

Jun-Hyung Cho

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155 papers	3,393 citations	29 h-index	50 g-index
160 ext. papers	3,815 ext. citations	4.2 avg, IF	5.44 L-index

#	Paper	IF	Citations
155	Origin of charge density wave in the layered kagome metal CsV ₃ Sb ₅ . <i>Physical Review B</i> , 2022 , 105,	3.3	3
154	Spontaneous Folding Growth of Graphene on h-BN. <i>Nano Letters</i> , 2021 , 21, 2033-2039	11.5	6
153	Stability and bonding nature of clathrate H cages in a near-room-temperature superconductor LaH ₁₀ . <i>Physical Review Materials</i> , 2021 , 5,	3.2	9
152	Effect of hole doping on superconductivity in compressed CeH ₉ at high pressures. <i>Physical Review B</i> , 2021 , 104,	3.3	1
151	Formation Mechanism of Chemically Precompressed Hydrogen Clathrates in Metal Superhydrides. <i>Inorganic Chemistry</i> , 2021 , 60, 12934-12940	5.1	0
150	Evidence of Phonon-Mediated Superconductivity in LaH ₁₀ at High Pressure. <i>Annalen Der Physik</i> , 2021 , 533, 2000518	2.6	4
149	Underlying mechanism of charge transfer in Li-doped MgH ₁₆ at high pressure. <i>Physical Review B</i> , 2020 , 102,	3.3	3
148	Isotope effect in superconducting lanthanum hydride under high compression. <i>Physical Review B</i> , 2020 , 101,	3.3	13
147	Multiband nature of room-temperature superconductivity in LaH ₁₀ at high pressure. <i>Physical Review B</i> , 2020 , 101,	3.3	12
146	Two-dimensional topological semimetal states in monolayer Cu ₂ Ge, Fe ₂ Ge, and Fe ₂ Sn. <i>Physical Review B</i> , 2020 , 101,	3.3	5
145	Phase transition of nanoscale Au atom chains on NiAl(110). <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126183	2.3	
144	Dirac fermions in antiferromagnetic FeSn kagome lattices with combined space inversion and time-reversal symmetry. <i>Physical Review B</i> , 2020 , 102,	3.3	14
143	Ferromagnetic Weyl Fermions in Two-Dimensional Layered Electride Gd ₂ C. <i>Physical Review Letters</i> , 2020 , 125, 187203	7.4	11
142	Origin of enhanced chemical precompression in cerium hydride [Formula: see text]. <i>Scientific Reports</i> , 2020 , 10, 16878	4.9	5
141	Theoretical prediction of Weyl fermions in the paramagnetic electride Y ₂ C. <i>Physical Review B</i> , 2019 , 99,	3.3	12
140	Microscopic mechanism of room-temperature superconductivity in compressed LaH ₁₀ . <i>Physical Review B</i> , 2019 , 99,	3.3	31
139	Pressure dependence of the superconducting transition temperature of compressed LaH ₁₀ . <i>Physical Review B</i> , 2019 , 100,	3.3	21

138	Coupling of charge, lattice, orbital, and spin degrees of freedom in charge density waves in $1T\overline{Ta}S_2$. <i>Physical Review B</i> , 2018 , 97,	3.3	11
137	Atomic and electronic structure of doped Si(111)(23 $\overline{2}$ 3)R30 $\overline{2}$ -Sn interfaces. <i>Physical Review B</i> , 2018 , 97,	3.3	3
136	The Nature of Bonding in Bulk Tellurium Composed of One-Dimensional Helical Chains. <i>Inorganic Chemistry</i> , 2018 , 57, 5083-5088	5.1	38
135	Competing edge structures of Sb and Bi bilayers generated by trivial and nontrivial band topologies. <i>Physical Review B</i> , 2018 , 98,	3.3	3
134	Flatbands and Emergent Ferromagnetic Ordering in Fe_3Sn_2 Kagome Lattices. <i>Physical Review Letters</i> , 2018 , 121, 096401	7.4	94
133	Hydrogen adsorption induced nanomagnetism at the Si(111)-(7 $\overline{7}$) surface. <i>Physical Review B</i> , 2018 , 98,	3.3	2
132	Contrasting diffusion behaviors of O and F atoms on graphene and within bilayer graphene. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 9107-9112	3.6	3
131	Abnormal volumetric thermal expansion in the hourglass fermion materials KHgAs and KHgSb. <i>Physical Review B</i> , 2017 , 95,	3.3	7
130	Atomistic mechanisms of van der Waals epitaxy and property optimization of layered materials. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2017 , 7, e1300	7.9	10
129	Competing Gap Opening Mechanisms of Monolayer Graphene and Graphene Nanoribbons on Strong Topological Insulators. <i>Nano Letters</i> , 2017 , 17, 4013-4018	11.5	28
128	Multivalency-Driven Formation of Te-Based Monolayer Materials: A Combined First-Principles and Experimental study. <i>Physical Review Letters</i> , 2017 , 119, 106101	7.4	285
127	Comment on "Quasi-One-Dimensional Metal-Insulator Transitions in Compound Semiconductor Surfaces". <i>Physical Review Letters</i> , 2017 , 118, 239601	7.4	5
126	Microscopic mechanism of the tunable band gap in potassium-doped few-layer black phosphorus. <i>Physical Review B</i> , 2017 , 96,	3.3	13
125	Competing charge density wave and antiferromagnetism of metallic atom wires in GaN(101 $\overline{0}$) and ZnO(101 $\overline{0}$). <i>Physical Review B</i> , 2017 , 96,	3.3	5
124	Spin-orbit coupling effects on the stability of two competing structures in Pb/Si(111) and Pb/Ge(111). <i>Physical Review B</i> , 2016 , 94,	3.3	22
123	Quantum stability and magic lengths of metal atom wires. <i>Physical Review B</i> , 2016 , 93,	3.3	7
122	Origin of the metal-insulator transition of indium atom wires on Si(111). <i>Physical Review B</i> , 2016 , 93,	3.3	12
121	Competing magnetic orderings and tunable topological states in two-dimensional hexagonal organometallic lattices. <i>Physical Review B</i> , 2016 , 93,	3.3	22

120	Nature of the Insulating Ground State of the Two-Dimensional Sn Atom Lattice on SiC(0001). <i>Scientific Reports</i> , 2016 , 6, 30598	4.9	6
119	Origin of Symmetric Dimer Images of Si(001) Observed by Low-Temperature Scanning Tunneling Microscopy. <i>Scientific Reports</i> , 2016 , 6, 27868	4.9	8
118	Dilute Magnetic Semiconductor and Half-Metal Behaviors in 3d Transition-Metal Doped Black and Blue Phosphorenes: A First-Principles Study. <i>Nanoscale Research Letters</i> , 2016 , 11, 77	5	78
117	Energetics and kinetics of Cu atoms and clusters on the Si(111)-7 × 7 surface: first-principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 18549-54	3.6	3
116	H18 Carbon: A New Metallic Phase with sp ² -sp ³ Hybridized Bonding Network. <i>Scientific Reports</i> , 2016 , 6, 21879	4.9	46
115	Stacking-sequence-independent band structure and shear exfoliation of two-dimensional electride materials. <i>Physical Review B</i> , 2016 , 94,	3.3	11
114	First-principles study of the crystal structures and physical properties of H18-BN and Rh6-BN. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 3891-3896	2.3	14
113	Dimensionality and Valency Dependent Quantum Growth of Metallic Nanostructures: A Unified Perspective. <i>Nano Letters</i> , 2016 , 16, 6628-6635	11.5	4
112	Interplay between the spin-selection rule and frontier orbital theory in O ₂ activation and CO oxidation by single-atom-sized catalysts on TiO ₂ (110). <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 24872-9	3.6	16
111	Magnetic evolution and anomalous Wilson transition in diagonal phosphorene nanoribbons driven by strain. <i>Nanotechnology</i> , 2015 , 26, 295402	3.4	4
110	Catalytic activities of noble metal atoms on WO ₃ (001): nitric oxide adsorption. <i>Nanoscale Research Letters</i> , 2015 , 10, 60	5	6
109	Contrasting interedge superexchange interactions of graphene nanoribbons embedded in h-BN and graphane. <i>Physical Review B</i> , 2015 , 92,	3.3	16
108	Giant spin-orbit-induced spin splitting in Bi zigzag chains on GaAs(110). <i>Physical Review B</i> , 2015 , 92,	3.3	5
107	Nature of the Insulating Ground State of the 5d Postperovskite CaIrO ₃ . <i>Physical Review Letters</i> , 2015 , 115, 096401	7.4	18
106	Equivalence of electronic and mechanical stresses in structural phase stabilization: A case study of indium wires on Si(111). <i>Physical Review B</i> , 2015 , 91,	3.3	9
105	Anomalous doping effect in black phosphorene using first-principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 16351-8	3.6	93
104	Antiferromagnetic Slater insulator phase of NaIrO ₂ . <i>Scientific Reports</i> , 2014 , 4, 5253	4.9	19
103	Stabilization and manipulation of electronically phase-separated ground states in defective indium atom wires on silicon. <i>Physical Review Letters</i> , 2014 , 113, 196802	7.4	17

102	Antiferromagnetic superexchange mediated by a resonant surface state in Sn/Si(111). <i>Physical Review B</i> , 2014 , 90,	3.3	12
101	Contribution of van der Waals interactions to the adsorption energy of C ₂ H ₂ , C ₂ H ₄ , and C ₆ H ₆ on Si(100). <i>Chemical Physics Letters</i> , 2013 , 557, 159-162	2.5	10
100	Driving force of phase transition in indium nanowires on Si(111). <i>Physical Review Letters</i> , 2013 , 110, 116804	3.4	32
99	Physisorption of DNA Nucleobases on h-BN and Graphene: vdW-Corrected DFT Calculations. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 13435-13441	3.8	163
98	Antiferromagnetic ordering of dangling-bond electrons at the stepped Si(001) surface. <i>Journal of Chemical Physics</i> , 2013 , 138, 104702	3.9	
97	Fluorine-induced local magnetic moment in graphene: A hybrid DFT study. <i>Physical Review B</i> , 2013 , 87,	3.3	36
96	Ferrimagnetic Slater insulator phase of the Sn/Ge(111) surface. <i>Physical Review Letters</i> , 2013 , 111, 106403	3.4	11
95	Self-assembled line growth of allyl alcohol on the H-terminated Si(100)-(2×1) surface. <i>Surface Science</i> , 2012 , 606, 461-463	1.8	2
94	Peierls Instability and Spin Orderings of Ultranarrow Graphene Nanoribbons in Graphane. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13795-13799	3.8	5
93	Weak antiferromagnetic superexchange interaction in fcc C ₆₀ H _n . <i>Physical Review B</i> , 2012 , 86,	3.3	3
92	Benzene adsorbed on Si(001): The role of electron correlation and finite temperature. <i>Physical Review B</i> , 2012 , 85,	3.3	27
91	Peierls instability and ferrimagnetic ordering of quasi-one-dimensional carbon chains generated in H-passivated graphene. <i>Physical Review B</i> , 2011 , 83,	3.3	8
90	A density-functional-theory study of biradicals from benzene to hexacene. <i>Chemical Physics Letters</i> , 2011 , 516, 141-145	2.5	5
89	Structure and stability of one-dimensional o-phthalaldehyde lines on the Si(100)-2×1:H surface. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 418-20	3.6	
88	Enhanced Stability and Electronic Structure of Phenylacetylene Lines on the Si(100)-(2×1):H Surface. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 14942-14946	3.8	6
87	Instability of one-dimensional dangling-bond wires on H-passivated C(001), Si(001), and Ge(001) surfaces. <i>Surface Science</i> , 2011 , 605, L13-L15	1.8	14
86	Zhang et al. Reply:. <i>Physical Review Letters</i> , 2011 , 107,	7.4	5
85	Atomic structure, energetics, and dynamics of topological solitons in indium chains on Si(111) surfaces. <i>Physical Review Letters</i> , 2011 , 106, 026801	7.4	15

84	First-principles calculations of the structure and growth mechanism of allyl mercaptan lines on the H/Si(100)-2 × 1 surface. <i>Physical Review B</i> , 2011 , 83,	3-3	2
83	Self-assembly of molecular wires on H-terminated Si(100) surfaces driven by London dispersion forces. <i>Physical Review B</i> , 2011 , 84,	3-3	9
82	Self-directed growth approach for acetylacetone lines on an H-terminated Si(001)-(2 × 1) surface. <i>Physical Review B</i> , 2011 , 84,	3-3	4
81	Length- and parity-dependent electronic states in one-dimensional carbon atomic chains on C(111). <i>Physical Review B</i> , 2010 , 82,	3-3	2
80	Quantum size effects in competing charge and spin orderings of dangling bond wires on Si(001). <i>Physical Review B</i> , 2009 , 80,	3-3	21
79	Theoretical prediction of the antiferromagnetic ground state of a C defect on Si(001). <i>Physical Review B</i> , 2009 , 80,	3-3	5
78	Antiferromagnetic spin ordering in the dissociative adsorption of H ₂ on Si(001): density-functional calculations. <i>Journal of Chemical Physics</i> , 2009 , 131, 244704	3-9	3
77	Growth mechanism of a 1D molecular line across the dimer rows on H-terminated Si(001). <i>Physical Review Letters</i> , 2009 , 102, 166102	7-4	15
76	Antiferromagnetic ground state of a C(60)-covered Si(001) surface. <i>ChemPhysChem</i> , 2009 , 10, 334-6	3-2	3
75	Density-Functional Calculations of the Adsorption and Reaction of Acetic Acid on Ge(001). <i>Journal of Physical Chemistry C</i> , 2008 , 112, 6947-6952	3-8	5
74	First-principles study of thermal and electron-activated dissociation of acetone on Si(001). <i>Journal of Chemical Physics</i> , 2008 , 129, 194110	3-9	7
73	Antiferromagnetic ordering in one-dimensional dangling-bond wires on a hydrogen-terminated C(001) surface: A density-functional study. <i>Physical Review B</i> , 2008 , 77,	3-3	7
72	Antiferromagnetic coupling between two adjacent dangling bonds on Si(001): Total-energy and force calculations. <i>Physical Review B</i> , 2008 , 78,	3-3	10
71	Chiral Adsorption Structures of Styrene on Ge(001): A First-Principles Study. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 5111-5114	3-8	4
70	First-principles calculation of the atomic structure of one-dimensional indium chains on Si(111): Convergence to a metastable structure. <i>Physical Review B</i> , 2007 , 76,	3-3	14
69	Enhanced stability of 1D molecular lines on the H-terminated Si(001) surface. <i>Physical Review Letters</i> , 2007 , 98, 246101	7-4	15
68	First-principles study of the adsorption and reaction of 2,3-butanediol on Si(001). <i>Physical Review B</i> , 2007 , 76,	3-3	9
67	Structure and binding energies of unsaturated hydrocarbons on Si(001) and Ge(001). <i>Journal of Chemical Physics</i> , 2006 , 124, 024716	3-9	29

66	Band-gap opening in metallic carbon nanotubes adsorbed on HSi(001). <i>Applied Physics Letters</i> , 2006 , 89, 023124	3.4	12
65	Ultraviolet-visible absorption spectra of N-doped TiO ₂ film deposited on sapphire. <i>Journal of Applied Physics</i> , 2006 , 100, 113534	2.5	24
64	Theoretical prediction of heterogeneous molecular wires on the Si(001) surface. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3890-1	16.4	19
63	Two dissociation pathways of water and ammonia on the Si(001) surface. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 18455-8	3.4	27
62	Peierls instability in one-dimensional borine wire on Si(001). <i>Journal of the American Chemical Society</i> , 2006 , 128, 11340-1	16.4	8
61	Electronic properties of N- and C-doped TiO ₂ . <i>Applied Physics Letters</i> , 2005 , 87, 011904	3.4	199
60	Conversion between two binding states of benzene on Si(001). <i>Physical Review B</i> , 2005 , 72,	3.3	22
59	Origin of surface metallization of Si(001) at high temperatures. <i>Physical Review B</i> , 2005 , 71,	3.3	4
58	Electronic structure of one-dimensional indium chains on Si(111). <i>Physical Review B</i> , 2005 , 71,	3.3	38
57	Dissociative adsorption of vinyl bromide on Si(001): A first-principles study. <i>Physical Review B</i> , 2005 , 71,	3.3	10
56	Two reaction pathways of acetic acid on the Si(001) surface: Density-functional calculations. <i>Physical Review B</i> , 2005 , 72,	3.3	12
55	Self-directed growth of benzonitrile line on H-terminated Si(001) surface. <i>Journal of Chemical Physics</i> , 2004 , 121, 8010-3	3.9	6
54	Metastable phase of symmetric dimers on Si(001). <i>Physical Review B</i> , 2004 , 69,	3.3	7
53	First-principles study of NH ₃ decomposition on the Si(001) surface. <i>Physical Review B</i> , 2004 , 69,	3.3	13
52	Atomic structure and energetics of adsorbed water on the NaCl(001) surface. <i>Physical Review B</i> , 2004 , 69,	3.3	35
51	Different adsorption structures of pyridine on Si(001) and Ge(001) surfaces. <i>Journal of Chemical Physics</i> , 2004 , 120, 8222-5	3.9	34
50	Theoretical study of the reaction of acrylonitrile on Si(001). <i>Journal of Chemical Physics</i> , 2004 , 121, 1557-69	3.9	11
49	Adsorption kinetics of acetylene and ethylene on Si(001). <i>Physical Review B</i> , 2004 , 69,	3.3	78

48	Adsorption structure of 2-butyne on Si(100)-(2 \times 1). <i>Journal of Chemical Physics</i> , 2003 , 118, 6083-6088	3.9	15
47	Adsorption structure of acetylene on Ge(001): A first-principles study. <i>Journal of Chemical Physics</i> , 2003 , 119, 2820-2824	3.9	13
46	Hydrogen catalyzed adsorption of alkenes on the diamond (001) surface. <i>Physical Review B</i> , 2003 , 68,	3.3	11
45	Ab initio calculations of the adsorption and reaction of acetonitrile on Si(001). <i>Journal of Chemical Physics</i> , 2003 , 119, 6744-6749	3.9	12
44	Self-assembled molecular array in methylamine dissociation on Si(001). <i>Physical Review B</i> , 2003 , 67,	3.3	14
43	First-principles study of the adsorption and reaction of cyclopentene on Ge(001). <i>Physical Review B</i> , 2003 , 67,	3.3	14
42	Contrasting structural and bonding properties of trimethylamine and dimethylamine adsorbed on Si(001). <i>Physical Review B</i> , 2003 , 68,	3.3	20
41	One-dimensional molecular wire on hydrogenated Si(001). <i>Physical Review B</i> , 2002 , 65,	3.3	50
40	Adsorption structure of 1,4-cyclohexadiene on Si(001). <i>Journal of Chemical Physics</i> , 2002 , 116, 3800-3804	3.9	18
39	Theoretical study of Na adsorption on top of In chains on the Si(111) surface. <i>Physical Review B</i> , 2002 , 66,	3.3	3
38	Theoretical study of water adsorption on the Ge(100) surface. <i>Physical Review B</i> , 2002 , 66,	3.3	15
37	Ab initio calculations of cyclopentene adsorbed on the diamond (001) surface. <i>Physical Review B</i> , 2002 , 65,	3.3	7
36	Nature of lattice distortion in one-dimensional dangling-bond wires on Si and C. <i>Physical Review B</i> , 2002 , 66,	3.3	16
35	Assembling phenomena of calix[4]hydroquinone nanotube bundles by one-dimensional short hydrogen bonding and displaced pi-pi stacking. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14268-14279	16.4	101
34	Adsorption of cyclopentene on the Si(001) surface: A first-principles study. <i>Physical Review B</i> , 2001 , 64,	3.3	54
33	Oscillatory energetics of flat Ag films on MgO(001). <i>Physical Review B</i> , 2001 , 63,	3.3	21
32	First-principles study of the adsorption of C ₂ H ₂ and C ₂ H ₄ on Si(100). <i>Physical Review B</i> , 2001 , 63,	3.3	47
31	Core-level shifts of low coordination atoms at the W(320) stepped surface. <i>Physical Review B</i> , 2001 , 64,	3.3	16

30	Weakly correlated one-dimensional indium chains on Si(111). <i>Physical Review B</i> , 2001 , 64,	3.3	101
29	Magnetism of the V(001) surface: Contradictory results from pseudopotential and linearized augmented plane-wave calculations. <i>Physical Review B</i> , 2001 , 63,	3.3	35
28	Si 2p core-level shifts at the C ₂ H ₂ /Si(001) and C ₂ H ₄ /Si(001) surfaces. <i>Physical Review B</i> , 2001 , 63,	3.3	5
27	Theoretical study of the structure of 1,5-cyclooctadiene on Si(001). <i>Physical Review B</i> , 2001 , 64,	3.3	6
26	Ge-Si intermixing at the Ge/Si(001) surface. <i>Physical Review B</i> , 2000 , 61, 1688-1691	3.3	26
25	Quantum Size Effects in Metallic Overlayer Epitaxy. <i>Japanese Journal of Applied Physics</i> , 2000 , 39, 4302-4306	3.3	3
24	Influence of intermolecular hydrogen bonding on water dissociation at the MgO(001) surface. <i>Physical Review B</i> , 2000 , 62, 9981-9984	3.3	41
23	Hydrogen-bonded array of NH ₂ on the Si(100) surface. <i>Physical Review B</i> , 2000 , 62, 1607-1610	3.3	23
22	Origin of contrasting surface core-level shifts at the Be(101̄00) and Mg(101̄00) surfaces. <i>Physical Review B</i> , 2000 , 61, 9975-9978	3.3	23
21	Indium-indium pair correlation and surface segregation in InGaAs alloys. <i>Physical Review Letters</i> , 2000 , 84, 3654-7	7.4	22
20	Dissociative adsorption of water on the Si(001) surface: A first-principles study. <i>Physical Review B</i> , 2000 , 61, 4503-4506	3.3	59
19	Oscillatory lattice relaxation at metal surfaces. <i>Physical Review B</i> , 1999 , 59, 1677-1680	3.3	55
18	Comment on "Identification of the Si 2p Surface Core Level Shifts on the Sb/Si(001)(2×1) Interface" <i>Physical Review Letters</i> , 1999 , 82, 4564-4564	7.4	7
17	Geometry and core-level shifts of As on GaAs(110). <i>Physical Review B</i> , 1999 , 59, 12200-12203	3.3	4
16	Anomalously Large Thermal Expansion at the (0001) Surface of Beryllium without Observable Interlayer Anharmonicity. <i>Physical Review Letters</i> , 1998 , 80, 2853-2856	7.4	59
15	Oscillatory Nonmetal-Metal Transitions of Ultrathin Sb Overlayers on a GaAs(110) Substrate. <i>Physical Review Letters</i> , 1998 , 80, 3582-3585	7.4	21
14	Geometry and core-level shifts of an adsorbed Sb monolayer on GaAs(110). <i>Physical Review B</i> , 1998 , 57, 1352-1355	3.3	12
13	Surface Relaxation and Ferromagnetism of Rh(001). <i>Physical Review Letters</i> , 1997 , 78, 1299-1302	7.4	69

12	Si 2p core-level shifts at the As/Si(001) and Sb/Si(001) surfaces. <i>Physical Review B</i> , 1997 , 55, 15464-15466	3.3	18
11	Plane-wave-basis pseudopotential calculations of the surface relaxations of Ti(0001) and Zr(0001). <i>Physical Review B</i> , 1997 , 56, 9282-9285	3.3	18
10	Ab initio pseudopotential study of Fe, Co, and Ni employing the spin-polarized LAPW approach. <i>Physical Review B</i> , 1996 , 53, 10685-10689	3.3	49
9	Possibility of a ferromagnetic Rh(001) surface: A plane-wave-basis partial-core pseudopotential approach. <i>Physical Review B</i> , 1995 , 52, 13805-13807	3.3	9
8	Atomic structure of the Sb/Si(100)-(2 x 1) surface. <i>Physical Review B</i> , 1995 , 51, 5058-5060	3.3	28
7	Plane-wave-basis pseudopotential study of the ground-state properties of Ni. <i>Physical Review B</i> , 1995 , 52, 9159-9161	3.3	18
6	Pseudopotential study of the magnetic and metal-insulator transitions in metallic lithium. <i>Physical Review B</i> , 1994 , 49, 9555-9559	3.3	3
5	Final-state pseudopotential theory for the Ge 3d core-level shifts on the Ge/Si(100)-(2 x 1) surface. <i>Physical Review B</i> , 1994 , 50, 17139-17142	3.3	34
4	Atomic structure of the Ge/Si(100)-(2 x 1) surface. <i>Physical Review B</i> , 1994 , 49, 13670-13673	3.3	17
3	Pseudopotential study of the structural properties of bulk Li. <i>Physical Review B</i> , 1993 , 47, 14020-14022	3.3	9
2	Bulk structural properties of Mo: Plane-wave-basis pseudopotential study with a partial-core-correction scheme. <i>Physical Review B</i> , 1993 , 47, 2979-2982	3.3	1
1	Nanosession: Topological Effects109-114		