Claudia Felser

List of Publications by Year
in descending order

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454	32,888	4942 84	5663 162
papers	citations	h-index	g-index

468	468	468	19823
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Topological materials discovery from crystal symmetry. Nature Reviews Materials, 2022, 7, 196-216.	23.3	65
2	Giant anomalous Nernst signal in the antiferromagnet YbMnBi2. Nature Materials, 2022, 21, 203-209.	13.3	72
3	Binding Out of Relative Clauses in Native and Non-native Sentence Comprehension. Journal of Psycholinguistic Research, 2022, , 1.	0.7	2
4	Progress and prospects in magnetic topological materials. Nature, 2022, 603, 41-51.	13.7	133
5	Catalogue of flat-band stoichiometric materials. Nature, 2022, 603, 824-828.	13.7	65
6	FAIR data enabling new horizons for materials research. Nature, 2022, 604, 635-642.	13.7	81
7	Discourse Prominence and Antecedent Mis-Retrieval during Native and Non-Native Pronoun Resolution. Discours, 2022, , .	0.1	2
8	Giant intrinsic anomalous terahertz Faraday rotation in the magnetic Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>MnGa</mml:mi></mml:mrow></mml:math> at room temperature. Physical Review B, 2022, 105, .	3.7	16
9	Quasi-symmetry-protected topology in a semi-metal. Nature Physics, 2022, 18, 813-818.	6.5	15
10	All topological bands of all nonmagnetic stoichiometric materials. Science, 2022, 376, eabg9094.	6.0	84
11	Ultrahigh transverse thermoelectric power factor in flexible Weyl semimetal WTe2. Nature Communications, 2022, 13, .	5.8	26
12	The topology of electronic band structures. Nature Materials, 2021, 20, 293-300.	13.3	81
13	Evidence for Dominant Phonon-Electron Scattering in Weyl Semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WP</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review X, 2021, 11, .	2.8	28
14	Magnetic and Electronic Properties of Weyl Semimetal Co2MnGa Thin Films. Nanomaterials, 2021, 11, 251.	1.9	21
15	Correlative Coordination and Variable Subjectâ€“Verb Agreement in German. Languages, 2021, 6, 67.	0.3	1
16	Hard magnet topological semimetals in XPt3 compounds with the harmony of Berry curvature. Communications Physics, 2021, 4, .	2.0	8
17	Magnetic and electronic ordering phenomena in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> -layer honeycomb lattice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>AgRuO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2021, 103, .	1.1	10
18	New Empirical Approaches to Grammatical Variation and Change. Languages, 2021, 6, 113.	0.3	0

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19	Laser-Assisted Floating Zone Growth of BaFe2S3 Large-Sized Ferromagnetic-Impurity-Free Single Crystals. Crystals, 2021, 11, 758.	1.0	3
20	Pressure-induced superconductivity and modification of Fermi surface in type-II Weyl semimetal NbIrTe4. Npj Quantum Materials, 2021, 6, .	1.8	8
21	Ganzheitliche Betrachtung in der Materialentwicklung: Wasserâ€Elektrolyse als Fallbeispiel. Angewandte Chemie, 2021, 133, 20254-20260.	1.6	7
22	Holistic View on Materials Development: Water Electrolysis as a Case Study. Angewandte Chemie - International Edition, 2021, 60, 20094-20100.	7.2	15
23	ChapterÂ3. Second language prediction ability across different linguistic domains. Bilingual Processing and Acquisition, 2021, , 48-68.	0.2	4
24	Demonstration of valley anisotropy utilized to enhance the thermoelectric power factor. Nature Communications, 2021, 12, 5408.	5.8	66
25	Direct and Indirect Determination of the Magnetocaloric Effect in the Heusler Compound Ni1.7Pt0.3MnGa. Entropy, 2021, 23, 1273.	1.1	4
26	Gradience in subjectâ€“verb number agreement: Can bilinguals tune in?. Applied Psycholinguistics, 2021, 42, 1523-1551.	0.8	2
27	Different types of spin currents in the comprehensive materials database of nonmagnetic spin Hall effect. Npj Computational Materials, 2021, 7, .	3.5	16
28	Metallic Magnetic Materials. , 2021, , 693-808.		0
29	Eye-Tracking and Self-Paced Reading. , 2021, , 617-640.		0
30	Do processing resource limitations shape heritage language grammars?. Bilingualism, 2020, 23, 23-24.	1.0	4
31	Pressure-Induced Charge Disorderâ€“Order Transition in the Cs₄O₆ Sesquioxide. Inorganic Chemistry, 2020, 59, 1256-1264.	1.9	0
32	Optical method to detect the relationship between chirality of reciprocal space chiral multifold fermions and real space chiral crystals. Physical Review B, 2020, 102, .	1.1	6
33	Axion physics in condensed-matter systems. Nature Reviews Physics, 2020, 2, 682-696.	11.9	74
34	Helicity-dependent photocurrents in the chiral Weyl semimetal RhSi. Science Advances, 2020, 6, eaba0509.	4.7	129
35	Idiosyncratic Ag 7 Pt 2 O 7 : An Electron Imprecise yet Diamagnetic Small Band Gap Oxide. Angewandte Chemie - International Edition, 2020, 59, 19910-19913.	7.2	5
36	High-throughput calculations of magnetic topological materials. Nature, 2020, 586, 702-707.	13.7	241

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37	Structure and Magnetic Properties of Sr₂NaOsO₆. European Journal of Inorganic Chemistry, 2020, 2020, 3991-3995.	1.0	4
38	Idiosyncratic Ag 7 Pt 2 O 7 : An Electron Imprecise yet Diamagnetic Small Band Gap Oxide. Angewandte Chemie, 2020, 132, 20082-20085.	1.6	1
39	Evolution and competition between chiral spin textures in nanostripes with D _{2d} symmetry. Science Advances, 2020, 6, .	4.7	24
40	Water structure near the surface of Weyl semimetals as catalysts in photocatalytic proton reduction. Structural Dynamics, 2020, 7, 034101.	0.9	5
41	Mode-resolved reciprocal space mapping of electron-phonon interaction in the Weyl semimetal candidate Td-WTe2. Nature Communications, 2020, 11, 2613.	5.8	51
42	Effect of magnetic field on the hydrogen evolution activity using non-magnetic Weyl semimetal catalysts. Dalton Transactions, 2020, 49, 3398-3402.	1.6	13
43	Giant anomalous Hall and Nernst effect in magnetic cubic Heusler compounds. Npj Computational Materials, 2020, 6, .	3.5	57
44	Elliptical Bloch skyrmion chiral twins in an antiskyrmion system. Nature Communications, 2020, 11, 1115.	5.8	92
45	Anomalous and topological Hall effects in epitaxial thin films of the noncollinear antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></m Physical Review B, 2020, 101, .	1.1	68
46	Heterogeneous catalysis at the surface of topological materials. Applied Physics Letters, 2020, 116, .	1.5	52
47	Metallic nâ€Type Mg₃Sb₂ Single Crystals Demonstrate the Absence of Ionized Impurity Scattering and Enhanced Thermoelectric Performance. Advanced Materials, 2020, 32, e1908218.	11.1	116
48	Effects of chronological age on native and nonnative sentence processing: Evidence from subject-verb agreement in German. Journal of Memory and Language, 2020, 111, 104083.	1.1	7
49	A combined laser-based angle-resolved photoemission spectroscopy and two-photon photoemission spectroscopy study of Tdâ€“WTe₂. Journal of Physics Condensed Matter, 2020, 32, 345503.	0.7	3
50	Comprehensive scan for nonmagnetic Weyl semimetals with nonlinear optical response. Npj Computational Materials, 2020, 6, .	3.5	22
51	Synthesis, crystal and magnetic structure of the spin-chain compound Ag2RuO4. Physical Review Materials, 2020, 4, .	0.9	6
52	Island effects in Spanish comprehension. Glossa, 2020, 5, .	0.2	15
53	Brain responses elicited by implausible fillers and filled object gaps in German. Language Acquisition and Language Disorders, 2020, , 75-90.	0.1	1
54	Titelbild: Discovery of Elusive K₄O₆, a Compound Stabilized by Configurational Entropy of Polarons (Angew. Chem. 1/2019). Angewandte Chemie, 2019, 131, 1-1.	1.6	49

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55	The role of native and non-native grammars in the comprehension of possessive pronouns. Second Language Research, 2019, 35, 319-349.	1.2	10
56	Are AuPdTM (T = Sc, Y and M = Al, Ga, In), Heusler Compounds Superconductors without Inversion Symmetry?. Materials, 2019, 12, 2580.	1.3	13
57	Magneto-thermoelectric characterization of a HfTe5 micro-ribbon. Applied Physics Letters, 2019, 115, .	1.5	5
58	Resolving the topological classification of bismuth with topological defects. Science Advances, 2019, 5, eaax6996.	4.7	59
59	Switchable magnetic bulk photovoltaic effect in the two-dimensional magnet CrI3. Nature Communications, 2019, 10, 3783.	5.8	96
60	Fermi-arc diversity on surface terminations of the magnetic Weyl semimetal Co ₃ Sn ₂ S ₂. Science, 2019, 365, 1286-1291.	6.0	441
61	Intrinsic stability of magnetic anti-skyrmions in the tetragonal inverse Heusler compound Mn1.4Pt0.9Pd0.1Sn. Nature Communications, 2019, 10, 5305.	5.8	37
62	Elastic properties and stability of Heusler compounds: Cubic Co2YZ compounds with L21 structure. Journal of Applied Physics, 2019, 125, .	1.1	62
63	Delayed Application of Binding Condition C During Cataphoric Pronoun Resolution. Journal of Psycholinguistic Research, 2019, 48, 453-475.	0.7	10
64	Discovery of Elusive K₄O₆, a Compound Stabilized by Configurational Entropy of Polarons. Angewandte Chemie, 2019, 131, 155-159.	1.6	2
65	Discovery of Elusive K₄O₆, a Compound Stabilized by Configurational Entropy of Polarons. Angewandte Chemie - International Edition, 2019, 58, 149-153.	7.2	9
66	Straight from the horseâ€™s mouth. Linguistic Approaches To Bilingualism, 2019, 9, 398-426.	0.6	30
67	Reanalysing object gaps during non-native sentence processing: Evidence from ERPs. Second Language Research, 2019, 35, 285-300.	1.2	18
68	Inappropriate Choice of Definites in Turkish Heritage Speakers of German. Heritage Language Journal, 2019, 16, 22-43.	0.3	7
69	Structure-sensitive constraints in non-native sentence processing. Journal of the European Second Language Association, 2019, 3, 12-22.	0.4	11
70	Prediction of a magnetic Weyl semimetal without spin-orbit coupling and strong anomalous Hall effect in the Heusler compensated ferrimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ti</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2018, 97, .	1.1	74
71	Agreement attraction in native and nonnative speakers of German. Applied Psycholinguistics, 2018, 39, 619-647.	0.8	13
72	Quantum materials for thermoelectricity. MRS Bulletin, 2018, 43, 187-192.	1.7	46

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73	Comprehension of wh-questions in Turkishâ€“German bilinguals with aphasia: A dual-case study. Clinical Linguistics and Phonetics, 2018, 32, 640-660.	0.5	6
74	Quantum oscillations in the type-II Dirac semi-metal candidate PtSe₂. New Journal of Physics, 2018, 20, 043008.	1.2	28
75	Cataphoric pronoun resolution in native and non-native sentence comprehension. Journal of Memory and Language, 2018, 101, 97-113.	1.1	17
76	Dirac dispersion generates unusually large Nernst effect in Weyl semimetals. Physical Review B, 2018, 97, .	1.1	83
77	Topological Weyl semimetals in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>1</mml:mn> alloys. Physical Review B, 2018, 97, .	1.1	17
78	Sr₅Os₃O₁₃: a mixed valence osmium(<scp>v</scp>,<scp>vi</scp>) layered perovskite variant exhibiting temperature dependent charge distribution. Dalton Transactions, 2018, 47, 5968-5976.	1.6	6
79	Bursting at the seams: Rippled monolayer bismuth on NbSe ₂. Science Advances, 2018, 4, eaaq0330.	4.7	28
80	Pressure-induced superconductivity and topological quantum phase transitions in a quasi-one-dimensional topological insulator: Bi4I4. Npj Quantum Materials, 2018, 3, .	1.8	34
81	Verwey-type charge ordering transition in an open-shell p -electron compound. Science Advances, 2018, 4, eaap7581.	4.7	13
82	Proximity-Induced Superconductivity and Quantum Interference in Topological Crystalline Insulator SnTe Thin-Film Devices. Nano Letters, 2018, 18, 1264-1268.	4.5	17
83	Synthesis and thermoelectric properties of Rashba semiconductor BiTeBr with intensive texture. Rare Metals, 2018, 37, 274-281.	3.6	20
84	SOME NOTES ON THE SHALLOW STRUCTURE HYPOTHESIS. Studies in Second Language Acquisition, 2018, 40, 693-706.	1.8	129
85	Interplay Between Superconductivity and Magnetism in Cu-Doped FeSe Under Pressure. Journal of Superconductivity and Novel Magnetism, 2018, 31, 763-769.	0.8	6
86	Rational design of transparent p-type conducting non-oxide materials from high-throughput calculations. Journal of Materials Chemistry C, 2018, 6, 541-549.	2.7	27
87	Electronic properties of topological insulator candidate CaAgAs. Journal of Physics Condensed Matter, 2018, 30, 045501.	0.7	18
88	Departure from the Wiedemannâ€“Franz law in WP2 driven by mismatch in T-square resistivity prefactors. Npj Quantum Materials, 2018, 3, .	1.8	72
89	Verarbeitung von Pronomen bei erwachsenen L2-Lernern. , 2018, , 195-220.		0
90	Crystal and magnetic structure of antiferromagnetic Mn₂PtPd. Journal of Physics Condensed Matter, 2018, 30, 265803.	0.7	5

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91	Topological surface Fermi arcs in the magnetic Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	1.1	159
92	Lanthanide Contraction as a Design Factor for Highâ€Performance Halfâ€Heusler Thermoelectric Materials. Advanced Materials, 2018, 30, e1800881.	11.1	101
93	Canted ferrimagnetism and giant coercivity in the nonstoichiometric double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">Si</mml:mi><mml:mrow><mml:mn>1.75</mml:mn></mml:mrow></mml:msub><mml:mi	1.1	20
94	Helical magnetic structure and the anomalous and topological Hall effects in epitaxial B20 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> films. Physical Review B, 2018, 97, .	1.1	50
95	Strong anomalous Nernst effect in collinear magnetic Weyl semimetals without net magnetic moments. Physical Review B, 2018, 97, .	1.1	34
96	Strength of garden-path effects in native and non-native speakersâ€™ processing of objectâ€“subject ambiguities. International Journal of Bilingualism, 2017, 21, 125-144.	0.6	13
97	Cobalt-Based Single-Ion Magnets on an Apatite Lattice: Toward Patterned Arrays for Magnetic Memories. Inorganic Chemistry, 2017, 56, 1232-1240.	1.9	25
98	Multiple Dirac cones at the surface of the topological metal LaBi. Nature Communications, 2017, 8, 13942.	5.8	135
99	Impurity screening and stability of Fermi arcs against Coulomb and magnetic scattering in a Weyl monopnictide. Physical Review B, 2017, 95, .	1.1	16
100	Mesoscopic superconductivity and high spin polarization coexisting at metallic point contacts on Weyl semimetal TaAs. Nature Communications, 2017, 8, 13974.	5.8	53
101	Topological Materials: Weyl Semimetals. Annual Review of Condensed Matter Physics, 2017, 8, 337-354.	5.2	1,110
102	Completely compensated ferrimagnetism and sublattice spin crossing in the half-metallic Heusler compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub><mml:mspace width="0.16em" /><mml:msub><mml:mi>FeV</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mspace width="0.16em" /><mml:mi>Al</mml:mi></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	1.1	53
103	AgRuO₃, a Strongly Exchangeâ€Coupled Honeycomb Compound Lacking Longâ€Range Magnetic Order. Chemistry - A European Journal, 2017, 23, 4680-4686.	1.7	12
104	Strong anisotropic anomalous Hall effect and spin Hall effect in the chiral antiferromagnetic compounds<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>	1.1	197
105	Topological Quantum Phase Transition and Superconductivity Induced by Pressure in the Bismuth Tellurohalide BiTeI. Advanced Materials, 2017, 29, 1605965.	11.1	51
106	A Co-based single-molecule magnet confined in a barium phosphate apatite matrix with a high energy barrier for magnetization relaxation. Chemical Communications, 2017, 53, 5416-5419.	2.2	27
107	Optimized thermoelectric performance of the n-type half-Heusler material TiNiSn by substitution and addition of Mn. AIP Advances, 2017, 7, .	0.6	20
108	Agreement processing and attraction errors in aging: evidence from subject-verb agreement in German. Aging, Neuropsychology, and Cognition, 2017, 24, 672-702.	0.7	9

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109	Unusual magnetotransport from Si-square nets in topological semimetal HfSiS. Physical Review B, 2017, 95, .	1.1	55
110	Weyl Semimetals as Hydrogen Evolution Catalysts. Advanced Materials, 2017, 29, 1606202.	11.1	169
111	The impact of focus on pronoun resolution in native and non-native sentence comprehension. Second Language Research, 2017, 33, 403-429.	1.2	8
112	Sensitivity to Crossover Constraints During Native and Non-native Pronoun Resolution. Journal of Psycholinguistic Research, 2017, 46, 771-789.	0.7	10
113	Sensitivity to parasitic gaps inside subject islands in native and non-native sentence processing. Bilingualism, 2017, 20, 494-511.	1.0	22
114	â€œIsolatedâ€•DyO⁺ Embedded in a Ceramic Apatite Matrix Featuring Singleâ€Molecule Magnet Behavior with a High Energy Barrier for Magnetization Relaxation. Angewandte Chemie, 2017, 129, 13601-13605.	1.6	8
115	Magnetic field induced strong valley polarization in the three-dimensional topological semimetal LaBi. Physical Review B, 2017, 96, .	1.1	10
116	Double crystallographic groups and their representations on the Bilbao Crystallographic Server. Journal of Applied Crystallography, 2017, 50, 1457-1477.	1.9	177
117	Hidden type-II Weyl points in the Weyl semimetal NbP. Physical Review B, 2017, 96, .	1.1	9
118	Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators. Physical Review Letters, 2017, 119, 136401.	2.9	75
119	Lifshitz Transitions Induced by Temperature and Surface Doping in Typeâ€II Weyl Semimetal Candidate T_dâ€WTe₂. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700209.	1.2	14
120	Half-metallic compensated ferrimagnetism with a tunable compensation point over a wide temperature range in the Mn-Fe-V-Al Heusler system. AIP Advances, 2017, 7, .	0.6	18
121	Publisher's Note: Unusual magnetotransport from Si-square nets in topological semimetal HfSiS [Phys. Rev. B 95 , 121109(R) (2017)]. Physical Review B, 2017, 95, .	1.1	2
122	Magnetic antiskyrmions above room temperature in tetragonal Heusler materials. Nature, 2017, 548, 561-566.	13.7	513
123	Pressure-induced superconductivity up to 13.1 K in the pyrite phase of palladium diselenide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>PdS</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	1.1	66
124	â€œIsolatedâ€•DyO⁺ Embedded in a Ceramic Apatite Matrix Featuring Singleâ€Molecule Magnet Behavior with a High Energy Barrier for Magnetization Relaxation. Angewandte Chemie - International Edition, 2017, 56, 13416-13420.	7.2	49
125	Heteroepitaxial growth of tetragonal Mn2.7â^'xFexGa1.3 (0 â‰¤ x â‰¤ 1.2) Heusler films with perpendicular magnetic anisotropy. APL Materials, 2017, 5, .	2.2	13
126	Experimental signatures of the mixed axialâ€“gravitational anomaly in the Weyl semimetal NbP. Nature, 2017, 547, 324-327.	13.7	222

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127	Photochemical Water Splitting by Bismuth Chalcogenide Topological Insulators. ChemPhysChem, 2017, 18, 2322-2327.	1.0	54
128	Stability of Weyl points in magnetic half-metallic Heusler compounds. Physical Review B, 2017, 96, .	1.1	32
129	Chiral magnetoresistance in the Weyl semimetal NbP. Scientific Reports, 2017, 7, 43394.	1.6	71
130	Enhancing Thermoelectric Performance of TiNiSn Half-Heusler Compounds via Modulation Doping. Chemistry of Materials, 2017, 29, 7042-7048.	3.2	81
131	Observation of nodal line in non-symmorphic topological semimetal InBi. New Journal of Physics, 2017, 19, 065007.	1.2	51
132	Native and Non-native Speakersâ€™ Brain Responses to Filled Indirect Object Gaps. Journal of Psycholinguistic Research, 2017, 46, 1319-1338.	0.7	10
133	Improved thermoelectric properties of TiNiSn through enhancing strain field fluctuation. Journal Physics D: Applied Physics, 2017, 50, 425502.	1.3	7
134	Optical signature of Weyl electronic structures in tantalum pnictides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ta</mml:mi><mml:mi>P</mml:mi><mml:mi>n</mml:mi> (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:r	1.1	48
135	Antecedent contained deletions in native and non-native sentence processing. Linguistic Approaches To Bilingualism, 2017, 7, 554-582.	0.6	4
136	Effects of Aging on Interference During Pronoun Resolution. Journal of Speech, Language, and Hearing Research, 2017, 60, 3573-3589.	0.7	9
137	Extremely high magnetoresistance and conductivity in the type-II Weyl semimetals WP2 and MoP2. Nature Communications, 2017, 8, 1642.	5.8	178
138	Predicting the sources of impairedwh-question comprehension in non-fluent aphasia: A cross-linguistic machine learning study on Turkish and German. Cognitive Neuropsychology, 2017, 34, 312-331.	0.4	7
139	Slow Spin Relaxation in Dioxocobaltate(II) Anions Embedded in the Lattice of Calcium Hydroxyapatite. Inorganic Chemistry, 2017, 56, 14077-14083.	1.9	13
140	Observation of a remarkable reduction of correlation effects in BaCr ₂ As ₂ by ARPES. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12425-12429.	3.3	14
141	Spin-Polarized Current in Noncollinear Antiferromagnets. Physical Review Letters, 2017, 119, 187204.	2.9	168
142	Heusler 4.0: Tunable Materials. Annual Review of Materials Research, 2017, 47, 247-270.	4.3	132
143	Large out-of-plane and linear in-plane magnetoresistance in layered hafnium pentatelluride. Physical Review B, 2017, 95, .	1.1	14
144	Antiferromagnetic structure and electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaCr</mml:mi><mml:mn>2</mml:mn></mml xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaCrFeAs</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2017, 95, .	1.1	32

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145	Superconductivity in Alkaline Earth Metal-Filled Skutterudites Ba_xIr₄X₁₂ (X = As, P). Journal of the American Chemical Society, 2017, 139, 8106-8109.	6.6	13
146	Pressure effect on superconductivity in FeSe_{0.5}Te_{0.5}. Physica Status Solidi (B): Basic Research, 2017, 254, 1600161.	0.7	7
147	Editorial: Encoding and Navigating Linguistic Representations in Memory. Frontiers in Psychology, 2017, 8, 164.	1.1	5
148	Size-dependent structural and magnetic properties of chemically synthesized Co-Ni-Ga nanoparticles. Nano Research, 2017, 10, 3421-3433.	5.8	19
149	Topological origin of the type-II Dirac fermions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>PtSe</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2017, 1, .	0.9	44
150	The Role of Ionized Impurity Scattering on the Thermoelectric Performances of Rock Salt AgPb_mSnSe₂₊_m. Advanced Functional Materials, 2016, 26, 5149-5157.	7.8	62
151	Large Magnetization and Reversible Magnetocaloric Effect at the Secondâ€Order Magnetic Transition in Heusler Materials. Advanced Materials, 2016, 28, 3321-3325.	11.1	83
152	Î²â€Ag₃RuO₄, a Ruthenate(V) Featuring Spin Tetramers on a Twoâ€Dimensional Trigonal Lattice. Angewandte Chemie - International Edition, 2016, 55, 4467-4471.	7.2	15
153	[Cs₆Cl][Fe₂₄Se₂₆]: A Hostâ€“Guest Compound with Unique Feâ€“Se Topology. Chemistry - A European Journal, 2016, 22, 4626-4631.	1.7	8
154	Isotropic, high coercive field in melt-spun tetragonal Heusler Mn₃Ge. APL Materials, 2016, 4, 086113.	2.2	8
155	Hg₄O₃[ReO₄]₂, Featuring a 2D Polycationic Framework [Hg₄O₃]²⁺ with Tetrahedral Rhenate(VII) Anions Embedded. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1359-1363.	0.6	1
156	Negative magnetoresistance without well-defined chirality in the Weyl semimetal TaP. Nature Communications, 2016, 7, 11615.	5.8	429
157	Metal-insulator transition and the anomalous Hall effect in the layered magnetic materials VS₂ and VSe₂. New Journal of Physics, 2016, 18, 113038.	1.2	75
158	Binding and coreference in non-native language processing. , 2016, , 241-266.		4
159	Reducing the Schottky barrier height at the MoSe2/Mo(110) interface in thin-film solar cells: Insights from first-principles calculations. Thin Solid Films, 2016, 606, 143-147.	0.8	13
160	Two-dimensional rectangular tantalum carbide halides TaCX (X = Cl, Br, I): novel large-gap quantum spin Hall insulators. 2D Materials, 2016, 3, 035018.	2.0	21
161	Pressure-driven superconductivity in the transition-metal pentatelluride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>HfT</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	1.1	46
162	Strong Intrinsic Spin Hall Effect in the TaAs Family of Weyl Semimetals. Physical Review Letters, 2016, 117, 146403.	2.9	164

#	Article	IF	Citations
163	Pressure-induced transition to Ni2In-type phase in lithium sulfide (Li2S). Solid State Sciences, 2016, 61, 220-224.	1.5	4
164	Transparent conducting oxide induced by liquid electrolyte gating. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11148-11151.	3.3	20
165	Sr2OsO5 and Sr7Os4O19, Two Structurally Related, Mott Insulating Osmates(VI) Exhibiting Substantially Reduced Spin Paramagnetic Response. Inorganic Chemistry, 2016, 55, 8201-8206.	1.9	6
166	Compensated Ferrimagnetic Tetragonal Heusler Thin Films for Antiferromagnetic Spintronics. Advanced Materials, 2016, 28, 8499-8504.	11.1	46
167	Magnetic properties and Curie temperatures of disordered Heusler compounds:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2016, 94, .	1.1	20
168	Halfâ€Heusler materials as model systems for phaseâ€separated thermoelectrics. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 716-731.	0.8	29
169	Large anomalous Hall effect driven by a nonvanishing Berry curvature in the noncolinear antiferromagnet Mn ₃ Ge. Science Advances, 2016, 2, e1501870.	4.7	561
170	Quantum oscillations and the Fermi surface topology of the Weyl semimetal NbP. Physical Review B, 2016, 93, .	1.1	64
171	Active role of nonmagnetic cations in magnetic interactions for double-perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>B</mml:mi><mml:mi>Os</mml:mi><mml:msub><mml:m		

#	Article	IF	Citations
181	Termination layer compensated tunnelling magnetoresistance in ferrimagnetic Heusler compounds with high perpendicular magnetic anisotropy. Nature Communications, 2016, 7, 10276.	5.8	72
182	Visualizing weakly bound surface Fermi arcs and their correspondence to bulk Weyl fermions. Science Advances, 2016, 2, e1600709.	4.7	83
183	Development of hard X-ray photoelectron SPLEED-based spectrometer applicable for probing of buried magnetic layer valence states. Journal of Electron Spectroscopy and Related Phenomena, 2016, 211, 12-18.	0.8	9
184	Reanalysis and semantic persistence in native and non-native garden-path recovery. Quarterly Journal of Experimental Psychology, 2016, 69, 907-925.	0.6	55
185	LiCuS, an intermediate phase in the electrochemical conversion reaction of CuS with Li: A potential environment-friendly battery and solar cell material. Solid State Sciences, 2016, 55, 83-87.	1.5	9
186	Synthesis and Three-Dimensional Magnetic Field Mapping of Co₂FeGa Heusler Nanowires at 5 nm Resolution. Nano Letters, 2016, 16, 114-120.	4.5	39
187	Insights into Intrinsic Defects and the Incorporation of Na and K in the Cu₂ZnSnSe₄ Thin-Film Solar Cell Material from Hybrid-Functional Calculations. Journal of Physical Chemistry C, 2016, 120, 2064-2069.	1.5	18
188	Correlation Between T c and Hyperfine Parameters of Fe in Layered Chalcogenide Superconductors. Journal of Superconductivity and Novel Magnetism, 2016, 29, 573-576.	0.8	4
189	Miscibility Gap in the Phase Diagrams of Thermoelectric Half-Heusler Materials CoTi $$_{1-x}Y_x$$ 1 - x Y x Sb (Y = Sc, V, Mn, Fe). Journal of Electronic Materials, 2016, 45, 1382-1388.	1.0	10
190	Topological Insulators Within the Family of Heusler Materials. Springer Series in Materials Science, 2016, , 465-477.	0.4	3
191	Heusler Compounds Go Nano. Springer Series in Materials Science, 2016, , 111-132.	0.4	2
192	Behavior of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î£</mml:mi><mml:mn>3</mml:mn></mml:math>Grain Boundaries in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CuInSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow>	1.1	7
193	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CuGaSe</mml:mi><mml:mn>2</mml:mn></</mml:math>. Physical Review Applie Spin texture and mirror Chern number in Hg-based chalcogenides. Physical Review B, 2015, 91, .	1.1	11
194	One-dimensional quantum antiferromagnetism in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-orbital<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CsO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>compound revealed by electron paramagnetic resonance. Physical Review B, 2015, 91, .	1.1	17
195	Magnetism in tetragonal manganese-rich Heusler compounds. Physical Review B, 2015, 92, .	1.1	77
196	Prediction of Weyl semimetal in orthorhombic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	1.1	511
197	Topological nodal-line fermions and quantum spin Hall insulators in square-octagonal<mml:math		

#	Article	IF	Citations
199	New developments in the area of topological insulators. AIP Conference Proceedings, 2015, , .	0.3	0
200	Longâ€Term Stability of (Ti/Zr/Hf)CoSb_{1â^'x}Sn_x Thermoelectric pâ€Type Halfâ€Heusler Compounds Upon Thermal Cycling. Energy Technology, 2015, 3, 1217-1224.	1.8	31
201	Sr₂MgOsO₆: A Frustrated Os⁶⁺ (5d²) Double Perovskite with Strong Antiferromagnetic Interactions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 769-771.	0.6	11
202	Pb₂PdO₂(OH)₂ and Pb₂PdO(OH)₄(H₂O): Synthesis and Crystal Growth at Ambient Conditions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1473-1479.	0.6	3
203	Structural constraints on pronoun binding and coreference: evidence from eye movements during reading. Frontiers in Psychology, 2015, 6, 840.	1.1	29
204	Looking at the evidence in visual world: eye-movements reveal how bilingual and monolingual Turkish speakers process grammatical evidentiality. Frontiers in Psychology, 2015, 6, 1387.	1.1	37
205	Charge carrier concentration optimization of thermoelectric p-type half-Heusler compounds. APL Materials, 2015, 3, .	2.2	46
206	Referential context effects in non-native relative clause ambiguity resolution. International Journal of Bilingualism, 2015, 19, 298-313.	0.6	34
207	Topological states on the gold surface. Nature Communications, 2015, 6, 10167.	5.8	148
208	54. Syntax and Language Processing. , 2015, , 1875-1911.		0
209	Quantum Anomalous Hall Effect in Magnetic Insulator Heterostructure. Nano Letters, 2015, 15, 2019-2023.	4.5	50
210	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of Sr₂BOsO₆ (B = Y, In, Sc). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 197-205.	0.6	47
211	Proximity enhanced quantum spin Hall state in graphene. Carbon, 2015, 87, 418-423.	5.4	29
212	Forward scattering in hard X-ray photoelectron spectroscopy: Structural investigation of buried Mnâ€“Ga films. Applied Physics Letters, 2015, 106, 052402.	1.5	1
213	Fine tuning of thermoelectric performance in phase-separated half-Heusler compounds. Journal of Materials Chemistry C, 2015, 3, 10409-10414.	2.7	62
214	Spin-resolved low-energy and hard x-ray photoelectron spectroscopy of off-stoichiometric Co₂MnSi Heusler thin films exhibiting a record TMR. Journal Physics D: Applied Physics, 2015, 48, 164002.	1.3	16
215	A combined experimental and theoretical study of the structural, electronic and vibrational properties of bulk and few-layer Td-WTe₂. Journal of Physics Condensed Matter, 2015, 27, 285401.	0.7	61
216	Ultrafine MnWO4 nanoparticles and their magnetic properties. Solid State Sciences, 2015, 46, 89-94.	1.5	10

#	Article	IF	Citations
217	Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. Nature Physics, 2015, 11, 645-649.	6.5	893
218	Magnetic dichroism study on Mn_{1.8}Co_{1.2}Ga thin film using a combination of x-ray absorption and photoemission spectroscopy. Journal Physics D: Applied Physics, 2015, 48, 164007.	1.3	9
219	Direct measurement of the magnetic anisotropy field in Mnâ€“Ga and Mnâ€“Coâ€“Ga Heusler films. Journal Physics D: Applied Physics, 2015, 48, 164006.	1.3	19
220	Intercalation effect on hyperfine parameters of Fe in FeSe superconductor with T _c = 42â€šK. Europhysics Letters, 2015, 109, 67004.	0.7	10
221	Basics and prospective of magnetic Heusler compounds. APL Materials, 2015, 3, 041518.	2.2	177
222	Effects of Annealing on the Martensitic Transformation of Ni-Based Ferromagnetic Shape Memory Heusler Alloys and Nanoparticles. Metals, 2015, 5, 484-503.	1.0	14
223	Structural, electronic, and magnetic properties of perpendicularly magnetised Mn2RhSn thin films. Journal Physics D: Applied Physics, 2015, 48, 164008.	1.3	8
224	A scheme for spin-selective electron localization in Mn₃Ga Heusler material. Journal Physics D: Applied Physics, 2015, 48, 164004.	1.3	13
225	Theoretical search for half-Heusler topological insulators. Physical Review B, 2015, 91, .	1.1	54
226	Design of compensated ferrimagnetic Heusler alloys for giant tunable exchange bias. Nature Materials, 2015, 14, 679-684.	13.3	250
227	A large family of filled skutterudites stabilized by electron count. Nature Communications, 2015, 6, 6489.	5.8	52
228	Na₄IrO₄: Squareâ€Planar Coordination of a Transition Metal in d⁵ Configuration due to Weak Onâ€Site Coulomb Interactions. Angewandte Chemie - International Edition, 2015, 54, 5417-5420.	7.2	13
229	New Family of Quantum Spin Hall Insulators in Two-dimensional Transition-Metal Halide with Large Nontrivial Band Gaps. Nano Letters, 2015, 15, 7867-7872.	4.5	104
230	Hybrid-Functional Calculations on the Incorporation of Na and K Impurities into the CuInSe₂ and CuIn₅Se₈ Solar-Cell Materials. Journal of Physical Chemistry C, 2015, 119, 25197-25203.	1.5	45
231	Chemical Synthesis and Characterization of Î³-Co₂NiGa Nanoparticles with a Very High Curie Temperature. Chemistry of Materials, 2015, 27, 6994-7002.	3.2	19
232	Does Dutch a-scrambling involve movement? Evidence from antecedent priming. Linguistic Review, 2015, 32, .	0.2	3
233	Phase Separation in RbxFe2â^’ySe2 Probed by Non-stoichiometry and Cu Doping. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1315-1319.	0.8	8
234	Magnetic and transport properties in the Heusler series Ni2â^’xMn1+xSn affected by chemical disorder. Intermetallics, 2015, 57, 101-112.	1.8	30

#	Article	IF	Citations
235	Resolving the true band gap of ZrNiSn half-Heusler thermoelectric materials. Materials Horizons, 2015, 2, 68-75.	6.4	99
236	The online application of binding condition B in native and non-native pronoun resolution. Frontiers in Psychology, 2014, 5, 147.	1.1	34
237	Ab initio study of topological surface states of strained HgTe. Europhysics Letters, 2014, 107, 57006.	0.7	21
238	STATE OFCoANDMnIN HALF-METALLIC FERROMAGNETCo₂MnSiEXPLORED BY MAGNETIC CIRCULAR DICHROISM IN HARD X-RAY PHOTOELECTRON EMISSION AND SOFT X-RAY ABSORPTION SPECTROSCOPIES. Spin, 2014, 04, 1440017.	0.6	13
239	Magnetism in cubic manganese-rich Heusler compounds. Physical Review B, 2014, 90, .	1.1	119
240	Probing the electronic states of high-TMR off-stoichiometric Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>MnSi thin films by hard x-ray photoelectron spectroscopy. Physical Review B, 2014, 89, .	1.1	26
241	Paramagnetic to ferromagnetic phase transition in lightly Fe-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">B</mml:mi></mml:math>. Physical Review B, 2014, 89, .	1.1	20
242	Structural Implications of Spin, Charge, and Orbital Ordering in Rubidium Sesquioxide, Rb4O6. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1239-1246.	0.6	12
243	Topological insulators. MRS Bulletin, 2014, 39, 843-846.	1.7	13
244	Pressure-induced structural phase transition in the half-Heusler compound CaAuBi. Solid State Sciences, 2014, 30, 6-10.	1.5	24
245	Lattice-Site-Specific Spin Dynamics in Double Perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mr Physical Review Letters, 2014, 112, 147202.	2.9	59
246	Predicting the stability of surface phases of molybdenum selenides. Applied Physics Letters, 2014, 104, .	1.5	2
247	Magnetic phase transitions and iron valence in the double perovskite Sr 2 FeOsO 6. Hyperfine Interactions, 2014, 226, 289-297.	0.2	12
248	Heusler nanoparticles for spintronics and ferromagnetic shape memory alloys. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2014, 32, .	0.6	45
249	First-principles investigation of the bulk and low-index surfaces of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Mo</mml:mi><mml:msub><mml:mi>Se</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2014, 89, .	1.1	19
250	New Mn₂â€based Heusler Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 738-752.	0.6	68
251	Weak topological insulators induced by the interlayer coupling: A first-principles study of stacked Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te. Physical Review B, 2014, 89, .	1.1	46
252	Evidence of surface transport and weak antilocalization in a single crystal of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Se</mml:mi></mml:math>topological insulator. Physical Review B, 2014, 90, .	1.1	50

#	Article	IF	Citations
253	Enhanced thermoelectric performance in the p-type half-Heusler (Ti/Zr/Hf)CoSb_{0.8}Sn_{0.2} system via phase separation. Physical Chemistry Chemical Physics, 2014, 16, 25258-25262.	1.3	116
254	Robust 2D Topological Insulators in van der Waals Heterostructures. ACS Nano, 2014, 8, 10448-10454.	7.3	88
255	Optimization of the carrier concentration in phase-separated half-Heusler compounds. Journal of Materials Chemistry A, 2014, 2, 13513-13518.	5.2	47
256	Rich diversity of single-ion magnet features in the linear OCu^{III}O^{â^'} ion confined in the hexagonal channels of alkaline-earth phosphate apatites. Chemical Communications, 2014, 50, 9325-9328.	2.2	27
257	Distinct Electronic Structure of the Electrolyte Gate-Induced Conducting Phase in Vanadium Dioxide Revealed by High-Energy Photoelectron Spectroscopy. ACS Nano, 2014, 8, 5784-5789.	7.3	27
258	Ab initiostudy of low-temperature magnetic properties of double perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">FeOsO</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	52
259	Variable binding and coreference in sentence comprehension: Evidence from eye movements. Journal of Memory and Language, 2014, 71, 39-56.	1.1	32
260	Hard X-ray photoelectron spectroscopy on buried, off-stoichiometric Co x Mn y Ge z (x:z=2:0.38) Heusler thin films. Applied Physics A: Materials Science and Processing, 2013, 111, 395-405.	1.1	12
261	Disorder-induced cubic phase in Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>-based Heusler alloys. Physical Review B, 2013, 87, .	1.1	24
262	Lattice Instability and Competing Spin Structures in the Double Perovskite Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>FeOsO</mml:mi><mml:mm Physical Review Letters, 2013, 111, 167205.	2.9	100
263	Graphene-Based Topological Insulator with an Intrinsic Bulk Band Gap above Room Temperature. Nano Letters, 2013, 13, 6251-6255.	4.5	116
264	Bulk electronic structure studied by hard X-ray photoelectron spectroscopy of the valence band: The case of intermetallic compounds. Journal of Electron Spectroscopy and Related Phenomena, 2013, 190, 249-267.	0.8	22
265	Electronic and crystalline structures of zero band-gap LuPdBi thin films grown epitaxially on MgO(100). Applied Physics Letters, 2013, 102, .	1.5	10
266	A large-energy-gap oxide topological insulator based on the superconductor BaBiO3. Nature Physics, 2013, 9, 709-711.	6.5	152
267	Electrical and Optical Properties of Sb-Doped BaSnO₃. Chemistry of Materials, 2013, 25, 3858-3866.	3.2	83
268	The role of working memory in the processing of reflexives. Language and Cognitive Processes, 2013, 28, 188-219.	2.3	65
269	Skyrmions. Angewandte Chemie - International Edition, 2013, 52, 1631-1634.	7.2	26
270	Physical vapor deposition of Bi2S3 as absorber material in thin film photovoltaics. Thin Solid Films, 2013, 535, 394-397.	0.8	37

#	Article	IF	Citations
271	Magnetic dichroism in angular resolved hard X-ray photoelectron spectroscopy from buried magnetic layers. Journal of Electron Spectroscopy and Related Phenomena, 2013, 189, 146-151.	0.8	5
272	Tetragonal Heusler Compounds for Spintronics. IEEE Transactions on Magnetics, 2013, 49, 682-685.	1.2	49
273	Realization of Spin Gapless Semiconductors: The Heusler Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Mn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>CoAl</mml:mi></mml:math>. Physical Review Letters, 2013, 110, 100401.	7.9	417
274	Topological phase transition in bulk materials described by the coherent potential approximation technique. Physica Status Solidi - Rapid Research Letters, 2013, 7, 82-89.	1.2	8
275	Topological Insulators - From Materials Design to Reality. Physica Status Solidi - Rapid Research Letters, 2013, 7, 13-14.	1.2	5
276	Lone Pair Effect, Structural Distortions, and Potential for Superconductivity in Tl Perovskites. Inorganic Chemistry, 2013, 52, 5479-5483.	1.9	38
277	Topological insulators and thermoelectric materials. Physica Status Solidi - Rapid Research Letters, 2013, 7, 91-100.	1.2	162
278	Magnetic Heusler Compounds. Handbook of Magnetic Materials, 2013, , 1-75.	0.6	25
279	First-principles study of the structural stability of cubic, tetragonal and hexagonal phases in Mn₃Z (Z=Ga, Sn and Ge) Heusler compounds. Journal of Physics Condensed Matter, 2013, 25, 206006.	0.7	67
280	Theoretical Study on the Structure and Energetics of Cd Insertion and Cu Depletion of CuIn5Se8. Journal of Physical Chemistry C, 2013, 117, 10892-10900.	1.5	24
281	Synthesis, Crystal Structure, and Physical Properties of Sr₂FeOsO₆. Inorganic Chemistry, 2013, 52, 6713-6719.	1.9	68
282	Exchange-spring like magnetic behavior of the tetragonal Heusler compound Mn2FeGa as a candidate for spin-transfer torque. Applied Physics Letters, 2013, 102, .	1.5	53
283	Theoretical Study on the Diffusion Mechanism of Cd in the Cu-Poor Phase of CuInSe₂ Solar Cell Material. Journal of Physical Chemistry C, 2013, 117, 25933-25938.	1.5	21
284	Synthesis, Crystal Structure, and Properties of the Ordered Double Perovskite Sr₂CoOsO₆. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2421-2425.	0.6	24
285	Improving Spinâ€Transport by Disorder. Advanced Functional Materials, 2013, 23, 832-838.	7.8	35
286	Electronic structure and nonsaturating magnetoresistance of superconducting Heusler topological insulators. Journal of Applied Physics, 2013, 113, 17E142.	1.1	14
287	Kinetic arrest related to a first-order ferrimagnetic to antiferromagnetic transition in the Heusler compound Mn2PtGa. Journal of Applied Physics, 2013, 113, .	1.1	22
288	Strong dependence of the tetragonal Mn2.1Ga thin film crystallization temperature window on seed layer. Applied Physics Letters, 2013, 103, 032410.	1.5	32

#	Article	IF	Citations
289	Superconductivity in HfCuGe 2 : A non-magnetic analog of the 1111 iron pnictides. Europhysics Letters, 2013, 101, 67001.	0.7	4
290	Loss of anisotropy in strained ultrathin epitaxial L1 Mn-Ga films. Applied Physics Letters, 2013, 103, .	1.5	42
291	Increasing Curie temperature in tetragonal Mn2RhSn Heusler compound through substitution of Rh by Co and Mn by Rh. Journal of Applied Physics, 2013, 113, .	1.1	20
292	Structural and magnetic properties of the Heusler compound Fe2MnGa. Journal of Applied Physics, 2013, 113, 17E301.	1.1	32
293	Topological surface states of Bi₂Se₃ coexisting with Se vacancies. Physica Status Solidi - Rapid Research Letters, 2013, 7, 148-150.	1.2	31
294	Fabrication and characterization of semiconducting halfâ€Heusler YPtSb thin films. Physica Status Solidi - Rapid Research Letters, 2013, 7, 145-147.	1.2	4
295	Preposition copying and pruning in present-day English. English Language and Linguistics, 2012, 16, 403-426.	0.3	37
296	Spin Polarimetry and Magnetic Dichroism on a Buried Magnetic Layer Using Hard X-ray Photoelectron Spectroscopy. Japanese Journal of Applied Physics, 2012, 51, 016602.	0.8	6
297	Hard x-ray photoemission spectroscopy of Bi2S3 thin films. Journal of Applied Physics, 2012, 112, 053705.	1.1	7
298	Effect of pressure on superconductivity in NaAlSi. Physical Review B, 2012, 86, .	1.1	16
299	Resolving the phase structure of nonstoichiometric Co2FeGa Heusler nanoparticles. Journal of Applied Physics, 2012, 112, .	1.1	22
300	Berry curvature and the anomalous Hall effect in Heusler compounds. Physical Review B, 2012, 85, .	1.1	79
301	Electronic structure and optical, mechanical, and transport properties of the pure, electron-doped, and hole-doped Heusler compound CoTiSb. Physical Review B, 2012, 86, .	1.1	49
302	A p-type Heusler compound: Growth, structure, and properties of epitaxial thin NiYBi films on MgO(100). Applied Physics Letters, 2012, 101, 212102.	1.5	11
303	Processing reflexives in a second language: The timing of structural and discourse-level constraints. Applied Psycholinguistics, 2012, 33, 571-603.	0.8	82
304	Electronic structure and linear magnetoresistance of the gapless topological insulator PtLuSb. Applied Physics Letters, 2012, 100, .	1.5	39
305	Superconductivity and magnetism in Rb0.8Fe1.6Se2under pressure. Physical Review B, 2012, 85, .	1.1	27
306	Mn2PtIn: A tetragonal Heusler compound with exchange bias behavior. Applied Physics Letters, 2012, 100, .	1.5	52

#	Article	IF	Citations
307	Actinide Topological Insulator Materials with Strong Interaction. Science, 2012, 335, 1464-1466.	6.0	85
308	Stoichiometry dependent phase transition in Mn-Co-Ga-based thin films: From cubic in-plane, soft magnetized to tetragonal perpendicular, hard magnetized. Applied Physics Letters, 2012, 101, .	1.5	36
309	Ultrahigh mobility and nonsaturating magnetoresistance in Heusler topological insulators. Physical Review B, 2012, 86, .	1.1	45
310	Prediction of Weak Topological Insulators in Layered Semiconductors. Physical Review Letters, 2012, 109, 116406.	2.9	85
311	Structure determination of thin CoFe films by anomalous x-ray diffraction. Journal of Applied Physics, 2012, 112, 074903.	1.1	4
312	Design Scheme of New Tetragonal Heusler Compounds for Spinâ€Transfer Torque Applications and its Experimental Realization. Advanced Materials, 2012, 24, 6283-6287.	11.1	226
313	Structural and magnetic properties of Fe₂CoGa Heusler nanoparticles. Journal Physics D: Applied Physics, 2012, 45, 295001.	1.3	20
314	Quaternary Heusler compounds Co_{2â^'x}Rh_xMnZ (Z = Ga, Sn, Sb): crystal structure, electronic structure, and magnetic properties. Journal of Physics Condensed Matter, 2012, 24, 046001.	0.7	29
315	Topological insulators in filled skutterudites. Physical Review B, 2012, 85, .	1.1	61
316	THE TIMING OF ISLAND EFFECTS IN NONNATIVE SENTENCE PROCESSING. Studies in Second Language Acquisition, 2012, 34, 67-98.	1.8	51
317	Thermomagnetic Properties Improved by Selfâ€Organized Floweâ€Like Phase Separation of Ferromagnetic Co₂Dy_{0.5}Mn_{0.5}Sn. Advanced Functional Materials, 2012, 22, 1822-1826.	7.8	8
318	Topological Insulators from a Chemistâ€™s Perspective. Angewandte Chemie - International Edition, 2012, 51, 7221-7225.	7.2	91
319	Magnetometry of buried layersâ€"Linear magnetic dichroism and spin detection in angular resolved hard X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 47-52.	0.8	56
320	Transport and optical properties of the gapless Heusler compound PtYSb. Applied Physics Letters, 2011, 99, .	1.5	22
321	Quaternary half-metallic Heusler ferromagnets for spintronics applications. Physical Review B, 2011, 83, .	1.1	237
322	Topological Insulators in Ternary Compounds with a Honeycomb Lattice. Physical Review Letters, 2011, 106, 156402.	2.9	89
323	Electronic and crystallographic structure, hard x-ray photoemission, and mechanical and transport properties of the half-metallic Heusler compound Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>MnGe. Physical Review B, 2011, 84, .	1.1	56
324	Heusler Compoundsâ€"A Material Class With Exceptional Properties. IEEE Transactions on Magnetics, 2011, 47, 367-373.	1.2	167

#	Article	IF	Citations
325	Electronic structure calculations for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">ZnFe</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 83, .	1.1	54
326	Transport and thermal properties of single- and polycrystalline NiZr0.5Hf0.5Sn. Applied Physics Letters, 2011, 99, 152112.	1.5	16
327	Electronic structure of Pt based topological Heusler compounds with C1b structure and â€œzero band gapâ€. Applied Physics Letters, 2011, 98, 211901.	1.5	44
328	Electronic, structural, and magnetic properties of the half-metallic ferromagnetic quaternary Heusler compounds CoFeMn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (xmlns:mml="http://www	1.1	221
329	Systematical, experimental investigations on LiMgZ (Z = P, As, Sb) wide band gap semiconductors. Journal Physics D: Applied Physics, 2011, 44, 475302.	1.3	36
330	Spatial inhomogeneities and defect structures in CIGS and CIS materials: An ab-initio based Monte Carlo study. , 2011, , .		3
331	Referential context effects in L2 ambiguity resolution: Evidence from self-paced reading. Lingua, 2011, 121, 221-236.	0.4	38
332	Defect structures in CuInSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: A combination of Monte Carlo simulations and density functional theory. Physical Review B, 2011, 83, .	1.1	16
333	Phase separation in superconducting and antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Fe by MÃ¶ssbauer spectroscopy. Physical Review B, 2011, 84, .	1.1	98
334	Magnetic dichroism in angle-resolved hard x-ray photoemission from buried layers. Physical Review B, 2011, 84, .	1.1	28
335	The effect of Fe doping on superconductivity in ZrRuP. Solid State Communications, 2011, 151, 1504-1506.	0.9	7
336	Epitaxial growth and thermoelectric properties of TiNiSn and Zr0.5Hf0.5NiSn thin films. Thin Solid Films, 2011, 520, 1010-1014.	0.8	32
337	Simple rules for the understanding of Heusler compounds. Progress in Solid State Chemistry, 2011, 39, 1-50.	3.9	1,742
338	The role of correlations in the high-pressure phase of FeSe. Journal of Physics Condensed Matter, 2011, 23, 205601.	0.7	5
339	Theoretical study of new acceptor and donor molecules based on polycyclic aromatic hydrocarbons. Journal of Molecular Spectroscopy, 2011, 265, 95-101.	0.4	27
340	An Alternative Approach to Improve the Thermoelectric Properties of Half-Heusler Compounds. Journal of Electronic Materials, 2011, 40, 702-706.	1.0	30
341	Quaternary Heusler Compounds without Inversion Symmetry: CoFe_{1+x}Ti_{1â€“x}Al and CoMn_{1+x}V_{1â€“x}Al. European Journal of Inorganic Chemistry, 2011, 2011, 3950-3954.	1.0	29
342	Childrenâ€™s processing of reflexives and pronouns in English: Evidence from eye-movements during listening. Journal of Memory and Language, 2011, 65, 128-144.	1.1	67

#	Article	IF	Citations
343	Pressure-restored superconductivity in Cu-substituted FeSe. Physical Review B, 2011, 84, .	1.1	19
344	Electronic structure and symmetry of valence states of epitaxial NiTiSn and NiZr0.5Hf0.5Sn thin films by hard x-ray photoelectron spectroscopy. Applied Physics Letters, 2011, 99, .	1.5	10
345	Tuning the magnetism of the Heusler alloys Mn_{3â^'}_xCo_xGa from soft and half-metallic to hard-magnetic for spin-transfer torque applications. Applied Physics Letters, 2011, 99, 222510.	1.5	72
346	Efficient Spin Injector Scheme Based on Heusler Materials. Physical Review Letters, 2011, 107, 047202.	2.9	96
347	Structure-property relations in the distorted ordered double perovskite Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>InReO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>6</mml:mn></mml:mrow	1.1	13
348	Symmetry of Valence States of Heusler Compounds Explored by Linear Dichroism in Hard-X-Ray Photoelectron Spectroscopy. Physical Review Letters, 2011, 107, 036402.	2.9	37
349	Electronic structure of fully epitaxial Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>TiSn thin	1.1	23
350	Electronic, magnetic, and structural properties of the ferrimagnet Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>CoSn. Physical Review B, 2011, 83, .	1.1	48
351	Exploring the details of the martensiteâ€“austenite phase transition of the shape memory Heusler compound Mn2NiGa by hard x-ray photoelectron spectroscopy, magnetic and transport measurements. Applied Physics Letters, 2011, 98, .	1.5	35
352	Formation of metallic colloids in CaF2 by intense ultraviolet light. Applied Physics Letters, 2011, 99, .	1.5	19
353	A theoretical investigation on the Cd doping of Cu-depleted CuInSe<inf>2</inf> materials. , 2011, , .		0
354	Anomalous transport properties of the half-metallic ferromagnets Co ₂ TiSi, Co ₂ TiGe and Co ₂ TiSn. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3588-3601.	1.6	54
355	Plausibility and recovery from garden paths in second language sentence processing. Applied Psycholinguistics, 2011, 32, 299-331.	0.8	93
356	Thermoelectric properties of spark plasma sintered composites based on TiNiSn half-Heusler alloys. Journal of Materials Research, 2011, 26, 1919-1924.	1.2	71
357	Investigation of the Thermoelectric Properties of LiAlSi and LiAlGe. Journal of Electronic Materials, 2010, 39, 1856-1860.	1.0	26
358	Phase separation in the quaternary Heusler compound CoTi(1â^'x)MnxSb â€“ A reduction in the thermal conductivity for thermoelectric applications. Scripta Materialia, 2010, 63, 1216-1219.	2.6	51
359	Eight-Coordinate Endohedral Rhenium, Osmium and Iridium Atoms in Rare-Earth Halide Cluster Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 2613-2619.	1.0	17
360	Magnetic polyorganosiloxane coreâ€“shell nanoparticles: Synthesis, characterization and magnetic fractionation. Journal of Magnetism and Magnetic Materials, 2010, 322, 3519-3526.	1.0	17

#	Article	IF	Citations
361	Seebeck coefficients of half-metallic ferromagnets. Solid State Communications, 2010, 150, 529-532.	0.9	82
362	Synthesis of graphene oxide-intercalated Î±-hydroxides by metathesis and their decomposition to graphene/metal oxide composites. Carbon, 2010, 48, 4343-4350.	5.4	38
363	Investigation of the Thermoelectric Properties of the Series TiCo_{1â€“x}Ni_xSn_xSb_{1â€“x}Â. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 132-136.	0.6	5
364	Magnetic and Structural Properties of Heusler Compounds with 27.8 Valence ElectronsÂ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 966-971.	0.6	2
365	Tunable multifunctional topological insulators in ternary Heusler compounds. Nature Materials, 2010, 9, 541-545.	13.3	804
366	Morphological Structure in Native and Nonnative Language Processing. Language Learning, 2010, 60, 21-43.	1.4	159
367	Phase-separation-induced changes in the magnetic and transport properties of the quaternary Heusler alloy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Co</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu Physical Review B, 2010, 82, .	1.1	26
368	Thermoelectric properties and electronic structure of substituted Heusler compounds: NiTi0.3â^'xScxZr0.35Hf0.35Sn. Applied Physics Letters, 2010, 97, .	1.5	22
369	Hyperfine magnetic field on iron atoms and Coâ€“Fe disordering in Co2FeSi. Journal of Applied Physics, 2010, 107, 09B106.	1.1	23
370	Indium-Gallium Segregation inCuInxGa1â^'xSe2: AnAbÂInitioâ€“Based MonteÂCarlo Study. Physical Review Letters, 2010, 105, 025702.	2.9	52
371	Probing the Size Effect of Co₂FeGa-SiO₂@C Nanocomposite Particles Prepared by a Chemical Approach. Chemistry of Materials, 2010, 22, 6575-6582.	3.2	27
372	Electronic structure, localization, and spin-state transition in Cu-substituted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>FeSe</mml:mtext><mml:mo>:</mml:mo><mml:msub><mml:mrow><mml:mtext>Fe</mml:m Physical Review B, 2010, 81, .	1.1	43
373	Optical properties of electron- and hole-doped semiconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>C</mml:mi><mml:msub><mml:mn>1</mml:mn><mml:mi>b</mml:mi></mml:msub></mml:m compounds:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NiTi</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2010, 82, .	1.1	99
374	A nondestructive analysis of the B diffusion in Taâ€“CoFeBâ€“MgOâ€“CoFeBâ€“Ta magnetic tunnel junctions by hard x-ray photoemission. Applied Physics Letters, 2010, 96, .	1.5	60
375	I-II-V half-Heusler compounds for optoelectronics:Ab initiocalculations. Physical Review B, 2010, 81, .	1.1	172
376	Itinerant half-metallic ferromagnets<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Co</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
379	Exotic magnetism in the alkali sesquioxidesRb4O6andCs4O6. Physical Review B, 2009, 79, .	1.1	22
380	New quarternary half metallic material CoFeMnSi. Journal of Applied Physics, 2009, 105, .	1.1	197
381	Electronic properties of Co₂MnSi thin films studied by hard x-ray photoelectron spectroscopy. Journal Physics D: Applied Physics, 2009, 42, 084011.	1.3	10
382	Electron correlations in Co₂Mn_{1â^'x}Fe_xSi Heusler compounds. Journal Physics D: Applied Physics, 2009, 42, 084002.	1.3	58
383	High spin polarization in Co₂CrAlâ€“Cr superlattice. Journal Physics D: Applied Physics, 2009, 42, 084014.	1.3	5
384	Grammatical Processing of Spoken Language in Child and Adult Language Learners. Journal of Psycholinguistic Research, 2009, 38, 305-319.	0.7	26
385	Crystal Structure of New Heusler Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 976-981.	0.6	131
386	Semiconducting halfâ€Heusler and LiGaGe structure type compounds. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1090-1095.	0.8	45
387	Cluster issue on Heusler compounds and devices. Journal Physics D: Applied Physics, 2009, 42, 080301-080301.	1.3	18
388	Exchange energies, Curie temperatures and magnons in Heusler compounds. Journal Physics D: Applied Physics, 2009, 42, 084013.	1.3	49
389	Electronic structure and transport properties of the Heusler compound Co₂TiAl. Journal Physics D: Applied Physics, 2009, 42, 084003.	1.3	78
390	Hard x-ray photoelectron spectroscopy of buried Heusler compounds. Journal Physics D: Applied Physics, 2009, 42, 084010.	1.3	18
391	A microscopic model for long-term laser damage in calcium fluoride. , 2009, , .		3
392	Thermoelectric properties of CoTiSb based compounds. Journal Physics D: Applied Physics, 2009, 42, 185401.	1.3	34
393	The on-line application of binding Principle A in English as a second language. Bilingualism, 2009, 12, 485-502.	1.0	66
394	Dysprosium-Based Ionic Liquid Crystals: Thermal, Structural, Photo- and Magnetophysical Properties. Crystal Growth and Design, 2009, 9, 4429-4437.	1.4	57
395	Electronic structure, magnetic properties and orderâ€“disorder phenomena in Co₂Mn_{1â^'x}Fe_xAl. Journal Physics D: Applied Physics, 2009, 42, 084007.	1.3	34
396	Superconductivity in palladium-based Heusler compounds. Physical Review B, 2009, 79, .	1.1	89

#	Article	IF	Citations
397	Heusler compounds as ternary intermetallic nanoparticles: Co₂FeGa. Journal Physics D: Applied Physics, 2009, 42, 084018.	1.3	46
398	Electronic Properties, Band Structure, and Fermi Surface Instabilities of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ni</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>3</mml:mn></mml:msub><. Physical Review Letters, 2009, 102, 046405.	2.9	43
399	Tin in silicate glasses: structure, thermodynamics and kinetics. Hyperfine Interactions, 2008, 183, 215-220.	0.2	0
400	Magnetic and Electronic Properties of RENiBi (RE = Pr, Sm, Gdâ€“Tm, Lu) Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2418-2422.	0.6	13
401	Dysprosium Roomâ€Temperature Ionic Liquids with Strong Luminescence and Response to Magnetic Fields. Angewandte Chemie - International Edition, 2008, 47, 7635-7638.	7.2	246
402	Giant magnetoresistance in semiconducting DyNiBi. Solid State Communications, 2008, 148, 175-177.	0.9	12
403	Structural, electronic, and magnetic properties of tetragonal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Ga</mml:mi></mml:msub></mml:mrow> Doped semiconductors as half-metallic materials: Experiments and first-principles calculations	11	245
404	of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">Ti</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></		

#	Article	IF	Citations
415	Challenging the Prediction of Anionogenic Ferromagnetism for Rb4O6. Journal of the American Chemical Society, 2007, 129, 6990-6991.	6.6	26
416	Structural characterization of the Co2FeZ (Z=Al, Si, Ga, and Ge) Heusler compounds by x-ray diffraction and extended x-ray absorption fine structure spectroscopy. Applied Physics Letters, 2007, 90, 172501.	1.5	101
417	Structural and magnetic properties of Co2FeAl1â^'xSix. Applied Physics Letters, 2007, 90, 242503.	1.5	63
418	Calculated electronic and magnetic properties of the half-metallic, transition metal based Heusler compounds. Journal Physics D: Applied Physics, 2007, 40, 1507-1523.	1.3	717
419	Spintronics: A Challenge for Materials Science and Solid-State Chemistry. Angewandte Chemie - International Edition, 2007, 46, 668-699.	7.2	963
420	Bulk sensitive photo emission spectroscopy of compounds. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 97-101.	0.8	15
421	Correlation in Heusler compounds YSi(Y=3d transition metal). Journal of Magnetism and Magnetic Materials, 2007, 310, 1626-1628.	1.0	32
422	The half-metallic ferromagnet. Journal of Magnetism and Magnetic Materials, 2007, 310, 1823-1825.	1.0	6
423	Antecedent Priming at Trace Positions in Childrenâ€™s Sentence Processing. Journal of Psycholinguistic Research, 2007, 36, 175-188.	0.7	77
424	Slater-Pauling rule and Curie temperature of Co2-based Heusler compounds. Journal of Applied Physics, 2006, 99, 08J106.	1.1	201
425	Covalent bonding and the nature of band gaps in some half-Heusler compounds. Journal Physics D: Applied Physics, 2006, 39, 776-785.	1.3	262
426	Properties of the quaternary half-metal-type Heusler alloyCo2Mn1â^'xFexSi. Physical Review B, 2006, 74, .	1.1	274
427	Valence electron rules for prediction of half-metallic compensated-ferrimagnetic behaviour of Heusler compounds with complete spin polarization. Journal of Physics Condensed Matter, 2006, 18, 6171-6181.	0.7	209
428	Investigation of Co2FeSi: The Heusler compound with highest Curie temperature and magnetic moment. Applied Physics Letters, 2006, 88, 032503.	1.5	381
429	Correlation in the transition-metal-based Heusler compoundsCo2MnSiandCo2FeSi. Physical Review B, 2006, 73, .	1.1	236
430	Structural properties of the quaternary Heusler compound Co2 Cr1â^'x Fex Al. Journal of Alloys and Compounds, 2006, 423, 159-162.	2.8	12
431	How native-like is non-native language processing?. Trends in Cognitive Sciences, 2006, 10, 564-570.	4.0	270
432	Half-metallic ferromagnetism with high magnetic moment and high Curie temperature in Co2FeSi. Journal of Applied Physics, 2006, 99, 08J103.	1.1	63

#	Article	IF	Citations
433	Structure and Properties of GdAuSn and the GdAuSn/MnAuSn System. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1273-1280.	0.6	19
434	Electronic structure and spectroscopy of the quaternary Heusler alloy Co2Cr1â^'xFexAl. Journal Physics D: Applied Physics, 2006, 39, 803-815.	1.3	130
435	Grammatical processing in language learners. Applied Psycholinguistics, 2006, 27, 3-42.	0.8	825
436	Magnetic transitions in double perovskiteSr2FeRe1â^'xSbxO6(0â©½xâ©½0.9). Physical Review B, 2006, 73, .	1.1	22
437	Structure and properties of CoMnSb in the context of half-metallic ferromagnetism. Physical Review B, 2006, 74, .	1.1	58
438	Continuity and shallow structures in language processing. Applied Psycholinguistics, 2006, 27, 107-126.	0.8	148
439	GAPS IN SECOND LANGUAGE SENTENCE PROCESSING. Studies in Second Language Acquisition, 2005, 27, .	1.8	167
440	Structural and magnetic properties of the solid solution series Sr2Fe1â€“xMxReO6(M = Cr, Zn). Journal of Materials Chemistry, 2005, 15, 1760.	6.7	18
441	Geometric, electronic, and magnetic structure ofCo2FeSi: Curie temperature and magnetic moment measurements and calculations. Physical Review B, 2005, 72, .	1.1	513
442	Design of magnetic materials: the electronic structure of the ordered, doped Heusler compound Co2Cr1â^'xFexAl. Journal of Physics Condensed Matter, 2005, 17, 7237-7252.	0.7	95
443	An Inorganic Double Helix Sheathing Alkali Metal Cations: ANb2P2S12(A=K, Rb, Cs), A Series of Thiophosphates Close to the Metal-Nonmetal Boundary-Chalcogenide Analogues of Transition-Metal Phosphate Bronzes?. Chemistry - A European Journal, 2004, 10, 382-391.	1.7	26
444	Wh-copying, phases, and successive cyclicity. Lingua, 2004, 114, 543-574.	0.4	154
445	Storage and integration in the processing of filler-gap dependencies: An ERP study of topicalization and wh-movement in German. Brain and Language, 2003, 87, 345-354.	0.8	113
446	Children's Processing of Ambiguous Sentences: A Study of Relative Clause Attachment. Language Acquisition, 2003, 11, 127-163.	0.5	104
447	The processing of ambiguous sentences by first and second language learners of English. Applied Psycholinguistics, 2003, 24, 453-489.	0.8	188
448	Antecedent priming at trace positions in Japanese long-distance scrambling. Journal of Psycholinguistic Research, 2002, 31, 531-571.	0.7	64
449	Metalâ€“Metal Distances, Electron Counts, and Superconducting TC's in AM2B2C. Journal of Solid State Chemistry, 2001, 160, 93-99.	1.4	14
450	WH-EXPLETIVES AND SECONDARY PREDICATION: GERMAN PARTIAL WH-MOVEMENT RECONSIDERED. Journal of Germanic Linguistics, 2001, 13, 5-38.	0.0	14

#	Article	IF	Citations
451	Aspectual Complement Clauses and the (Un-)Availability of Verb Raising. , 2000, , 163-194.		2
452	Perception and control: a Minimalist analysis of English direct perception complements. Journal of Linguistics, 1998, 34, 351-385.	0.5	62
453	Constraints on subject-verb agreement marking in Turkish-German bilingual speakers. Linguistic Approaches To Bilingualism, 0, , .	0.6	1
454	Antecedent Priming at Trace Positions in Childrenâ€™s Sentence Processing. Journal of Psycholinguistic Research, 0, , .	0.7	0