0.2	4
137	Cermet cathodes for strontium and magnesium-doped LaGaO3-based solid oxide fuel cells. Materials Chemistry and Physics, 2009, 114, 356-361.	4.0	4
138	LaGaO3-based cermet for solid oxide fuel cell cathodes. Journal of the European Ceramic Society, 2009, 29, 1469-1476.	5.7	4
139	Designing 1D grating for extraordinary optical transmission for TM polarization. Photonics and Nanostructures - Fundamentals and Applications, 2012, 10, 112-118.	2.0	4
140	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.	3.0	4
141	Interaction of functionalised surfaces on silica with dissolved metal cations in aqueous solutions. International Journal of Materials Research, 2006, 97, 784-788.	0.3	4
142	The influence of on the phase stability of Bi-2212. Superconductor Science and Technology, 1999, 12, 249-254.	3.5	3
143	Phase equilibria in the system Tl2O3î—¸BaOî—¸CaOî—¸CuOî—¸Ag. Physica C: Superconductivity and Its Applications, 2000, 341-348, 403-406.	1.2	3
144	Optimizing Humic Acid Removal by Modifying the Surface Chemistry of Plasma Polymerized Allylamine Coated Particles. Plasma Processes and Polymers, 2016, 13, 802-813.	3.0	3

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145	Sintering behaviour, mechanical properties and thermal shock resistance of alkaline earth doped lanthanum gallate. Powder Metallurgy, 2006, 49, 34-39.	1.7	2
146	Synthesis of gold particles at ionic liquidâ€“ethylene glycol interfaces. Gold Bulletin, 2018, 51, 185-195.	2.4	2
147	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.	3.7	2
148	Superparamagnetic Magnetite (Fe3O4) Nanoparticles for Bio-Applications. Recent Patents on Materials Science, 2010, 1, 116-127.	0.5	2
149	Flux pinning by columnar defects in Bi2Sr2CaCu2O8+d single crystals and annealing effects. Nuclear Instruments & Methods in Physics Research B, 1998, 146, 577-580.	1.4	1
150	Electron probe microanalysis and magnetic characterization of compounds of the system Y-Ni-B-C. Fresenius' Journal of Analytical Chemistry, 1998, 361, 682-684.	1.5	1
151	Chemical Synthesis of Pure and Doped LaGaO3 Powders of Oxide Fuel Cells by Amorphous Citrate/EG Method. Materials Research Society Symposia Proceedings, 1999, 606, 237.	0.1	1
152	Removal of pathogens by functionalised self-assembled monolayers. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 93-100.	1.4	1
153	Plasma-Sprayed Strontium- and Magnesium-Doped Lanthanum Gallate Ceramics. International Journal of Applied Ceramic Technology, 2011, 8, 1436-1443.	2.1	1
154	LaGaO‹sub›3‹/sub›â€“Ag cermet for intermediate temperature solid oxide fuel cell cathodes. Advances in Applied Ceramics, 2012, 111, 99-105.	1.1	1
155	Development of hydrophobic silica powders using plasma polymerization technology. , 2012, , .		1
156	Fabrication of amine-functionalized magnetite nanoparticles for water treatment processes. , 2012, , 137-147.		1
157	Transmission and reflection through 1D metallo-dielectric gratings of real metals under sub-wavelength condition. Optics Communications, 2013, 286, 378-382.	2.1	1
158	A facile approach to fabricate elastomer/graphene platelets nanocomposites. , 2013, , .		1
159	Aniodic TiO₂ Nanotubes Synthesis and Applications. Recent Patents on Materials Science, 2014, 7, 1-7.	0.5	1
160	5. Surface-engineered silica via plasma polymer deposition. , 2017, , 99-112.		1
161	Phase Equilibrium Diagrams of the Binary Systems LaMnO3-SrMnO3 and LaMnO3-CaMnO3. Materials Research Society Symposia Proceedings, 1999, 602, 327.	0.1	0
162	Mesoporous Transition Metal Oxide Ceramics. , 2014, , 839-869.		0

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163	Superconducting Materials. , 2021, , 151-161.		0
164	Interaction of functionalised surfaces on silica with dissolved metal cations in aqueous solutions. International Journal of Materials Research, 2022, 97, 784-788.	0.3	0