Seiichi Watanabe

List of Publications by Year
in descending order

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141 papers	1,940 citations	331670 21 h-index	330143 37 g-index
142 all docs	142 docs citations	142 times ranked	1907 citing authors

#	Article	IF	Citations
1	Photo- & radio-chromic iron-doped tungstic acids fabricated via submerged photosynthesis. Optical Materials, 2022, 124, 111966.	3.6	5
2	The origin of opto-functional enhancement in ZnO/CuO nanoforest structure fabricated by submerged photosynthesis. Applied Materials Today, 2022, 26, 101359.	4.3	8
3	Fabrication of color-toned micro/nanopattern surface by submerged photosynthesis method. Microelectronic Engineering, 2022, 256, 111727.	2.4	0
4	Mesoporous single crystal titanium oxide microparticles for enhanced visible light photodegradation. Optical Materials, 2022, 127, 112297.	3.6	6
5	Solution Plasma-Synthesized Black TiO₂ Nanoparticles for Solarâ€“Thermal Water Evaporation. ACS Applied Nano Materials, 2021, 4, 3940-3948.	5.0	25
6	Facile synthesis of ZnFe2O4/SnO2 composites for efficient photocatalytic degradation of methylene blue. Materials Chemistry and Physics, 2021, 262, 124273.	4.0	18
7	Molten salt-assisted shape modification of CaFe2O4 nanorods for highly efficient photocatalytic degradation of methylene blue. Optical Materials, 2021, 119, 111295.	3.6	16
8	Selective fabrication of tungsten nano-oxides via submerged photosynthesis with hydrogen peroxide for chromic device application. Materials Letters, 2021, 302, 130344.	2.6	5
9	Visualization of aquaionic splitting via iron corrosion. Scientific Reports, 2020, 10, 1726.	3.3	4
10	Synthesis of yellow persistent phosphor garnet by mixed fuel solution combustion synthesis and its characteristic. Journal of Physics and Chemistry of Solids, 2020, 142, 109436.	4.0	9
11	Light and Shadow Effects in the Submerged Photolytic Synthesis of Micropatterned CuO Nanoflowers and ZnO Nanorods as Optoelectronic Surfaces. ACS Applied Nano Materials, 2020, 3, 1783-1791.	5.0	5
12	Fabrication of Iron Oxide Nanoparticles via Submerged Photosynthesis and the Morphologies under Different Light Sources. ISIJ International, 2019, 59, 2352-2358.	1.4	5
13	Luminescence properties of ZnO-M heterostructures fabricated by galvanic-submerged photosynthesis of crystallites. Applied Surface Science, 2019, 489, 269-277.	6.1	11
14	Galvanic-submerged photosynthesis of crystallites: Fabrication of ZnO nanorods@ Cu-surface. Applied Surface Science, 2019, 489, 313-320.	6.1	12
15	In-situ visualizing atomic structural evolution during crystallization in ternary Zr Cu Al bulk metallic glasses. Intermetallics, 2019, 105, 173-178.	3.9	10
16	Mechanical and corrosion properties of CoCrFeNiTi-based high-entropy alloy additive manufactured using selective laser melting. Additive Manufacturing, 2019, 25, 412-420.	3.0	54
17	Advanced Characterization Nanotechnology Platform of Nanotechnology Platform Japan Program in Hokkaido University. Materia Japan, 2019, 58, 758-762.	0.1	0
18	Photochemistry and the role of light during the submerged photosynthesis of zinc oxide nanorods. Scientific Reports, 2018, 8, 177.	3.3	19

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19	Design of a patterned nanostructure array using a nanosecond pulsed laser. AIP Advances, 2018, 8, 045122.	1.3	2
20	3D Nanoporous Gold with Very Low Parting Limit Derived from Auâ€Based Metallic Glass and Enhanced Methanol Electroâ€oxidation Catalytic Performance Induced by Metal Migration. ChemNanoMat, 2018, 4, 88-97.	2.8	8
21	Evolution of 3D nanoporosity and morphology in selectively dealloying ternary Au₅₅Cu₂₅Si₂₀ metallic glass ribbon with enhanced alcohol electro-oxidation performance. Nanoscale, 2018, 10, 18846-18856.	5.6	13
22	Formation of Stainless Steel Nanoballs via Submerged Glow-discharge Plasma and their Microstructural Analysis with Evaluation of Photocatalytic Activity. ISIJ International, 2018, 58, 1162-1167.	1.4	2
23	Atmospherically sintered copper-base alloy application film with self-assembled barrier layer on silicon substrate for silicon photovoltaics. Journal of Alloys and Compounds, 2018, 757, 333-339.	5.5	6
24	Ion beam surface nanostructuring of noble metal films with localized surface plasmon excitation. Current Opinion in Solid State and Materials Science, 2017, 21, 177-188.	11.5	5
25	Effect of laser and/or electron beam irradiation on void swelling in SUS316L austenitic stainless steel. Journal of Nuclear Materials, 2017, 488, 215-221.	2.7	6
26	Tuning Optoelectrical Properties of ZnO Nanorods with Excitonic Defects via Submerged Illumination. Nano Letters, 2017, 17, 2088-2093.	9.1	51
27	Formation of CuO nano-flowered surfaces via submerged photo-synthesis of crystallites and their antimicrobial activity. Scientific Reports, 2017, 7, 1063.	3.3	49
28	In situ direct observation of photocorrosion in ZnO crystals in ionic liquid using a laser-equipped high-voltage electron microscope. AIP Advances, 2017, 7, .	1.3	24
29	Transformation in ironâ€“platinum thin film via nanosecond pulsed laser irradiation. Journal of Physics and Chemistry of Solids, 2017, 109, 46-49.	4.0	1
30	Plasmonic surface nanostructuring of Au-dots@SiO2via laser-irradiation induced dewetting. Nanotechnology, 2017, 28, 275701.	2.6	4
31	Hidden amorphous phase and reentrant supercooled liquid in Pd-Ni-P metallic glasses. Nature Communications, 2017, 8, 14679.	12.8	109
32	A reaction mechanism of atmospheric sintering for copperâ€“phosphorus alloy electrode. Journal of Alloys and Compounds, 2017, 695, 3353-3359.	5.5	3
33	CoCrFeNiTi-based high-entropy alloy with superior tensile strength and corrosion resistance achieved by a combination of additive manufacturing using selective electron beam melting and solution treatment. Materials Letters, 2017, 189, 148-151.	2.6	130
34	In-situ observation of self-assembly of quasi-two-dimensional Au nano-submicron particles on Î² -SiC substrates via nanosecond-pulsed laser irradiation-induced dewetting of thin Au films. Materials Letters, 2016, 164, 202-205.	2.6	5
35	Photophysical properties of luminescent silicon nanoparticles surface-modified with organic molecules via hydrosilylation. Photochemical and Photobiological Sciences, 2016, 15, 99-104.	2.9	10
36	Anisotropic surroundings effects on photo absorption of partially embedded Au nanospheroids in silica glass substrate. AIP Advances, 2015, 5, .	1.3	3

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37	Synthesis of stainless steel nanoballs via submerged glow-discharge plasma and its photocatalytic performance in methylene blue decomposition. Journal of Experimental Nanoscience, 2015, 10, 965-982.	2.4	12
38	Wavelength-dependent magnetic transitions of self-organized ironâ€“aluminum stripes induced by pulsed laser irradiation. Journal of Applied Physics, 2015, 117, .	2.5	2
39	A pathway of nanocrystallite fabrication by photo-assisted growth in pure water. Scientific Reports, 2015, 5, 11429.	3.3	21
40	Effect of Glass Frits Amount on Atmospheric Sintering Behavior and Characteristics of Electrode Produced by Copperâ€“Phosphorus Alloy. IEEE Journal of Photovoltaics, 2015, 5, 1325-1334.	2.5	3
41	Effects of ion and nanosecond-pulsed laser co-irradiation on the surface nanostructure of Au thin films on SiO2 glass substrates. Journal of Applied Physics, 2014, 115, .	2.5	3
42	Effects of nanosecond-pulsed laser irradiation on nanostructure formation on the surface of thin Au films on SiO2 glass substrates. Applied Surface Science, 2014, 289, 274-280.	6.1	19
43	Nanosecond pulsed laser induced self-organized nano-dots patterns on GaSb surface. Applied Surface Science, 2014, 307, 24-27.	6.1	6
44	Magnetic properties on the surface of FeAl stripes induced by nanosecond pulsed laser irradiation. Journal of Applied Physics, 2014, 115, 17B901.	2.5	5
45	Ion irradiation technique for electron microscopy. Keikinzoku/Journal of Japan Institute of Light Metals, 2014, 64, 654-662.	0.4	0
46	Shift of localized surface plasmon resonance by Ar-ion irradiation of Agâ€“Au bimetallic films deposited on Al2O3 single crystals. Nuclear Instruments & Methods in Physics Research B, 2013, 314, 112-116.	1.4	9
47	Microstructure analysis of ion beam-induced surface nanostructuring of thin Au film deposited on SiO2 glass. Journal of Materials Science, 2013, 48, 920-928.	3.7	21
48	Dislocation loop formation under various irradiations of laser and/or electron beams. Acta Materialia, 2013, 61, 2966-2972.	7.9	13
49	Radiation-induced segregation and corrosion behavior on Î£3 coincidence site lattice and random grain boundaries in proton-irradiated type-316L austenitic stainless steel. Journal of Nuclear Materials, 2013, 434, 65-71.	2.7	37
50	Surface cracking on Î£3, Î£9 CSL and random grain boundaries in helium implanted 316L austenitic stainless steel. Journal of Nuclear Materials, 2013, 432, 23-27.	2.7	31
51	Enhanced Magnetoâ€optical Properties of Semiconductor EuS Nanocrystals Assisted by Surface Plasmon Resonance of Gold Nanoparticles. Chemistry - A European Journal, 2013, 19, 14438-14445.	3.3	14
52	Fabrication of Nanoparticles by Electric Discharge Plasma in Liquid. Archives of Metallurgy and Materials, 2013, 58, 425-429.	0.6	14
53	Ion irradiation synthesis of Agâ€“Au bimetallic nanospheroids in SiO2 glass substrate with tunable surface plasmon resonance frequency. Journal of Applied Physics, 2013, 114, .	2.5	14
54	Nanopatterns induced by pulsed laser irradiation on the surface of an Fe-Al alloy and their magnetic properties. Applied Physics Letters, 2013, 102, .	3.3	12

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55	The Irradiation Effect of a Simultaneous Laser and Electron Dual-beam on Void Formation. Scientific Reports, 2013, 3, 1201.	3.3	7
56	Development of advanced materials for spallation neutron sources and radiation damage simulation based on multi-scale models. Journal of Nuclear Materials, 2012, 431, 16-25.	2.7	12
57	Corrosionâ€“erosion test of SS316L grain boundary engineering material (GBEM) in lead bismuth flowing loop. Journal of Nuclear Materials, 2012, 431, 91-96.	2.7	22
58	EELS and <I>Ab-Initio</I> Study of Faceted CSL Boundary in Silicon. Materials Transactions, 2011, 52, 276-279.	1.2	7
59	Dislocation Loop Formation and Growth under In Situ Laser and/or Electron Irradiation. Scientific Reports, 2011, 1, 190.	3.3	19
60	In-situ Observation of Fracture Behavior on Nano Structure in NITE SiC/SiC Composite by HVEM. IOP Conference Series: Materials Science and Engineering, 2011, 18, 162013.	0.6	4
61	Self-Organized Two-DimensionalVidro-NanodotArray on Laser-Irradiated Si Surface. Applied Physics Express, 2011, 4, 055202.	2.4	10
62	Micro-chemical analysis of diffusion bonded Wâ€“SiC joint. Journal of Nuclear Materials, 2011, 417, 391-394.	2.7	9
63	Formation of sphalerite and wurtzite ZnO in Pdâ€“Zn alloy after internal oxidation at elevated temperatures. Journal of Materials Science, 2011, 46, 4568-4573.	3.7	3
64	In situ transmission electron microscopy observation of the decomposition of MgH2 nanofiber. International Journal of Hydrogen Energy, 2011, 36, 3600-3605.	7.1	28
65	Grain boundary engineering of austenitic steel PNC316 for use in nuclear reactors. Journal of Nuclear Materials, 2011, 414, 232-236.	2.7	30
66	Fabrication of a Au/Si nanocomposite structure by nanosecond pulsed laser irradiation. Nanotechnology, 2011, 22, 375607.	2.6	18
67	Mechanical properties and microstructural stability of 11Cr-ferritic/martensitic steel cladding under irradiation. Journal of Nuclear Materials, 2010, 398, 59-63.	2.7	11
68	Effect of hydrogen ion/electron dual-beam irradiation on microstructural damage of a 12Cr-ODS ferrite steel. Journal of Nuclear Materials, 2010, 398, 81-86.	2.7	14
69	In situ observation of self-organizing nanodot formation under nanosecond-pulsed laser irradiation on Si surface. Journal of Applied Physics, 2010, 108, .	2.5	31
70	Size-Controlled Ni Nanoparticles Formation by Solution Glow Discharge. Journal of the Physical Society of Japan, 2010, 79, 083501.	1.6	21
71	Microstructure and analysis of oxide scales formed on Crâ€“Siâ€“Ni compacts in air and H2O-containing atmosphere. Corrosion Science, 2010, 52, 2098-2103.	6.6	10
72	Fabrication of Dot-like Nano-protrusions on Silicon Surfaces Using Nanosecond Pulse Nd:YAG Laser Irradiation. Transactions of the Japan Institute of Electronics Packaging, 2010, 3, 57-61.	0.4	2

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73	Thermal Stability of Microstructure in Grain Boundary Character Distribution-Optimized and Cold-Worked Austenitic Stainless Steel Developed for Nuclear Reactor Application. Materials Research Society Symposia Proceedings, 2009, 1215, 1.	0.1	0
74	Present status of study on development of materials resistant to radiation and beam impact. Journal of Nuclear Materials, 2008, 377, 21-27.	2.7	14
75	Microstructural development in a model austenitic alloy following electron and ion irradiation. Journal of Nuclear Materials, 2008, 382, 197-202.	2.7	8
76	A HRTEM and EELS study of Pd/ZnO polar interfaces. Philosophical Magazine, 2008, 88, 1493-1509.	1.6	8
77	Numerical Simulation of Solidified Structure Formation of Al-Si Alloy Casting Using Cellular Automaton Method. Materials Science Forum, 2008, 575-578, 154-163.	0.3	2
78	Ion Implantation Induced Martensite Nucleation in SUS301 Steel. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2008, 72, 631-636.	0.4	2
79	Atomic Structure of Faceted Î£3 CSL Grain Boundary in Silicon: HRTEM and Ab-Initio Calculation. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2008, 72, 886-891.	0.4	1
80	Effect of growth rate on microstructure and microstructure evolution of directionally solidified Nb-Si alloys. Materials Research Society Symposia Proceedings, 2008, 1128, 53801.	0.1	1
81	Fabrication of Quantum Structure Utilizing CSL Boundary by Ion Implantation. Materia Japan, 2008, 47, 638-638.	0.1	0
82	Controlled formation of metallic nanoballs during plasma electrolysis. Applied Physics Letters, 2007, 91, .	3.3	86
83	Ion Implantation Induced Martensite Nucleation in SUS301 Steel. Materials Transactions, 2007, 48, 924-930.	1.2	4
84	Atomic Structure of Faceted Σ3 CSL Grain Boundary in Silicon: HRTEM and <I>Ab-initio</I> Calculation. Materials Transactions, 2007, 48, 2585-2589.	1.2	36
85	Effects of Fast Reactor Irradiation Conditions on Tensile and Transient Burst Properties of Ferritic/Martensitic Steel Claddings. Journal of Nuclear Science and Technology, 2007, 44, 1535-1542.	1.3	13
86	Effects of Fast Reactor Irradiation Conditions on Tensile and Transient Burst Properties of Ferritic/Martensitic Steel Claddings. Journal of Nuclear Science and Technology, 2007, 44, 1535-1542.	1.3	3
87	Radiation-Induced Glass Transition and Structural Fluctuation in NiTi Metallic Glass System. AIP Conference Proceedings, 2006, , .	0.4	0
88	Dynamic and static hydrogen effects on mechanical properties in Vanadium alloys. AIP Conference Proceedings, 2006, , .	0.4	1
89	A new model for radiation-induced grain boundary segregation with grain boundary movement in concentrated alloy system. Journal of Materials Science, 2005, 40, 889-893.	3.7	19
90	Synergistic effect of helium and hydrogen for defect evolution under multi-ion irradiation of Feâ€“Cr ferritic alloys. Journal of Nuclear Materials, 2004, 329-333, 294-298.	2.7	117

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91	Effect of alloying elements and neutron-irradiation on hydrogen behavior in V alloys. Journal of Nuclear Materials, 2004, 329-333, 481-485.	2.7	11
92	Dynamic and static hydrogen effects on mechanical properties in pure vanadium. Journal of Nuclear Materials, 2004, 329-333, 477-480.	2.7	11
93	A multi-scale approach to radiation-induced segregation at various grain boundaries. Journal of Nuclear Materials, 2004, 329-333, 1166-1169.	2.7	26
94	Metastable Defect Cluster Formation during Radiation-Induced Amorphization in NiTi. Materials Transactions, 2004, 45, 24-28.	1.2	7
95	Detection of Radiation-Enhanced Diffusion by Means of Neutron-Irradiated Diffusion Couples of Fe-Cr-Ni System. , 2004, , 516-525.		1
96	Precipitation and Amorphization in Boron Carbide Irradiated by High Energy Helium Ions. , 2004, , 670-679.		1
97	Non-equilibrium local phase formation by high-speed deformation in NiTi. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 350, 145-149.	5.6	1
98	Temporal Fluctuation and Its Power Law in the Crystalline-To-Glass Transition During Electron Irradiation. Philosophical Magazine, 2003, 83, 2599-2619.	1.6	7
99	Nanostructural Fluctuation in Radiation-Amorphized Alloys. Materials Research Society Symposia Proceedings, 2003, 792, 515.	0.1	0
100	Atomistic observation and simulation analysis of spatio-temporal fluctuations during radiation-induced amorphization. Journal of Electron Microscopy, 2003, 52, 33-40.	0.9	4
101	Effect of Surface Modification by Ion Implantation on Hydrogenation Property of TiFe Alloy. Materials Transactions, 2002, 43, 2703-2705.	1.2	20
102	Electron-Irradiation-Induced Amorphization in Mo/Si Nano-Multilayer Material. Materials Transactions, 2002, 43, 650-653.	1.2	1
103	Dynamical Study of Spatio-Temporal Structural Fluctuations in the Intermetallic Compound Nickel-Titanium during Radiation-Induced Crystalline-to-Amorphous Transformation. Materials Transactions, 2002, 43, 1716-1718.	1.2	5
104	Improvement of Corrosion Resistance and Structural Change in 304 Stainless Steel by means of Ion-Mixing. Materials Transactions, 2002, 43, 638-640.	1.2	0
105	Atomistic Analysis of Stress-induced Local Amorphization in NiTi Alloy. Radiation Effects and Defects in Solids, 2002, 157, 101-108.	1.2	5
106	Boundary Structure of Mo/Si Multilayers for Soft X-Ray Mirrors. Japanese Journal of Applied Physics, 2002, 41, 3052-3056.	1.5	11
107	Hydride formation and fracture of vanadium alloys. Journal of Nuclear Materials, 2002, 307-311, 625-629.	2.7	10
108	Atomistic study of structural fluctuations during radiation-induced amorphization in the ordered intermetallic compound NiTi. Philosophical Magazine Letters, 2001, 81, 789-794.	1.2	12

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109	Heterogeneous dislocation formation and solute redistribution near grain boundaries in austenitic stainless steel under electron irradiation. Acta Materialia, 2001, 49, 1129-1137.	7.9	20
110	Effect of mechanical alloying parameters on irradiation damage in oxide dispersion strengthened ferritic steels. Journal of Nuclear Materials, 2000, 283-287, 647-651.	2.7	25
111	Sink effect of grain boundary on radiation-induced segregation in austenitic stainless steel. Journal of Nuclear Materials, 2000, 283-287, 152-156.	2.7	74
112	Misorientation dependence of grain boundary segregation under electron irradiation in an austenitic stainless steel. European Physical Journal Special Topics, 2000, 10, Pr6-173-Pr6-178.	0.2	1
113	Effect of Ion-Irradiation on Phase Transformation in TiNi Shape Memory Alloys. , 2000, , 1147-1158.		1
114	Defect-flow-induced heterogeneous dislocation formation and solute redistribution near a grain boundary in austenitic stainless steel under electron irradiation. Journal of Nuclear Materials, 1999, 271-272, 184-188.	2.7	1
115	Effect of additional minor element on radiation-induced grain boundary segregation in austenitic stainless steel under electron irradiation. Nuclear Instruments & Methods in Physics Research B, 1999, 153, 142-146.	1.4	15
116	Nano-crystalline formation during stress-induced amorphization at crack tips in TiNi. Journal of Electron Microscopy, 1999, 48, 613-616.	0.9	8
117	Formation and Stability of Metallic Silicides during Ion-Beam-Mixing in the Systems of Mo/Si and Ti/Si. Materials Transactions, JIM, 1999, 40, 408-411.	0.9	1
118	Material Factors in the Decrepitation of Hydrogen Storage Alloys. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1999, 63, 601-604.	0.4	6
119	Behavior of Fe-Cr-Ni-xP-yTi Alloys under Electron/He Ion Dual Beam Irradiation. , 1999, , 701-709.		0
120	Deformation-induced Amorphization of Crack Tip in NiTi Alloy. Materia Japan, 1998, 37, 372-372.	0.1	0
121	Measurement of Radiation-Induced Segregation by Means of FE-TEM. Materia Japan, 1998, 37, 378-378.	0.1	0
122	On the mechanism of radiation-induced segregation. Journal of Nuclear Materials, 1997, 240, 251-253.	2.7	14
123	Effect of additional minor elements on void nucleation in stainless steels during simultaneous irradiation with helium ions and electrons. Journal of Nuclear Materials, 1996, 233-237, 177-182.	2.7	2
124	Radiation-induced segregation at grain boundary in Feî—¸Crî—¸Ni alloy system: effect of temperature variation. Journal of Nuclear Materials, 1996, 239, 200-204.	2.7	6
125	Effect of Ni and Cr concentration on grain boundary segregation in Feî—¸Crî—¸Ni alloys. Journal of Nuclear Materials, 1996, 239, 205-209.	2.7	8
126	Radiation-induced segregation accompanied by grain boundary migration in austenitic stainless steel. Journal of Nuclear Materials, 1996, 232, 113-118.	2.7	19

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127	A computational study of dislocation evolution and radiation-induced segregation at a grain boundary. Journal of Nuclear Materials, 1996, 239, 176-179.	2.7	3
128	Theoretical and Experimental Studies of Irradiation-Induced Grain Boundary Migration Depending on Orientation. Materials Science Forum, 1996, 207-209, 561-564.	0.3	2
129	Theoretical prediction and direct observation of dislocation-free zone formation near a grain boundary in austenitic stainless steel under electron irradiation. Philosophical Magazine Letters, 1996, 74, 351-356.	1.2	6
130	Quantitative studies of irradiation-induced segregation and grain boundary migration in FeCrNi alloy. Journal of Nuclear Materials, 1995, 224, 158-168.	2.7	47
131	Concentration dependence of radiation-induced segregation in FeCrNi alloy. Journal of Nuclear Materials, 1995, 226, 330-331.	2.7	8
132	Defect-flow-induced grain boundary migration with segregation under electron irradiation. Ultramicroscopy, 1994, 56, 193-199.	1.9	10
133	Effect of He on void formation and radiation-induced segregation in dual-beam irradiated Fe-Cr-Ni. Journal of Nuclear Materials, 1994, 212-215, 330-335.	2.7	16
134	Discriminant of RIS in multi-component alloys. Journal of Nuclear Materials, 1994, 208, 191-194.	2.7	27
135	On the ã€˜110ã€‰ cylindrical fermi surface and the anisotropic cyclotron resonance peak in lead. Journal of Physics and Chemistry of Solids, 1993, 54, 325-329.	4.0	1
136	Relationship between superconductivity and band structures of electrons and phonons. Journal of Superconductivity and Novel Magnetism, 1993, 6, 75-79.	0.5	5
137	Theory of superconductivity. 3. 2D conduction bands for high Tc. Bose-Einstein condensation transition of the third order. Journal of Superconductivity and Novel Magnetism, 1992, 5, 219-237.	0.5	13
138	On the angular dependence of the cyclotron resonance peaks in lead. Journal of Physics and Chemistry of Solids, 1991, 52, 985-989.	4.0	8
139	On the Orientation Dependence of the Cyclotron Resonance Peaks for Holes in Ge and Si. Physica Status Solidi (B): Basic Research, 1990, 158, K69.	1.5	3
140	Theory of the anisotropies in the cyclotron resonance peaks for electrons in Ge based on hexagonal orbitals. Solid State Communications, 1989, 72, 581-583.	1.9	2
141	On the conductance of a lattice-like network. Journal of Physics and Chemistry of Solids, 1989, 50, 27-31.	4.0	3