Mebarek Alouani

List of Publications by Year
in descending order

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158 papers	5,259 citations	93792 39 h-index	107981 68 g-index
159 all docs	159 docs citations	159 times ranked	5676 citing authors

#	Article	IF	Citations
1	Encoding Information on the Excited State of a Molecular Spin Chain. Advanced Functional Materials, 2021, 31, 2009467.	7.8	7
2	Effect of a ferromagnetic STM cobalt tip on a single Co-phthalocyanine molecule adsorbed on a ferromagnetic substrate. Physics Open, 2021, 9, 100088.	0.7	1
3	Impact of single and double oxygen vacancies on electronic transport in Fe/MgO/Fe magnetic tunnel junctions. Journal of Applied Physics, 2020, 128, .	1.1	3
4	Effect of site disorder on the electronic, magnetic, and ferroelectric properties of gallium ferrite. Physical Review Materials, 2020, 4, .	0.9	1
5	Spin-driven electrical power generation at room temperature. Communications Physics, 2019, 2, .	2.0	9
6	Consolidated picture of tunnelling spintronics across oxygen vacancy states in MgO. Journal Physics D: Applied Physics, 2019, 52, 305302.	1.3	6
7	Cu Metal/Mn Phthalocyanine Organic Spinterfaces atop Co with High Spin Polarization at Room Temperature. Advanced Functional Materials, 2018, 28, 1707123.	7.8	9
8	Calculated tunneling magnetoresistance ratio of FeRh/MgO/FeRh (001) magnetic tunnel junction. Superlattices and Microstructures, 2018, 122, 235-242.	1.4	2
9	Two-Dimensional Organometallic Kondo Lattice with Long-Range Antiferromagnetic Order. Journal of Physical Chemistry C, 2018, 122, 20046-20054.	1.5	14
10	First-principles investigations of electronic and magnetic properties of the FeRh/MgO (001) interface. Journal of Alloys and Compounds, 2017, 700, 191-197.	2.8	6
11	Spin crossover in Fe(phen)2(NCS)2 complexes on metallic surfaces. Journal of Chemical Physics, 2017, 146, .	1.2	78
12	Tunneling Spintronics across MgO Driven by Double Oxygen Vacancies. Advanced Electronic Materials, 2017, 3, 1600390.	2.6	11
13	Probing a Device's Active Atoms. Advanced Materials, 2017, 29, 1606578.	11.1	13
14	Simple and advanced ferromagnet/molecule spinterfaces. , 2016, , .		0
15	Oxygen-vacancy driven tunnelling spintronics across MgO. Proceedings of SPIE, 2016, , .	0.8	3
16	Calculated impact of ferromagnetic substrate on the spin crossover in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Fe</mml:mi><mml:mo>(</mml:mo><mml:mn>1</mml:mn><mml:mo>,</mml:mo><mml:mn>10</mml:mn><mml:mn><mm Physical Review B, 2016, 93, .	1.1	22
17	High Spin Polarization at Ferromagnetic Metalâ€“Organic Interfaces: A Generic Property. Journal of Physical Chemistry Letters, 2016, 7, 2310-2315.	2.1	66
18	Ab initio calculations of X-ray magnetic circular dichroism spectra within the projector augmented wave method: An implementation into the VASP code. Computer Physics Communications, 2016, 207, 136-144.	3.0	8

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19	Exchange Coupling of Spin-Crossover Molecules to Ferromagnetic Co Islands. Journal of Physical Chemistry Letters, 2016, 7, 900-904.	2.1	39
20	Exchange bias and room-temperature magnetic order in molecular layers. Nature Materials, 2015, 14, 981-984.	13.3	93
21	Spin-Dependent Hybridization between Molecule and Metal at Room Temperature through Interlayer Exchange Coupling. Nano Letters, 2015, 15, 7921-7926.	4.5	42
22	Taming the resistive switching in Fe/MgO/V/Fe magnetic tunnel junctions: An ab initio study. Journal of Magnetism and Magnetic Materials, 2014, 372, 167-172.	1.0	1
23	Direct observation of a highly spin-polarized organic spinterface at room temperature. , 2014, , .		1
24	Breakdown of the electron-spin motion upon reflection at metal-organic or metal-carbon interfaces. Physical Review B, 2014, 89, .	1.1	8
25	Room temperature ferromagnetism in Cd-doped ZnO thin films through defect engineering. Journal of Alloys and Compounds, 2014, 598, 120-125.	2.8	16
26	Direct observation of a highly spin-polarized organic spinterface at room temperature. Scientific Reports, 2013, 3, 1272.	1.6	118
27	Effects of iron concentration and cationic site disorder on the optical properties of magnetoelectric gallium ferrite thin films. RSC Advances, 2013, 3, 3124.	1.7	11
28	Spin crossover in a single Fe(phen<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 adsorbed onto metallic substrates: Anab initiocalculation. Physical Review B, 2013, 87, .	1.1	49
29	Chemisorption of manganese phthalocyanine on Cu(001) surface promoted by van der Waals interactions. Physical Review B, 2013, 87, .	1.1	24
30	Impact of excess iron on the calculated electronic and magnetic properties of gallium ferrite. Physical Review B, 2012, 85, .	1.1	15
31	Single Molecule Magnetoresistance with Combined Antiferromagnetic and Ferromagnetic Electrodes. Nano Letters, 2012, 12, 5131-5136.	4.5	46
32	Ultimate Limit of Electron-Spin Precession upon Reflection in Ferromagnetic Films. Physical Review Letters, 2011, 107, 087203.	2.9	4
33	Effect of submonolayer MgO coverages on the electron-spin motion in Fe(001): Experiment and theory. Physical Review B, 2010, 82, .	1.1	4
34	Effect of metallic surfaces on the electronic structure, magnetism, and transport properties of Co-phthalocyanine molecules. Physical Review B, 2010, 82, .	1.1	43
35	Effect of substrate strain on calculated magnetic properties and magnetic anisotropy energy of CoO. Physical Review B, 2010, 81, .	1.1	21
36	Impact on Interface Spin Polarization of Molecular Bonding to Metallic Surfaces. Physical Review Letters, 2010, 105, 077201.	2.9	126

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37	Effect of Spin-Orbit Coupling on the Magnetic Properties of Materials: Theory. Lecture Notes in Physics, 2010, , 227-308.	0.3	1
38	Effect of Spin-Orbit Coupling on the Magnetic Properties of Materials: Results. Lecture Notes in Physics, 2010, , 309-341.	0.3	0
39	Chemical Bonding of Solids. Springer Series in Solid-state Sciences, 2010, , 111-131.	0.3	0
40	Introduction to Electronic Structure Theory. Springer Series in Solid-state Sciences, 2010, , 25-34.	0.3	1
41	Excitated State Properties. Springer Series in Solid-state Sciences, 2010, , 145-178.	0.3	0
42	Effects of structural relaxation on calculations of the interface and transport properties of Fe/MgO(001) tunnel junctions. Physical Review B, 2009, 79, .	1.1	24
43	Interface and transport properties of Fe/V/MgO/Fe and Fe/V/Fe/MgO/Fe magnetic tunneling junctions. Physical Review B, 2009, 79, .	1.1	20
44	Calculated magnetic X-ray circular dichroism of half-metal CrO 2. Europhysics Letters, 2009, 87, 27004.	0.7	3
45	Magnetic anisotropy in Gd, GdN, and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>GdFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:mn by the energy of gadolinium<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math>states. Physical Review B, 2009, 79, .	1.1	32
46	Ab initio calculated X-ray magnetic circular dichroism of Sr ₂ CrReO ₆. Europhysics Letters, 2008, 84, 47005.	0.7	10
47	Cubic metallic phase of aluminum hydride showing improved hydrogen desorption. Applied Physics Letters, 2008, 92, .	1.5	18
48	Crystal structure of the pressure-induced metallic phase of SiH4 from ab initio theory. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16454-16459.	3.3	63
49	Arnaud, LebÃ¨gue, Rabiller, and Alouani Reply:. Physical Review Letters, 2008, 100, .	2.9	34
50	Structurally induced insulator-metal transition in solid oxygen: A quasiparticle investigation. Physical Review B, 2008, 77, .	1.1	17
51	Effect of diffusion and alloying on the magnetic and transport properties ofFeâˆ•Vâˆ•Fetrilayers. Physical Review B, 2007, 75, .	1.1	7
52	Electronic structure and x-ray magnetic circular dichroism ofSr2FeMoO6:Ab initiocalculations. Physical Review B, 2007, 75, .	1.1	29
53	Band-gap induced electron-spin precession upon reflecting from ferromagnetic surfaces. , 2007, , .		0
54	Calculated electronic properties and structural phase transitions of GdN pnictide under hydrostatic pressure. Physical Review B, 2007, 76, .	1.1	20

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55	Quasiparticle and optical properties of BeH2. Journal of Physics Condensed Matter, 2007, 19, 036223.	0.7	10
56	Electronic structure and x-ray magnetic circular dichroism of gadolinium beyond the local spin density approximation. Physical Review B, 2007, 75, .	1.1	24
57	Huge Excitonic Effects in Layered Hexagonal Boron Nitride. Physical Review Letters, 2006, 96, 026402.	2.9	356
58	Molecular dynamics simulation and chemical bonding analysis of MgB2C2. Computational Materials Science, 2006, 37, 220-225.	1.4	3
59	Calculated electronic structure and x-ray magnetic circular dichroism of CrO2. Journal of Physics Condensed Matter, 2006, 18, 5155-5162.	0.7	17
60	Electron Spin Precession upon Reflecting from Ferromagnetic Surfaces. Physical Review Letters, 2006, 96, 137206.	2.9	9
61	Quasiparticle properties of the possible superconductor materials LiBC and NaBC. Europhysics Letters, 2005, 69, 311-311.	0.7	1
62	Crystal-field splittings and Kondo effect in materials (M=Ru, Rh, Pd). Journal of Magnetism and Magnetic Materials, 2005, 295, 180-182.	1.0	0
63	Electronic and optical properties of Î±, Î³, and Î² phases of MgH2: A first-principles GW investigation. Journal of Applied Physics, 2005, 98, 096106.	1.1	22
64	Excitonic and quasiparticle lifetime effects on silicon electron energy loss spectra from first principles. Physical Review B, 2005, 71, .	1.1	18
65	Spectral properties and crystal-field splittings inCeM2Si2(M=Ru, Rh, or Pd) compounds. Physical Review B, 2005, 71, .	1.1	16
66	Calculated quasiparticle and optical properties of orthorhombic and cubicCa2Si. Physical Review B, 2005, 72, .	1.1	46
67	Argan (Argania spinosa(L.) Skeels) seed germination under nursery conditions: Effect of cold storage, gibberellic acid and mother-tree genotype. Annals of Forest Science, 2004, 61, 191-194.	0.8	19
68	Quasiparticle properties of the possible superconductor materials LiBC and NaBC. Europhysics Letters, 2004, 68, 846-852.	0.7	10
69	Magnetic structure and transport properties of noncollinearLaMn2X2(X=Ge,Si)systems. Physical Review B, 2004, 70, .	1.1	19
70	Perpendicular-current giant magnetoresistance of Mâˆ•Cuâˆ•M (001) junctions (M=Fe, Co, or Ni):â€ƒAnab initiostudy. Journal of Applied Physics, 2004, 96, 4352-4356.	1.1	9
71	Calculated electronic and transport properties of Fe/GaAs/Fe(001) tunnel junctions. Surface Science, 2004, 566-568, 303-308.	0.8	10
72	Noncollinear magnetism in LaMn2Ge2 and LaMn2Si2 compounds. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E265-E266.	1.0	1

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73	Band contribution to the electronic transport in noncollinear magnetic materials: application to LaMnGe. Physica B: Condensed Matter, 2004, 354, 154-157.	1.3	2
74	Implementation of an all-electron GW approximation based on the projector augmented wave method without plasmon pole approximation: Application to Si, SiC, AlAs, InAs, NaH, and KH. Physical Review B, 2003, 67, .	1.1	199
75	Pressure-induced simultaneous metal-insulator and structural-phase transitions in LiH: A quasiparticle study. Europhysics Letters, 2003, 63, 562-568.	0.7	50
76	LDA+U calculated electronic and structural properties of NiO(001) and NiO(111) p(2Ã—2) surfaces. Computational Materials Science, 2002, 24, 192-198.	1.4	29
77	Magneto-optical properties of iron thin films on paramagnetic substrates. Computational Materials Science, 2002, 24, 208-212.	1.4	1
78	Spin-axis-dependent magnetic properties of FePt and CoPt. Physica B: Condensed Matter, 2002, 320, 221-225.	1.3	4
79	Calculated magnetic properties of low-dimensional systems: the AuCu- and AuCu3-type ferromagnets. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 27-32.	1.0	32
80	Local-field and excitonic effects in the calculated optical properties of semiconductors from first-principles. Physical Review B, 2001, 63, .	1.1	75
81	Ab initiothermodynamics of metals: Al and W. Physical Review B, 2001, 63, .	1.1	91
82	Surface magnetism of 3d monolayers on a W(110) substrate probed by X-ray magnetic circular dichroism. Surface Science, 2001, 482-485, 1030-1034.	0.8	5
83	Sign reversal of the orbital moment via ligand states. Physical Review B, 2001, 63, .	1.1	35
84	Electron-hole excitations inMg2SiandMg2Gecompounds. Physical Review B, 2001, 64, .	1.1	52
85	Tuning the orbital moment in transition metal compounds using ligand states. Journal of Physics Condensed Matter, 2001, 13, 4553-4566.	0.7	8
86	Probing the4pelectron-spin polarization in NiO. Physical Review B, 2001, 63, .	1.1	37
87	Band Structure Analysis of Resonant Photoemission in ZrO2. Physica Status Solidi (B): Basic Research, 2000, 221, 681-688.	0.7	0
88	Calculated optical absorption spectra of Ni 2+ -bearing compounds. Physics and Chemistry of Minerals, 2000, 27, 170-178.	0.3	15
89	XMCD AT THE 3d METAL K-EDGE IN RARE EARTH-TRANSITION METAL ALLOYS: INFLUENCE OF THE RARE EARTH. , 2000, , .		0
90	Experimental and theoretical x-ray magnetic-circular-dichroism study of the magnetic properties ofCo50Pt50thin films. Physical Review B, 2000, 62, 1157-1166.	1.1	87

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91	Theoretical study of magnetic properties and x-ray magnetic circular dichroism of the orderedFe0.5Pd0.5alloy. Physical Review B, 2000, 61, 599-608.	1.1	28
92	Interface magnetism in ultrathin Fe/W(110) films from first principles. Physical Review B, 2000, 62, 3923-3928.	1.1	66
93	Effect of hydrogen on the interlayer exchange coupling in Fe/V superlattices. Physical Review B, 2000, 61, 4870-4876.	1.1	35
94	Taming the ground-state and optical properties of transition metal oxides. Computational Materials Science, 2000, 17, 146-150.	1.4	2
95	Calculated Nb superconducting transition temperature under hydrostatic pressure. Computational Materials Science, 2000, 17, 202-205.	1.4	12
96	Calculated X-ray magnetic circular dichroism of the ordered and disordered FePd alloy. Computational Materials Science, 2000, 17, 455-458.	1.4	4
97	Perpendicular magnetic anisotropy of binary alloys: A total-energy calculation. Physical Review B, 2000, 62, 6475-6484.	1.1	91
98	All-electron projector-augmented-waveGWapproximation: Application to the electronic properties of semiconductors. Physical Review B, 2000, 62, 4464-4476.	1.1	90
99	Implementation of the projector augmented-wave LDA+U method: Application to the electronic structure of NiO. Physical Review B, 2000, 62, 16392-16401.	1.1	494
100	Ab initioground state andL2,3x-ray magnetic circular dichroism of Mn-based Heusler alloys. Physical Review B, 2000, 61, 4093-4102.	1.1	96
101	Calculated Nb superconducting transition temperature under hydrostatic pressure. High Pressure Research, 2000, 17, 393-400.	0.4	3
102	The physics of magnetic materials from ab-initio calculations. Current Opinion in Solid State and Materials Science, 1999, 4, 499-504.	5.6	5
103	Full-Potential LMTO Total Energy and Force Calculations. , 1999, , 148-167.		58
104	Excited States Calculated by Means of the Linear Mu.n-Tin Orbital Method. , 1999, , 168-190.		1
105	LDA modeling of the electronic structure of the halogen-bridged transition-metal chain compounds. Computational Materials Science, 1998, 10, 381-387.	1.4	1
106	Scaling of theL2,3circular magnetic x-ray dichroism of Fe nitrides. Physical Review B, 1998, 57, 9502-9506.	1.1	35
107	Ab initiocalculation of binding and diffusion of a Ga adatom on theGaAsâ€,(001)â^'c(4Ã—4)surface. Physical Review B, 1998, 58, 1499-1505.	1.1	33
108	Rare-earth contributions to the x-ray magnetic circular dichroism at the CoKedge in rare-earthâ€“cobalt compounds investigated by multiple-scattering calculations. Physical Review B, 1998, 58, 12271-12281.	1.1	39

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109	A real-space full-potential localized LMTO method for non-collinear magnetism. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 78, 463-467.	0.6	0
110	Ab InitioCalculation of Crystalline Electric Fields and Kondo Temperatures in Ce Compounds. Physical Review Letters, 1997, 78, 939-942.	2.9	32
111	Optical properties of graphite from first-principles calculations. Physical Review B, 1997, 55, 4999-5005.	1.1	115
112	Hard-XMCD and Magnetic EXAFS in the Multiple Scattering Approach. European Physical Journal Special Topics, 1997, 7, C2-435-C2-436.	0.2	0
113	Calculated optical properties of Si, Ge, and GaAs under hydrostatic pressure. Physical Review B, 1996, 54, 2480-2490.	1.1	118
114	Multiple-scattering theory of x-ray magnetic circular dichroism: Implementation and results for the ironKedge. Physical Review B, 1996, 54, 7334-7349.	1.1	96
115	Prediction of an undimerized, insulating, antiferromagnetic ground state in halogen-bridged linear-chain Ni compounds. Physical Review B, 1995, 52, R6975-R6978.	1.1	7
116	Accuracy of alloy partial densities of states as determined by valence-band photoelectron diffraction. Physical Review B, 1995, 51, 9497-9507.	1.1	5
117	Optical and electronic-structure study of cubic and hexagonal GaN thin films. Physical Review B, 1995, 52, 8082-8091.	1.1	109
118	Modeling of nonlinear optic and ESR response of CDW MX Materials. Synthetic Metals, 1995, 71, 1659-1662.	2.1	6
119	Modeling the excitonic, nonlinear optic, and esr response in CDW and SDW MX materials. , 1994, , .		0
120	Tuning of the Charge-Density Wave in the Halogen-Bridged Transition-Metal Linear-Chain Compounds. Physical Review Letters, 1994, 72, 4156-4156.	2.9	0
121	Final-state rule and the absorption spectra of 3dferromagnets. Physical Review B, 1994, 49, 16038-16041.	1.1	8
122	Alouaniet al.Reply. Physical Review Letters, 1994, 73, 3599-3599.	2.9	2
123	Calculated and measured uv reflectivity of SiC polytypes. Physical Review B, 1994, 50, 10722-10726.	1.1	60
124	The quasiparticle properties of UPt3 and the high-Tc cuprates. Physica B: Condensed Matter, 1994, 199-200, 186-190.	1.3	4
125	Calculated Hubbard interaction in the neutral MX chain systems. Synthetic Metals, 1993, 56, 3358-3363.	2.1	4
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127	Magnetic properties of the neutral MX chain systems. Synthetic Metals, 1993, 56, 3352-3357.	2.1	1
128	Ground-state properties of the PtBr neutral Mx chain compound. Synthetic Metals, 1993, 56, 3364-3369.	2.1	1
129	Optical reflectivity of 3C and 4Hâ€SiC polytypes: Theory and experiment. Applied Physics Letters, 1993, 63, 2747-2749.	1.5	49
130	Tuning of the charge-density wave in the halogen-bridged transition-metal linear-chain compounds. Physical Review Letters, 1993, 71, 1415-1418.	2.9	30
131	Ab InitioCalculation of the Dimerization in the Halogen-Bridged Transition-Metal Linear-Chain CompoundPt2Br6(NH3)4. Physical Review Letters, 1992, 69, 3104-3107.	2.9	19
132	Theoretical and experimental investigation of the linear optical response of YBa2Cu4O8. Physica C: Superconductivity and Its Applications, 1992, 200, 413-417.	0.6	4
133	Calculated elastic constants and structural properties of Mo andMoSi2. Physical Review B, 1991, 43, 6500-6509.	1.1	162
134	Electronic properties of mixed-valence Ptî—¸Br chains. Synthetic Metals, 1991, 42, 2739-2743.	2.1	13
135	Investigation of the dielectric tensor in YBa2Cu3O7. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1473-1474.	0.6	5
136	Anisotropy and oxygen-stoichiometry dependence of the dielectric tensor ofYBa2Cu3O7â^'Î´(0â‰¤Î´â‰¤1). Physical Review B, 1991, 44, 217-224.	1.1	99
137	Electronic and optical properties of strained Ge/Si superlattices. Physical Review B, 1991, 43, 14597-14614.	1.1	96
138	Interband transitions in strain-symmetrizedGe4Si6superlattices. Physical Review Letters, 1990, 65, 1933-1936.	2.9	45
139	E2interband transitions inAlxGa1â^'xAs alloys. Physical Review B, 1990, 41, 2959-2965.	1.1	36
140	X-ray absorption ofYBa2Cu3O7: A band picture. Physical Review B, 1989, 40, 837-840.	1.1	48
141	Anisotropy of the dielectric function inYBa2Cu3O6. Physical Review B, 1989, 40, 7368-7371.	1.1	57
142	Calculated ground-state and optical properties of potassium under pressure. Physical Review B, 1989, 39, 8096-8106.	1.1	8
143	Optical properties of high-pressure metallic phases of Si and Ge. Semiconductor Science and Technology, 1989, 4, 250-251.	1.0	2
144	Calculation of band structure and superconductivity in the simple cubic phase of phosphorus. Journal of Low Temperature Physics, 1989, 75, 1-13.	0.6	25

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145	Calculated optical and structural properties of InP under pressure. Physical Review B, 1989, 39, 7705-7712.	1.1	56
146	Interband transitions in ScPd3 and YPd3. Solid State Communications, 1988, 65, 327-330.	0.9	4
147	Interband optical conductivity of La2CuO4. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1233-1234.	0.6	3
148	Calculated optical properties of semiconductors. Physical Review B, 1988, 37, 1167-1179.	1.1	129
149	Interband Transitions in Ultrathin GaAs-AlAs Superlattices. Physical Review Letters, 1988, 61, 1643-1646.	2.9	42
150	Calculated electronic properties of tetragonal crystalline Si-Ge alloys: Comparison to amorphous phases. Physical Review B, 1988, 38, 1378-1383.	1.1	2
151	Optical properties of metallic silicon. Physical Review B, 1988, 38, 12864-12867.	1.1	22
152	X-ray emission and absorption in intermetallic compounds: FeAl and FeRh. Journal of Physics F: Metal Physics, 1987, 17, 519-541.	1.6	12
153	Self-energy corrections to theabinitioband structure: Chromium. Physical Review B, 1987, 36, 929-938.	1.1	42
154	Linear muffin-tin orbitals and optical properties. Journal of Physics F: Metal Physics, 1986, 16, 473-482.	1.6	37
155	Interband absorption in aluminium under pressure. Journal De Physique, 1986, 47, 453-460.	1.8	14
156	One electron contribution to the L2, 3 emission satellites in Na and Al. Solid State Communications, 1986, 60, 657-661.	0.9	9
157	Heat of formation of the ferromagnetic monohydride of Co. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 119, 234-236.	0.9	2
158	Atomic-Migration-Controlled Processes in Intermetallics. Defect and Diffusion Forum, 0, 277, 113-118.	0.4	4