Yong-Chae Chung

List of Publications by Year
in descending order

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141 papers	3,273 citations	172457 29 h-index	168389 53 g-index
142 all docs	142 docs citations	142 times ranked	4768 citing authors

#	Article	IF	Citations
1	Heterostructural phase diagram of Ga2O3â€“based solid solution with Al2O3. Journal of the European Ceramic Society, 2021, 41, 611-616.	5.7	19
2	Defect structures of sodium and chloride co-substituted hydroxyapatite and its osseointegration capacity. Journal of Materials Science, 2021, 56, 5493-5508.	3.7	4
3	Poly(fluorenyl aryl piperidinium) membranes and ionomers for anion exchange membrane fuel cells. Nature Communications, 2021, 12, 2367.	12.8	193
4	Theoretical Approach toward Optimum Anion-Doping on MXene Catalysts for Hydrogen Evolution Reaction: an Ab Initio Thermodynamics Study. ACS Applied Materials & Interfaces, 2021, 13, 37035-37043.	8.0	17
5	Theoretical dopant screening and processing optimization for vanadium disulfide as cathode material for Li-air batteries: A density functional theory study. Applied Surface Science, 2020, 508, 145276.	6.1	8
6	Functionalized Sulfide Solid Electrolyte with Air-Stable and Chemical-Resistant Oxysulfide Nanolayer for All-Solid-State Batteries. ACS Omega, 2020, 5, 26015-26022.	3.5	58
7	Enhancement of the quantum capacitances of group-14 elemental two-dimensional materials by Ti-doping: A first principles study. Applied Surface Science, 2020, 530, 147301.	6.1	8
8	Effect of N-cyclic cationic groups in poly(phenylene oxide)-based catalyst ionomer membranes for anion exchange membrane fuel cells. Journal of Membrane Science, 2020, 608, 118183.	8.2	32
9	Boosting oxygen evolution reaction of transition metal layered double hydroxide by metalloid incorporation. Nano Energy, 2020, 75, 104945.	16.0	47
10	Manipulatable Interface Electric Field and Charge Transfer in a 2D/2D Heterojunction Photocatalyst via Oxygen Intercalation. Catalysts, 2020, 10, 469.	3.5	5
11	Polarized Electronic Configuration in Transition Metalâ€“Fluoride Oxide Hollow Nanoprism for Highly Efficient and Robust Water Splitting. ACS Applied Energy Materials, 2019, 2, 3999-4007.	5.1	24
12	Electronically Doubleâ€Layered Metal Boride Hollow Nanoprism as an Excellent and Robust Water Oxidation Electrocatalysts. Advanced Energy Materials, 2019, 9, 1803799.	19.5	74
13	Elucidating the unintentional p-type nature of spinel Co3O4: A defect study using ab-initio calculation. Journal of the European Ceramic Society, 2018, 38, 629-635.	5.7	10
14	Non-uniformly functionalized titanium carbide-based MXenes as an anchoring material for Li-S batteries: A first-principles calculation. Applied Surface Science, 2018, 435, 210-215.	6.1	51
15	Investigation of the initial reactions of lithium oxides on the graphitic carbon nitrides (g-C3N4) for catalyst in non-aqueous lithium - air batteries: A first-principles calculations. Thin Solid Films, 2018, 660, 186-190.	1.8	6
16	Understanding the anchoring behavior of titanium carbide-based MXenes depending on the functional group in Li S batteries: A density functional theory study. Journal of Power Sources, 2017, 342, 64-69.	7.8	135
17	Effect of lithium-trapping on nitrogen-doped graphene as an anchoring material for lithiumâ€“sulfur batteries: a density functional theory study. Physical Chemistry Chemical Physics, 2017, 19, 28189-28194.	2.8	56
18	Flexible highly-effective energy harvester via crystallographic and computational control of nanointerfacial morphotropic piezoelectric thin film. Nano Research, 2017, 10, 437-455.	10.4	86

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19	Graphene Monoxide Bilayer As a High-Performance on/off Switching Media for Nanoelectronics. ACS Applied Materials & Interfaces, 2016, 8, 10477-10482.	8.0	10
20	Functionalization effect on a Pt/carbon nanotube composite catalyst: a first-principles study. Physical Chemistry Chemical Physics, 2016, 18, 22687-22692.	2.8	13
21	Structural stability and electronic properties of multi-functionalized two-dimensional chromium carbides. Thin Solid Films, 2016, 619, 131-136.	1.8	33
22	Band engineering in a van der Waals heterostructure using a 2D polar material and a capping layer. Scientific Reports, 2016, 6, 27986.	3.3	5
23	Cathode reaction mechanism on the h-BN/Ni (111) heterostructure for the lithium-oxygen battery. Journal of Power Sources, 2016, 307, 379-384.	7.8	18
24	Oxygen transport in epitaxial La0.875Sr0.125CoO3-Î´ thin-film cathodes for solid oxide fuel cells: Roles of anisotropic strain. Scripta Materialia, 2016, 115, 141-144.	5.2	4
25	Surface structure effect on the magnetic anisotropy of Co/Pd (001) thin film: A first principles study. Thin Solid Films, 2015, 589, 252-257.	1.8	2
26	Greatly improved electrochemical performance of lithiumâ€“oxygen batteries with a bimetallic platinumâ€“copper alloy catalyst. Journal of Power Sources, 2015, 288, 296-301.	7.8	49
27	Achieving Type I, II, and III Heterojunctions Using Functionalized MXene. ACS Applied Materials & Interfaces, 2015, 7, 7163-7169.	8.0	120
28	Effective catalytic media using graphitic nitrogen-doped site in graphene for a non-aqueous Liâ€“O2 battery: A density functional theory study. Journal of Power Sources, 2015, 277, 222-227.	7.8	44
29	Carbon-free and two-dimensional cathode structure based on silicene for lithiumâ€“oxygen batteries: A first-principles calculation. Journal of Power Sources, 2015, 275, 32-37.	7.8	37
30	Electronic Properties of Transitionâ€Metalâ€Decorated Silicene. ChemPhysChem, 2014, 15, 4095-4099.	2.1	15
31	Achieving a direct band gap in oxygen functionalized-monolayer scandium carbide by applying an electric field. Physical Chemistry Chemical Physics, 2014, 16, 26273-26278.	2.8	82
32	Lattice-strain effect on oxygen vacancy formation in gadolinium-doped ceria. Journal of Electroceramics, 2014, 32, 72-77.	2.0	24
33	Electric field as a novel switch for magnetization of Fe/graphene system. Journal of Magnetism and Magnetic Materials, 2014, 362, 93-96.	2.3	11
34	Defect-induced semiconductor to metal transition in graphene monoxide. Physical Chemistry Chemical Physics, 2014, 16, 13477-13482.	2.8	12
35	Tunable Indirect to Direct Band Gap Transition of Monolayer Sc₂CO₂ by the Strain Effect. ACS Applied Materials & Interfaces, 2014, 6, 14724-14728.	8.0	175
36	Strain-Controllable Magnetism in Co Decorated Pyridinic N-Doped Graphene. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	3

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37	Hydrogen storage in Li dispersed graphene with Stoneâ€“Wales defects: A first-principles study. International Journal of Hydrogen Energy, 2014, 39, 13189-13194.	7.1	50
38	Modulating magnetic characteristics of Pt embedded graphene by gas adsorption (N2, O2, NO2, SO2). Applied Surface Science, 2014, 289, 445-449.	6.1	103
39	Comparative study of metal atom adsorption on free-standing h-BN and h-BN/Ni (111) surfaces. Applied Surface Science, 2014, 299, 29-34.	6.1	36
40	Spin-polarized bandgap of graphene induced by alternative chemisorption with MgO (1 1 1) substrate. Carbon, 2014, 77, 208-214.	10.3	9
41	Geometric and magnetic properties of Co adatom decorated nitrogen-doped graphene. Journal of Applied Physics, 2013, 113, .	2.5	11
42	Bandgap engineering of graphene by corrugation on lattice-mismatched MgO (111). Journal of Materials Chemistry C, 2013, 1, 1595.	5.5	25
43	Lithium Adsorption on Hexagonal Boron Nitride Nanosheet Using Dispersion-Corrected Density Functional Theory Calculations. Japanese Journal of Applied Physics, 2013, 52, 06GG08.	1.5	20
44	Strain effects on hydrogen storage in Ti decorated pyridinic N-doped graphene. Physical Chemistry Chemical Physics, 2013, 15, 12757.	2.8	14
45	Effects of suboxide layers on the electronic properties of Si(100)/SiO2 interfaces: Atomistic multi-scale approach. Journal of Applied Physics, 2013, 113, .	2.5	13
46	Work function tuning of an ultrathin MgO film on an Ag substrate by generating oxygen impurities at the interface. Thin Solid Films, 2013, 544, 541-544.	1.8	10
47	Nitrogen-tuned bonding mechanism of Li and Ti adatom embedded graphene. Journal of Solid State Chemistry, 2013, 205, 160-164.	2.9	7
48	Effect of nitrogen induced defects in Li dispersed graphene onÂhydrogen storage. International Journal of Hydrogen Energy, 2013, 38, 4611-4617.	7.1	59
49	Enhanced hydrogen storage properties under external electric fields of N-doped graphene with Li decoration. Physical Chemistry Chemical Physics, 2013, 15, 3243.	2.8	29
50	Ferroelectric control of magnetic anisotropy of FePt/BaTiO3 magnetoelectric heterojunction: A density functional theory study. Journal of Applied Physics, 2013, 113, .	2.5	17
51	Stable Surface Structures and Magnetic Properties of L1₀-Ordered CoPt Thin Films According to Thin Film Layer Thickness. Journal of Nanoscience and Nanotechnology, 2013, 13, 6316-6320.	0.9	1
52	Effects of interfacial bonding in the Si-carbon nanotube nanocomposite: A molecular dynamics approach. Journal of Applied Physics, 2012, 112, .	2.5	11
53	Interfacial reaction-dominated full oxidation of 5â€‰nm diameter silicon nanowires. Journal of Applied Physics, 2012, 112, .	2.5	4
54	First-principles study on the atomic and electronic structures of graphene-protected magnetic Fe/Ni(111) thin film. Current Applied Physics, 2012, 12, S37-S40.	2.4	1

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55	Role of Multivalent Pr in the Formation and Migration of Oxygen Vacancy in Pr-Doped Ceria: Experimental and First-Principles Investigations. Chemistry of Materials, 2012, 24, 4261-4267.	6.7	86
56	Si/Ge Double-Layered Nanotube Array as a Lithium Ion Battery Anode. ACS Nano, 2012, 6, 303-309.	14.6	225
57	Lattice distortion effect on electrical properties of GDC thin films: Experimental evidence and computational simulation. Solid State Ionics, 2012, 229, 45-53.	2.7	24
58	Dominant Factors Governing the Rate Capability of a TiO₂ Nanotube Anode for High Power Lithium Ion Batteries. ACS Nano, 2012, 6, 8308-8315.	14.6	184
59	Interface-Dependent Spin-Reorientation Energy Barrier in Fe/MgO(001) Thin Film. IEEE Electron Device Letters, 2011, 32, 1287-1289.	3.9	8
60	A Comparative Study of Catalytic Partial Oxidation of Methane Over Ceo₂ Supported Metallic Catalysts. Journal of Nanoscience and Nanotechnology, 2011, 11, 6414-6419.	0.9	10
61	Magnetic Anisotropy Variation of Fe Single Atom on Ti/Al(001) Surface by the Change of Ti-Al Surface Phase. Journal of Nanoscience and Nanotechnology, 2011, 11, 6364-6367.	0.9	1
62	Surface structures and magnetic anisotropies of a Fe/Pt (001) surface: An ab initio study. Journal of Applied Physics, 2011, 109, 07B764.	2.5	7
63	Surface diffusion coefficient determination by uniaxial tensile strain in Pb/Cu(111) surface systems. Current Applied Physics, 2011, 11, S400-S403.	2.4	4
64	Molecular dynamics simulation of film growth characterization of Fe and Cu on Cu(111) surface in the early stages of the deposition process. Current Applied Physics, 2011, 11, S65-S68.	2.4	5
65	Stress evolution during the oxidation of silicon nanowires in the sub-10 nm diameter regime. Applied Physics Letters, 2011, 99, .	3.3	33
66	Electronic Structures and Magnetism of Al/Fe(001) Thin-Film Systems: First-Principles Calculations. Japanese Journal of Applied Physics, 2011, 50, 01BF03.	1.5	0
67	Atomic-Scale Investigation on the Ti/Fe(001) Interface Structure: Molecular Dynamics Simulations andAb initioCalculations. Japanese Journal of Applied Physics, 2011, 50, 01BE07.	1.5	1
68	Adsorption and Diffusion of Li and Ni on Graphene with Boron Substitution for Hydrogen Storage: Ab-initio Method. Japanese Journal of Applied Physics, 2011, 50, 06GJ02.	1.5	2
69	Metal (Li, Al, Ca and Ti) Absorbed Graphene with Defects for Hydrogen Storage: First-Principles Calculations. Journal of Nanoscience and Nanotechnology, 2011, 11, 10624-10628.	0.9	14
70	Adsorption and Diffusion of Li and Ni on Graphene with Boron Substitution for Hydrogen Storage:Ab-initioMethod. Japanese Journal of Applied Physics, 2011, 50, 06GJ02.	1.5	6
71	Atomic-Scale Investigation on the Ti/Fe(001) Interface Structure: Molecular Dynamics Simulations andAb initioCalculations. Japanese Journal of Applied Physics, 2011, 50, 01BE07.	1.5	0
72	Electronic Structures and Magnetism of Al/Fe(001) Thin-Film Systems: First-Principles Calculations. Japanese Journal of Applied Physics, 2011, 50, 01BF03.	1.5	0

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73	Energetics of Pb heterostructures formation on the Cu (111) in the early stage of the deposition process. Journal of Applied Physics, 2010, 107, 114315.	2.5	3
74	Effects of B-site substitution on the surface adsorption properties and catalytic activities of La0.8Sr0.2(Mn1â^'xCox)O3. Applied Catalysis A: General, 2010, 387, 203-208.	4.3	9
75	Hydrogen adsorption on Li metal in boron-substituted graphene: An ab initio approach. International Journal of Hydrogen Energy, 2010, 35, 3583-3587.	7.1	70
76	Structural effect of LaAlO<inf>3</inf>/SrTiO<inf>3</inf> interface on electronic properties: Ab-initio calculations. , 2010, , .		0
77	Strain-induced Wurtzite to h-BN Phase Transformation in Zinc Oxide nanorods. , 2010, , .		0
78	Hydrogen adsorption on Li metal in boron substituted graphene: ab initio approach. , 2010, , .		0
79	Atomic-Scale Investigation of the Ti/Al(001) Interface: A Molecular Dynamics Simulation. Japanese Journal of Applied Physics, 2010, 49, 06GJ14.	1.5	4
80	Atomic structures and behaviors of a fcc Cu(111) surface with submonolayer Pb coverage. Computational Materials Science, 2010, 47, 693-697.	3.0	3
81	First-principles calculation and luminescence property of Eux:Si5Al1â^'xO1+xN7â^'x green phosphor. Computational Materials Science, 2010, 49, S359-S363.	3.0	4
82	Hydrogen storage in Al and Ti dispersed on graphene with boron substitution: First-principles calculations. Computational Materials Science, 2010, 49, S297-S301.	3.0	29
83	Molecular dynamics investigation of interfacial mixing behavior in transition metals (Fe, Co, Ni)-Al multilayer system. Journal of Applied Physics, 2009, 105, 034902.	2.5	13
84	The early stage of deposition process for Feâ€"Cu magnetic multilayer systems: molecular dynamics simulation. Journal Physics D: Applied Physics, 2009, 42, 135305.	2.8	11
85	Facile preparation of large aspect ratio ellipsoidal anatase TiO2 nanoparticles and their application to dye-sensitized solar cell. Electrochemistry Communications, 2009, 11, 909-912.	4.7	73
86	Asymmetric surface intermixing during thin-film growth in the Coâ€"Al system: Role of local acceleration of the deposited atoms. Acta Materialia, 2008, 56, 1011-1017.	7.9	16
87	Atomic-Level Investigation for Surface Characteristics in a Co-Cu Multilayer System: Molecular Dynamics Simulation. IEEE Transactions on Magnetics, 2008, 44, 2903-2906.	2.1	4
88	Ab initio investigation of interfacial layer formation in the Moâ•Si boundary for extreme ultraviolet lithography. Journal of Applied Physics, 2008, 103, 124310.	2.5	0
89	Ab initio investigations on atomistic behaviors and magnetic properties in Feâ€"Cu multilayer system. Journal of Applied Physics, 2007, 101, 09D119.	2.5	2
90	Electronic structures and atomic surface diffusion in Cr/Fe(001) and Fe/Cr(001) systems: First-principles study. , 2007, , .		0

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91	Surface properties for hydrogen, carbon, and oxygen adsorption on the Ga-terminated (0001) GaN surface system with nitrogen vacancy. , 2007, , .		0
92	Electronic structures of nitrogen doped single walled carbon nanotubes with uniaxial strain: Ab initio method approach. , 2007, , .		0
93	Atomic-level investigation of Al and Ni thin film growth on Ni(111) surface: Molecular dynamics simulation. Applied Surface Science, 2007, 253, 8896-8900.	6.1	18
94	Theoretical investigation of pattern printability of oxidized Si and Ru capping models for extreme ultraviolet lithography (EUVL). Microelectronic Engineering, 2007, 84, 1023-1026.	2.4	0
95	Surface characteristics of epitaxially grown Ni layers on Al surfaces: Molecular dynamics simulation. Journal of Applied Physics, 2006, 100, 074905.	2.5	25
96	Numerical modeling of absorber characteristics for EUVL. , 2006, 6151, 553.		3
97	Photocatalytic Activity of Ni 8 wt%-Doped TiO2 Photocatalyst Synthesized by Mechanical Alloying Under Visible Light. Journal of the American Ceramic Society, 2006, 89, 515-518.	3.8	87
98	Theoretical calculations on atomistic behaviors in transition metals (Fe, Co, Ni)â€“Al multilayer system: ab initio approach. Applied Surface Science, 2006, 252, 8380-8383.	6.1	8
99	Electronic structure and half-metallic property of Mn-doped Î²-SiC diluted magnetic semiconductor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 194-196.	3.5	34
100	Performance characteristics of micro single-chamber solid oxide fuel cell: Computational analysis. Journal of Power Sources, 2006, 154, 35-41.	7.8	25
101	Numerical modeling of micro single-chamber ceria-based SOFC. Journal of Electroceramics, 2006, 17, 959-964.	2.0	10
102	The electronic structure of Ni doped rutile TiO2. Journal of Electroceramics, 2006, 17, 951-953.	2.0	14
103	Characterization of Ru layer for capping/buffer application in EUVL mask. Microelectronic Engineering, 2006, 83, 688-691.	2.4	16
104	Co/CoAl/Co trilayer fabrication using spontaneous intermixing of Co and Al: Molecular dynamics simulation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 135, 25-29.	3.5	4
105	Experimental and Simulation Study to Identify Current-Confined Path in Cuâ€“Al Space Layer for CPP-GMR Spin-Valve Applications. IEEE Transactions on Magnetics, 2006, 42, 2633-2635.	2.1	3
106	Molecular dynamics simulation of nano-scale Feâ€“Al thin film growth. Materials Letters, 2006, 60, 1063-1067.	2.6	20
107	Novel absorber stack for minimizing shadow effect in extreme ultraviolet mask. Journal of Vacuum Science & Technology B, 2006, 24, 2820.	1.3	11
108	Atomic Investigation of Al/Ni(001) by Molecular Dynamics Simulation. Japanese Journal of Applied Physics, 2006, 45, 99-101.	1.5	12

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109	First-principles calculations on magnetic properties of interface-rippled Coâˆ•Î±-Al2O3âˆ•Co. Applied Physics Letters, 2006, 88, 132512.	3.3	5
110	Molecular dynamics investigations for thin film growth morphology of Ni/Ni(111). , 2005, , .		0
111	Surface diffusion and incorporation of adatom in Co/Al (001) system. Journal of Solid State Chemistry, 2005, 178, 47-51.	2.9	6
112	Atomic-level investigation of interface structure in Niâ€“Al multilayer system: molecular dynamics simulation. Journal of Magnetism and Magnetic Materials, 2005, 286, 394-398.	2.3	27
113	Magnetic and half-metallic properties of Cr-doped /spl beta/-SiC. IEEE Transactions on Magnetics, 2005, 41, 2733-2735.	2.1	15
114	Magnetic property calculations for B2-Co/sub x/Al/sub 1-x/ structures at the interface of Co-Al multilayer. IEEE Transactions on Magnetics, 2005, 41, 3343-3345.	2.1	1
115	Interfacial mixing behavior of Fe-Al magnetic thin films: molecular dynamics Simulation. IEEE Transactions on Magnetics, 2005, 41, 3706-3708.	2.1	3
116	Molecular dynamics investigation for thin film growth morphology of Ni/Ni(111). IEEE Transactions on Magnetics, 2005, 41, 3431-3433.	2.1	7
117	Atomistic behaviors of Co adatom on Al (001) surface: first-principle approach. Journal of Magnetism and Magnetic Materials, 2005, 286, 399-404.	2.3	6
118	First-Principles Calculations of Atomistic Behaviors in Ni/Al (001) and Al/Ni (001) System. Japanese Journal of Applied Physics, 2005, 44, 5700-5702.	1.5	14
119	Electronic structure and magnetic property of Mn adsorbed /spl beta/-SiC(100). , 2005, , .		0
120	Magnetic property calculations for B2-Co/sub x/Al/sub 1-x/ structure at the interface of Co/Al multilayer. , 2005, , .		0
121	Electronic and structural characteristics of atomic diffusion in Fe/Al [001] and Al/Fe [001] systems. , 2005, , .		0
122	Optimization of Low-Energy Electron Beam Proximity Lithography Stencil Mask Structure Factors by Monte Carlo Simulation. Japanese Journal of Applied Physics, 2004, 43, 1196-1198.	1.5	0
123	Molecular Dynamics Simulation at the Early Stage of Thin-Film Deposition: Al or Co on Co(111). Japanese Journal of Applied Physics, 2004, 43, 3818-3821.	1.5	5
124	Numerical investigation of defect printability in extreme ultraviolet (EUV) reflector: Ru/Mo/Si mulitlayer system. , 2004, , .		0
125	Characteristics of Mo/Ru/Si multilayer reflector structure. , 2004, , .		0
126	Atomistic investigations of alpha-Fe thin film growth on Al [100]. , 2004, , .		0

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127	Angular dependency of off-axis illumination on 100-nm-width pattern printability for extreme ultraviolet lithography: Ru/Mo/Si reflector system. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 2984.	1.6	3
128	First-principles calculations of the atomistic behaviors in Ni/Al [001] and Al/Ni [001] system. , 2004, , .		0
129	Atomic Mixing Behavior of Co/Al(001) vs. Al/fcc-Co(001): Molecular Dynamics Simulation. Journal of Electroceramics, 2004, 13, 315-320.	2.0	12
130	Ab initio Study of the Si Adsorption on Mo(110). Journal of Electroceramics, 2004, 13, 327-330.	2.0	2
131	Computer simulation of the resonance characteristics and the sensitivity of cantilever-shaped Al/PZT/RuO2 biosensor. Sensors and Actuators B: Chemical, 2004, 97, 98-102.	7.8	13
132	Ab initioInvestigation of the Early Stage of Nano-scale Thin Film Growth: Al and Co Adatoms on Co (111) Surface. Japanese Journal of Applied Physics, 2004, 43, 3815-3817.	1.5	6
133	Surface alloy formation of Co on Al surface: Molecular dynamics simulation. Journal of Applied Physics, 2003, 93, 8564-8566.	2.5	47
134	Analysis of Multilayer Structure for Reflection of Extreme-Ultraviolet Wavelength. Japanese Journal of Applied Physics, 2002, 41, 4086-4090.	1.5	6
135	The Influence of Cu and Au on Field Aided Lateral Crystallization of Amorphous Silicon Films. Japanese Journal of Applied Physics, 2000, 39, 6191-6195.	1.5	20
136	Calculation of the contribution to grain boundary diffusion in ionic systems that arises from enhanced defect concentrations adjacent to the boundary. Journal of Applied Physics, 2000, 87, 2747-2752.	2.5	16
137	Assessment of the accuracy of Le Claire's equation for determination of grain boundary diffusion coefficients from solute concentration gradients. Materials Letters, 1996, 28, 47-54.	2.6	6
138	Growth of Nickel Oxide Single Crystals and Bicrystals via hemical Vapor Transport. Journal of the American Ceramic Society, 1996, 79, 695-699.	3.8	1
139	Fabrication and Characterization of NiO Bicrystals. Materials Research Society Symposia Proceedings, 1994, 357, 139.	0.1	0
140	Analysis of multilayer structure for reflection of extreme ultra-violet wavelength. , 0, , .		0
141	Structural characterization of Mo/Ru/Si EUV reflector by optical modeling. , 0, , .		0