

Claudia Felser

List of Publications by Year in descending order

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454
papers

32,888
citations

4960

84
h-index

5539

163
g-index

468
all docs

468
docs citations

468
times ranked

19823
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple rules for the understanding of Heusler compounds. Progress in Solid State Chemistry, 2011, 39, 1-50.	7.2	1,742
2	Topological Materials: Weyl Semimetals. Annual Review of Condensed Matter Physics, 2017, 8, 337-354.	14.5	1,110
3	Spintronics: A Challenge for Materials Science and Solid-State Chemistry. Angewandte Chemie - International Edition, 2007, 46, 668-699.	13.8	963
4	Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. Nature Physics, 2015, 11, 645-649.	16.7	893
5	Grammatical processing in language learners. Applied Psycholinguistics, 2006, 27, 3-42.	1.1	825
6	Tunable multifunctional topological insulators in ternary Heusler compounds. Nature Materials, 2010, 9, 541-545.	27.5	804
7	Calculated electronic and magnetic properties of the half-metallic, transition metal based Heusler compounds. Journal Physics D: Applied Physics, 2007, 40, 1507-1523.	2.8	717
8	Superconductivity in Weyl semimetal candidate MoTe ₂ . Nature Communications, 2016, 7, 11038.	12.8	611
9	Large anomalous Hall effect driven by a nonvanishing Berry curvature in the noncollinear antiferromagnet Mn ₃ Ge. Science Advances, 2016, 2, e1501870.	10.3	561
10	Geometric, electronic, and magnetic structure of $\text{Co}_2\text{Mn}_2\text{FeSi}$. Curie temperature and magnetic moment measurements and calculations. Physical Review B, 2005, 72, .	3.2	513
11	Magnetic antiskyrmions above room temperature in tetragonal Heusler materials. Nature, 2017, 548, 561-566.	27.8	513
12	Prediction of Weyl semimetal in orthorhombic MoTe_2 . Physical Review B, 2015, 92, .	13.2	513
13	Fermi-arc diversity on surface terminations of the magnetic Weyl semimetal $\text{Co}_3\text{Sn}_2\text{S}_2$. Science, 2019, 365, 1286-1291.	12.6	441
14	Negative magnetoresistance without well-defined chirality in the Weyl semimetal TaP. Nature Communications, 2016, 7, 11615.	12.8	429
15	Realization of Spin Gapless Semiconductors: The Heusler Compound Mn_2CoAl . Physical Review Letters, 2013, 110, 100401.	7.8	417
16	Investigation of Co_2FeSi : The Heusler compound with highest Curie temperature and magnetic moment. Applied Physics Letters, 2006, 88, 032503.	3.3	381
17	Engineering half-Heusler thermoelectric materials using Zintl chemistry. Nature Reviews Materials, 2016, 1, .	48.7	340
18	Properties of the quaternary half-metal-type Heusler alloy $\text{Co}_2\text{Mn}_1-x\text{Fe}_x\text{Si}$. Physical Review B, 2006, 74, .	3.2	274

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37	Double crystallographic groups and their representations on the Bilbao Crystallographic Server. <i>Journal of Applied Crystallography</i> , 2017, 50, 1457-1477.	4.5	177
38	III-V half-Heusler compounds for optoelectronics: <i>Ab initio</i> calculations. <i>Physical Review B</i> , 2010, 81, .	3.2	172
39	Weyl Semimetals as Hydrogen Evolution Catalysts. <i>Advanced Materials</i> , 2017, 29, 1606202.	21.0	169
40	Spin-Polarized Current in Noncollinear Antiferromagnets. <i>Physical Review Letters</i> , 2017, 119, 187204.	7.8	168
41	GAPS IN SECOND LANGUAGE SENTENCE PROCESSING. <i>Studies in Second Language Acquisition</i> , 2005, 27, .	2.6	167
42	Heusler Compounds – A Material Class With Exceptional Properties. <i>IEEE Transactions on Magnetics</i> , 2011, 47, 367-373.	2.1	167
43	Strong Intrinsic Spin Hall Effect in the TaAs Family of Weyl Semimetals. <i>Physical Review Letters</i> , 2016, 117, 146403.	7.8	164
44	Topological insulators and thermoelectric materials. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 91-100.	2.4	162
45	Morphological Structure in Native and Nonnative Language Processing. <i>Language Learning</i> , 2010, 60, 21-43.	2.7	159
46	Topological surface Fermi arcs in the magnetic Weyl semimetal CoS_3 . <i>Physical Review B</i> , 2018, 97, .	3.2	159
47	Wh-copying, phases, and successive cyclicity. <i>Lingua</i> , 2004, 114, 543-574.	1.0	154
48	A large-energy-gap oxide topological insulator based on the superconductor BaBiO ₃ . <i>Nature Physics</i> , 2013, 9, 709-711.	16.7	152
49	Continuity and shallow structures in language processing. <i>Applied Psycholinguistics</i> , 2006, 27, 107-126.	1.1	148
50	Rational design of new materials for spintronics: Co_2FeZ ($\text{Z}=\text{Al, Ga, Si, Ge}$). <i>Science and Technology of Advanced Materials</i> , 2008, 9, 014102.	6.1	148
51	Topological states on the gold surface. <i>Nature Communications</i> , 2015, 6, 10167.	12.8	148
52	Multiple Dirac cones at the surface of the topological metal LaBi. <i>Nature Communications</i> , 2017, 8, 13942.	12.8	135
53	Progress and prospects in magnetic topological materials. <i>Nature</i> , 2022, 603, 41-51.	27.8	133
54	Heusler 4.0: Tunable Materials. <i>Annual Review of Materials Research</i> , 2017, 47, 247-270.	9.3	132

#	ARTICLE	IF	CITATIONS
55	Crystal Structure of New Heusler Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 976-981.	1.2	131
56	Electronic structure and spectroscopy of the quaternary Heusler alloy $\text{Co}_2\text{Cr}_{1-x}\text{FexAl}$. Journal Physics D: Applied Physics, 2006, 39, 803-815.	2.8	130
57	SOME NOTES ON THE SHALLOW STRUCTURE HYPOTHESIS. Studies in Second Language Acquisition, 2018, 40, 693-706.	2.6	129
58	Helicity-dependent photocurrents in the chiral Weyl semimetal RhSi. Science Advances, 2020, 6, eaba0509.	10.3	129
59	Processing wh-dependencies in a second language: a cross-modal priming study. Second Language Research, 2007, 23, 9-36.	2.0	125
60	Magnetism in cubic manganese-rich Heusler compounds. Physical Review B, 2014, 90, .	3.2	119
61	Itinerant half-metallic ferromagnets $\text{Co}_2\text{Cr}_{1-x}\text{FexAl}$		

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73	Phase separation in superconducting and antiferromagnetic $\text{Rb}_{0.8}\text{MnO}_2$ by Mössbauer spectroscopy. Physical Review B, 2011, 84, .	3.2	98
74	Efficient Spin Injector Scheme Based on Heusler Materials. Physical Review Letters, 2011, 107, 047202.	7.8	96
75	Switchable magnetic bulk photovoltaic effect in the two-dimensional magnet CrI_3 . Nature Communications, 2019, 10, 3783.	12.8	96
76	Design of magnetic materials: the electronic structure of the ordered, doped Heusler compound $\text{Co}_2\text{Cr}_{1-x}\text{Fe}_x\text{Al}$. Journal of Physics Condensed Matter, 2005, 17, 7237-7252.	1.8	95
77	Plausibility and recovery from garden paths in second language sentence processing. Applied Psycholinguistics, 2011, 32, 299-331.	1.1	93
78	Elliptical Bloch skyrmion chiral twins in an antiskyrmion system. Nature Communications, 2020, 11, 1115.	12.8	92
79	Topological Insulators from a Chemist's Perspective. Angewandte Chemie - International Edition, 2012, 51, 7221-7225.	13.8	91
80	Superconductivity in palladium-based Heusler compounds. Physical Review B, 2009, 79, .	3.2	89
81	Topological Insulators in Ternary Compounds with a Honeycomb Lattice. Physical Review Letters, 2011, 106, 156402.	7.8	89
82	Robust 2D Topological Insulators in van der Waals Heterostructures. ACS Nano, 2014, 8, 10448-10454.	14.6	88
83	Actinide Topological Insulator Materials with Strong Interaction. Science, 2012, 335, 1464-1466.	12.6	85
84	Prediction of Weak Topological Insulators in Layered Semiconductors. Physical Review Letters, 2012, 109, 116406.	7.8	85
85	All topological bands of all nonmagnetic stoichiometric materials. Science, 2022, 376, eabg9094.	12.6	84
86	Electrical and Optical Properties of Sb-Doped BaSnO_3 . Chemistry of Materials, 2013, 25, 3858-3866.	6.7	83
87	Large Magnetization and Reversible Magnetocaloric Effect at the Second-Order Magnetic Transition in Heusler Materials. Advanced Materials, 2016, 28, 3321-3325.	21.0	83
88	Observation of pseudo-two-dimensional electron transport in the rock salt-type topological semimetal LaBi . Physical Review B, 2016, 93, .	3.2	83
89	Visualizing weakly bound surface Fermi arcs and their correspondence to bulk Weyl fermions. Science Advances, 2016, 2, e1600709.	10.3	83
90	Dirac dispersion generates unusually large Nernst effect in Weyl semimetals. Physical Review B, 2018, 97, .	3.2	83

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91	Seebeck coefficients of half-metallic ferromagnets. <i>Solid State Communications</i> , 2010, 150, 529-532.	1.9	82
92	Processing reflexives in a second language: The timing of structural and discourse-level constraints. <i>Applied Psycholinguistics</i> , 2012, 33, 571-603.	1.1	82
93	Magnetic and electronic properties of double perovskites and estimation of their Curie temperatures by <i>ab initio</i> calculations. <i>Physical Review B</i> , 2008, 78, .	3.2	81
94	Enhancing Thermoelectric Performance of TiNiSn Half-Heusler Compounds via Modulation Doping. <i>Chemistry of Materials</i> , 2017, 29, 7042-7048.	6.7	81
95	The topology of electronic band structures. <i>Nature Materials</i> , 2021, 20, 293-300.	27.5	81
96	FAIR data enabling new horizons for materials research. <i>Nature</i> , 2022, 604, 635-642.	27.8	81
97	Berry curvature and the anomalous Hall effect in Heusler compounds. <i>Physical Review B</i> , 2012, 85, .	3.2	79
98	Electronic structure and transport properties of the Heusler compound Co_2TiAl . <i>Journal Physics D: Applied Physics</i> , 2009, 42, 084003.	2.8	78
99	Antecedent Priming at Trace Positions in Children's Sentence Processing. <i>Journal of Psycholinguistic Research</i> , 2007, 36, 175-188.	1.3	77
100	Magnetism in tetragonal manganese-rich Heusler compounds. <i>Physical Review B</i> , 2015, 92, .	3.2	77
101	Metal-insulator transition and the anomalous Hall effect in the layered magnetic materials VS_2 and VSe_2 . <i>New Journal of Physics</i> , 2016, 18, 113038.	2.9	75
102	Prediction of Triple Point Fermions in Simple Half-Heusler Topological Insulators. <i>Physical Review Letters</i> , 2017, 119, 136401.	7.8	75
103	Prediction of a magnetic Weyl semimetal without spin-orbit coupling and strong anomalous Hall effect in the Heusler compensated ferrimagnet $\text{Ti}_2\text{Mn}_2\text{Mn}_2$. <i>Physical Review B</i> , 2018, 97, .	3.2	74
104	Axion physics in condensed-matter systems. <i>Nature Reviews Physics</i> , 2020, 2, 682-696.	26.6	74
105	Tuning the magnetism of the Heusler alloys $\text{Mn}_3\text{Co}_x\text{Ga}$ from soft and half-metallic to hard-magnetic for spin-transfer torque applications. <i>Applied Physics Letters</i> , 2011, 99, 222510.	3.3	72
106	Termination layer compensated tunnelling magnetoresistance in ferrimagnetic Heusler compounds with high perpendicular magnetic anisotropy. <i>Nature Communications</i> , 2016, 7, 10276.	12.8	72
107	Departure from the Wiedemann-Franz law in WP2 driven by mismatch in T-square resistivity prefactors. <i>Npj Quantum Materials</i> , 2018, 3, .	5.2	72
108	Giant anomalous Nernst signal in the antiferromagnet YbMnBi_2 . <i>Nature Materials</i> , 2022, 21, 203-209.	27.5	72

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109	Thermoelectric properties of spark plasma sintered composites based on TiNiSn half-Heusler alloys. Journal of Materials Research, 2011, 26, 1919-1924.	2.6	71
110	Chiral magnetoresistance in the Weyl semimetal NbP. Scientific Reports, 2017, 7, 43394.	3.3	71
111	Synthesis, Crystal Structure, and Physical Properties of Sr ₂ FeOsO ₆ . Inorganic Chemistry, 2013, 52, 6713-6719.	4.0	68
112	New Mn ₂ -based Heusler Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 738-752.	1.2	68
113	Anomalous and topological Hall effects in epitaxial thin films of the noncollinear antiferromagnet Mn_3Sn . Physical Review B, 2020, 101, .	3.2	68
114	Children's processing of reflexives and pronouns in English: Evidence from eye-movements during listening. Journal of Memory and Language, 2011, 65, 128-144.	2.1	67
115	First-principles study of the structural stability of cubic, tetragonal and hexagonal phases in Mn ₃ Z (Z=Ga, Sn and Ge) Heusler compounds. Journal of Physics Condensed Matter, 2013, 25, 206006.	1.8	67
116	The on-line application of binding Principle A in English as a second language. Bilingualism, 2009, 12, 485-502.	1.3	66
117	Pressure-induced superconductivity up to 13.1 K in the pyrite phase of palladium diselenide PdS_2 . Physical Review B, 2017, 96, .	3.2	66
118	Demonstration of valley anisotropy utilized to enhance the thermoelectric power factor. Nature Communications, 2021, 12, 5408.	12.8	66
119	The role of working memory in the processing of reflexives. Language and Cognitive Processes, 2013, 28, 188-219.	2.2	65
120	Topological materials discovery from crystal symmetry. Nature Reviews Materials, 2022, 7, 196-216.	48.7	65
121	Catalogue of flat-band stoichiometric materials. Nature, 2022, 603, 824-828.	27.8	65
122	Antecedent priming at trace positions in Japanese long-distance scrambling. Journal of Psycholinguistic Research, 2002, 31, 531-571.	1.3	64
123	Quantum oscillations and the Fermi surface topology of the Weyl semimetal NbP. Physical Review B, 2016, 93, .	3.2	64
124	Half-metallic ferromagnetism with high magnetic moment and high Curie temperature in Co ₂ FeSi. Journal of Applied Physics, 2006, 99, 08J103.	2.5	63
125	Structural and magnetic properties of Co ₂ FeAl _{1-x} Si _x . Applied Physics Letters, 2007, 90, 242503.	3.3	63
126	Perception and control: a Minimalist analysis of English direct perception complements. Journal of Linguistics, 1998, 34, 351-385.	0.6	62

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127	Fine tuning of thermoelectric performance in phase-separated half-Heusler compounds. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10409-10414.	5.5	62
128	The Role of Ionized Impurity Scattering on the Thermoelectric Performances of Rock Salt $\text{AgPb}_m\text{SnSe}_{2+m}$. <i>Advanced Functional Materials</i> , 2016, 26, 5149-5157.	14.9	62
129	Elastic properties and stability of Heusler compounds: Cubic Co_2YZ compounds with L_{21} structure. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	62
130	Topological insulators in filled skutterudites. <i>Physical Review B</i> , 2012, 85, .	3.2	61
131	A combined experimental and theoretical study of the structural, electronic and vibrational properties of bulk and few-layer Td-WTe_2 . <i>Journal of Physics Condensed Matter</i> , 2015, 27, 285401.	1.8	61
132	A nondestructive analysis of the B diffusion in $\text{TaCoFeBâ€“MgOâ€“CoFeBâ€“Ta}$ magnetic tunnel junctions by hard x-ray photoemission. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	60
133	Lattice-Site-Specific Spin Dynamics in Double Perovskite $\text{Sr}_2\text{Mn}_2\text{O}_7$. <i>Physical Review Letters</i> , 2014, 112, 147202.	7.8	59
134	Resolving the topological classification of bismuth with topological defects. <i>Science Advances</i> , 2019, 5, eaax6996.	10.3	59
135	Structure and properties of CoMnSb in the context of half-metallic ferromagnetism. <i>Physical Review B</i> , 2006, 74, .	3.2	58
136	Electron correlations in $\text{Co}_2\text{Mn}_2\text{Fe}_2\text{Si}$ Heusler compounds. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 084002.	2.8	58
137	Dysprosium-Based Ionic Liquid Crystals: Thermal, Structural, Photo- and Magnetophysical Properties. <i>Crystal Growth and Design</i> , 2009, 9, 4429-4437. Graphene-like Dirac states and quantum spin Hall insulators in square-octagonal	3.0	57
138			

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145	Anomalous transport properties of the half-metallic ferromagnets Co_2TiSi , Co_2TiGe and Co_2TiSn . Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 3588-3601.	3.4	54
146	Theoretical search for half-Heusler topological insulators. Physical Review B, 2015, 91, .	3.2	54
147	Photochemical Water Splitting by Bismuth Chalcogenide Topological Insulators. ChemPhysChem, 2017, 18, 2322-2327.	2.1	54
148	Exchange-spring like magnetic behavior of the tetragonal Heusler compound Mn_2FeGa as a candidate for spin-transfer torque. Applied Physics Letters, 2013, 102, .	3.3	53
149	Mesoscopic superconductivity and high spin polarization coexisting at metallic point contacts on Weyl semimetal TaAs. Nature Communications, 2017, 8, 13974.	12.8	53
150	Completely compensated ferrimagnetism and sublattice spin crossing in the half-metallic Heusler compound $\text{Mn}_{1.5}\text{FeVAl}$. Physical Review B, 2017, 95, .	3.2	53
151	Indium-Gallium Segregation in $\text{CuIn}_x\text{Ga}_{1-x}\text{Se}_2$: An Ab Initio Based Monte Carlo Study. Physical Review Letters, 2010, 105, 025702.	7.8	52
152	Mn_2PtIn : A tetragonal Heusler compound with exchange bias behavior. Applied Physics Letters, 2012, 100, .	3.3	52
153	$\text{Sr}_2\text{FeOsO}_6$: A reduction in the thermal conductivity for thermoelectric applications. Scripta Materialia, 2010, 63, 1216-1219.	3.2	52
154	A large family of filled skutterudites stabilized by electron count. Nature Communications, 2015, 6, 6489.	12.8	52
155	Heterogeneous catalysis at the surface of topological materials. Applied Physics Letters, 2020, 116, .	3.3	52
156	Phase separation in the quaternary Heusler compound $\text{CoTi}_{(1-x)}\text{Mn}_x\text{Sb}$. A reduction in the thermal conductivity for thermoelectric applications. Scripta Materialia, 2010, 63, 1216-1219.	5.2	51
157	THE TIMING OF ISLAND EFFECTS IN NONNATIVE SENTENCE PROCESSING. Studies in Second Language Acquisition, 2012, 34, 67-98.	2.6	51
158	Topological Quantum Phase Transition and Superconductivity Induced by Pressure in the Bismuth Tellurohalide BiTe . Advanced Materials, 2017, 29, 1605965.	21.0	51
159	Observation of nodal line in non-symmorphic topological semimetal InBi . New Journal of Physics, 2017, 19, 065007.	2.9	51
160	Mode-resolved reciprocal space mapping of electron-phonon interaction in the Weyl semimetal candidate Td-WTe_2 . Nature Communications, 2020, 11, 2613.	12.8	51
161	Evidence of surface transport and weak antilocalization in a single crystal of the topological insulator Te_2Se . Physical Review B, 2014, 90, .	3.2	50
162	Quantum Anomalous Hall Effect in Magnetic Insulator Heterostructure. Nano Letters, 2015, 15, 2019-2023.	9.1	50

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163	Helical magnetic structure and the anomalous and topological Hall effects in epitaxial B2O ₇ films. <i>Physical Review B</i> , 2018, 97, .	2.5	50
164	Exchange energies, Curie temperatures and magnons in Heusler compounds. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 084013.	2.8	49
165	Electronic structure and optical, mechanical, and transport properties of the pure, electron-doped, and hole-doped Heusler compound CoTiSb. <i>Physical Review B</i> , 2012, 86, .	3.2	49
166	Tetragonal Heusler Compounds for Spintronics. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 682-685.	2.1	49
167	Isolated DyO ₂ Embedded in a Ceramic Apatite Matrix Featuring Single-Molecule Magnet Behavior with a High Energy Barrier for Magnetization Relaxation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13416-13420.	13.8	49
168	Titelbild: Discovery of Elusive K ₄ O ₆ , a Compound Stabilized by Configurational Entropy of Polarons (Angew. Chem. 1/2019). <i>Angewandte Chemie</i> , 2019, 131, 1-1.	2.0	49
169	Electronic, magnetic, and structural properties of the ferrimagnet Mn ₂ CoSn. <i>Physical Review B</i> , 2013, 88, .	3.2	48
170	Optimization of the carrier concentration in phase-separated half-Heusler compounds. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13513-13518.	10.3	47
171	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of Sr ₂ BiOsO ₆ (Bi = Y, In, Sc). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 197-205.	1.2	47
172	Heusler compounds as ternary intermetallic nanoparticles: Co ₂ FeGa. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 084018.	2.8	46
173	Weak topological insulators induced by the interlayer coupling: A first-principles study of stacked Bi ₂ Tel. <i>Physical Review B</i> , 2014, 89, .	3.2	46
174	Charge carrier concentration optimization of thermoelectric p-type half-Heusler compounds. <i>APL Materials</i> , 2015, 3, .	5.1	46
175	Pressure-driven superconductivity in the transition-metal pentatelluride HfT ₅ . <i>Physical Review B</i> , 2016, 94, .	3.2	46
176	Compensated Ferrimagnetic Tetragonal Heusler Thin Films for Antiferromagnetic Spintronics. <i>Advanced Materials</i> , 2016, 28, 8499-8504.	21.0	46
177	Quantum materials for thermoelectricity. <i>MRS Bulletin</i> , 2018, 43, 187-192.	3.5	46
178	Semiconducting half-Heusler and LiGaGe structure type compounds. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 1090-1095.	1.8	45
179	Ultrahigh mobility and nonsaturating magnetoresistance in Heusler topological insulators. <i>Physical Review B</i> , 2012, 86, .	3.2	45
180	Heusler nanoparticles for spintronics and ferromagnetic shape memory alloys. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2014, 32, .	1.2	45

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181	Hybrid-Functional Calculations on the Incorporation of Na and K Impurities into the CuInSe_2 and CuIn_5Se_8 Solar-Cell Materials. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25197-25203.	3.1	45
182	Electronic structure of Pt based topological Heusler compounds with C1b structure and $\epsilon=0$ band gap. <i>Applied Physics Letters</i> , 2011, 98, 211901.	3.3	44
183	Topological origin of the type-II Dirac fermions in PtSe_2 . <i>Physical Review Materials</i> , 2017, 1, 014001.	2.4	44
184	Doped semiconductors as half-metallic materials: Experiments and first-principles calculations of CoTi_2 . <i>Physical Review Materials</i> , 2017, 1, 014002.		

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199	Looking at the evidence in visual world: eye-movements reveal how bilingual and monolingual Turkish speakers process grammatical evidentiality. <i>Frontiers in Psychology</i> , 2015, 6, 1387.	2.1	37
200	Intrinsic stability of magnetic anti-skyrmions in the tetragonal inverse Heusler compound Mn _{1.4} Pt _{0.9} Pd _{0.1} Sn. <i>Nature Communications</i> , 2019, 10, 5305.	12.8	37
201	Probing the random distribution of half-metallic Co ₂ Mn _{1-x} Fe _x Si Heusler alloys. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	36
202	Systematical, experimental investigations on LiMgZ (Z = P, As, Sb) wide band gap semiconductors. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 475302.	2.8	36
203	Stoichiometry dependent phase transition in Mn-Co-Ga-based thin films: From cubic in-plane, soft magnetized to tetragonal perpendicular, hard magnetized. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	36
204	Berry phase and band structure analysis of the Weyl semimetal NbP. <i>Scientific Reports</i> , 2016, 6, 33859.	3.3	36
205	Exploring the details of the martensite-austenite phase transition of the shape memory Heusler compound Mn ₂ NiGa by hard x-ray photoelectron spectroscopy, magnetic and transport measurements. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	35
206	Improving Spin-Transport by Disorder. <i>Advanced Functional Materials</i> , 2013, 23, 832-838.	14.9	35
207	Thermoelectric properties of CoTiSb based compounds. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 185401.	2.8	34
208	Electronic structure, magnetic properties and order-disorder phenomena in Co ₂ Mn _{1-x} Fe _x Al. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 084007.	2.8	34
209	The online application of binding condition B in native and non-native pronoun resolution. <i>Frontiers in Psychology</i> , 2014, 5, 147.	2.1	34
210	Referential context effects in non-native relative clause ambiguity resolution. <i>International Journal of Bilingualism</i> , 2015, 19, 298-313.	1.2	34
211	Pressure-induced superconductivity and topological quantum phase transitions in a quasi-one-dimensional topological insulator: Bi ₄ I ₄ . <i>Npj Quantum Materials</i> , 2018, 3, .	5.2	34
212	Strong anomalous Nernst effect in collinear magnetic Weyl semimetals without net magnetic moments. <i>Physical Review B</i> , 2018, 97, .	3.2	34
213	Active role of nonmagnetic cations in magnetic interactions for double-perovskite $S_{\text{B}} \text{Os}_{\text{Os}}$		

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217	Structural and magnetic properties of the Heusler compound Fe ₂ MnGa. Journal of Applied Physics, 2013, 113, 17E301.	2.5	32
218	Variable binding and coreference in sentence comprehension: Evidence from eye movements. Journal of Memory and Language, 2014, 71, 39-56.	2.1	32
219	Stability of Weyl points in magnetic half-metallic Heusler compounds. Physical Review B, 2017, 96, .	3.2	32
220	Antiferromagnetic structure and electronic properties of BaCrMn_2 . Physical Review B, 2017, 95, .	3.2	32
221	Topological surface states of Bi ₂ Se ₃ coexisting with Se vacancies. Physica Status Solidi - Rapid Research Letters, 2013, 7, 148-150.	2.4	31
222	Long-Term Stability of (Ti/Zr/Hf)CoSb _{1-x} Sn _x Thermoelectric Type Half-Heusler Compounds Upon Thermal Cycling. Energy Technology, 2015, 3, 1217-1224.	3.8	31
223	An Alternative Approach to Improve the Thermoelectric Properties of Half-Heusler Compounds. Journal of Electronic Materials, 2011, 40, 702-706.	2.2	30
224	Magnetic and transport properties in the Heusler series Ni _{2-x} Mn _{1+x} Sn affected by chemical disorder. Intermetallics, 2015, 57, 101-112.	3.9	30
225	Straight from the horse's mouth. Linguistic Approaches To Bilingualism, 2019, 9, 398-426.	0.9	30
226	Quaternary Heusler Compounds without Inversion Symmetry: CoFe _{1-x} Ti _x Al and CoMn _{1-x} V _x Al. European Journal of Inorganic Chemistry, 2011, 2011, 3950-3954.	2.0	29
227	Quaternary Heusler compounds Co _{2-x} Rh _x MnZ (Z = Ga, Sn, Sb): crystal structure, electronic structure, and magnetic properties. Journal of Physics Condensed Matter, 2012, 24, 046001.	1.8	29
228	Structural constraints on pronoun binding and coreference: evidence from eye movements during reading. Frontiers in Psychology, 2015, 6, 840.	2.1	29
229	Proximity enhanced quantum spin Hall state in graphene. Carbon, 2015, 87, 418-423.	10.3	29
230	Half-Heusler materials as model systems for phase-separated thermoelectrics. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 716-731.	1.8	29
231	Magnetic dichroism in angle-resolved hard x-ray photoemission from buried layers. Physical Review B, 2011, 84, .	3.2	28
232	Quantum oscillations in the type-II Dirac semi-metal candidate PtSe ₂ . New Journal of Physics, 2018, 20, 043008.	2.9	28
233	Bursting at the seams: Rippled monolayer bismuth on NbSe ₂ . Science Advances, 2018, 4, eaaq0330.	10.3	28
234	Evidence for Dominant Phonon-Electron Scattering in Weyl Semimetal WP_2 . Physical Review X, 2021, 11, .	8.9	28

#	ARTICLE	IF	CITATIONS
235	Probing the Size Effect of Co ₂ FeGa-SiO ₂ @C Nanocomposite Particles Prepared by a Chemical Approach. Chemistry of Materials, 2010, 22, 6575-6582.	6.7	27
236	Theoretical study of new acceptor and donor molecules based on polycyclic aromatic hydrocarbons. Journal of Molecular Spectroscopy, 2011, 265, 95-101.	1.2	27
237	Superconductivity and magnetism in Rb _{0.8} Fe _{1.6} Se ₂ under pressure. Physical Review B, 2012, 85, .	3.2	27
238	Rich diversity of single-ion magnet features in the linear OCu ^{III} O ²⁺ ion confined in the hexagonal channels of alkaline-earth phosphate apatites. Chemical Communications, 2014, 50, 9325-9328.	4.1	27
239	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.	14.6	27
240	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.	4.1	27
241	Rational design of transparent p-type conducting non-oxide materials from high-throughput calculations. Journal of Materials Chemistry C, 2018, 6, 541-549.	5.5	27
242	An Inorganic Double Helix Sheathing Alkali Metal Cations: ANb ₂ P ₂ S ₁₂ (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.	3.3	26
243	Challenging the Prediction of Anionogenic Ferromagnetism for Rb ₄ O ₆ . Journal of the American Chemical Society, 2007, 129, 6990-6991.	13.7	26
244	Conversion electron Mössbauer spectroscopy of epitaxial Co ₂ Cr _{0.6} Fe _{0.4} Al thin films. Applied Physics Letters, 2008, 92, 262501.	3.3	26
245	Grammatical Processing of Spoken Language in Child and Adult Language Learners. Journal of Psycholinguistic Research, 2009, 38, 305-319.	1.3	26
246	Investigation of the Thermoelectric Properties of LiAlSi and LiAlGe. Journal of Electronic Materials, 2010, 39, 1856-1860.	2.2	26
247	Phase-separation-induced changes in the magnetic and transport properties of the quaternary Heusler alloy $\text{Co}_{2-x}\text{Mn}_x\text{MnSi}$. Physical Review B, 2010, 82, .	3.2	26
248	Skymions. Angewandte Chemie - International Edition, 2013, 52, 1631-1634.	13.8	26
249	Probing the electronic states of high-TMR off-stoichiometric Co ₂ MnSi thin films by hard x-ray photoelectron spectroscopy. Physical Review B, 2014, 89, .	3.2	26
250	Ultrahigh transverse thermoelectric power factor in flexible Weyl semimetal WTe ₂ . Nature Communications, 2022, 13, .	12.8	26
251	Magnetic Heusler Compounds. Handbook of Magnetic Materials, 2013, , 1-75.	0.6	25
252	Cobalt-Based Single-Ion Magnets on an Apatite Lattice: Toward Patterned Arrays for Magnetic Memories. Inorganic Chemistry, 2017, 56, 1232-1240.	4.0	25

#	ARTICLE	IF	CITATIONS
253	Disorder-induced cubic phase in Fe $\text{-based Heusler alloys}$. <i>Physical Review B</i> , 2013, 87, .	3.2	24
254	Theoretical Study on the Structure and Energetics of Cd Insertion and Cu Depletion of CuIn_5Se_8 . <i>Journal of Physical Chemistry C</i> , 2013, 117, 10892-10900.	3.1	24
255	Synthesis, Crystal Structure, and Properties of the Ordered Double Perovskite Sr_2CoOs_6 . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2421-2425.	1.2	24
256	Pressure-induced structural phase transition in the half-Heusler compound CaAuBi . <i>Solid State Sciences</i> , 2014, 30, 6-10.	3.2	24
257	Evolution and competition between chiral spin textures in nanostripes with D_{2d} symmetry. <i>Science Advances</i> , 2020, 6, .	10.3	24
258	Hyperfine magnetic field on iron atoms and Co -Fe disordering in Co_2FeSi . <i>Journal of Applied Physics</i> , 2010, 107, 09B106.	2.5	23
259	Electronic structure of fully epitaxial CoTiSn thin films. <i>Physical Review B</i> , 2013, 88, .	3.2	23
260	Magnetic transitions in double perovskite $\text{Sr}_2\text{FeRe}_4\text{Sb}_2\text{O}_{16}$. <i>Physical Review B</i> , 2006, 73, .	3.2	22
261	Exotic magnetism in the alkali sesquioxides Rb_4O_6 and Cs_4O_6 . <i>Physical Review B</i> , 2009, 79, .	3.2	22
262	Thermoelectric properties and electronic structure of substituted Heusler compounds: $\text{NiTi}_{0.3}\text{ScxZr}_{0.35}\text{Hf}_{0.35}\text{Sn}$. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	22
263	Transport and optical properties of the gapless Heusler compound PtYSb . <i>Applied Physics Letters</i> , 2011, 99, .	3.3	22
264	Resolving the phase structure of nonstoichiometric Co_2FeGa Heusler nanoparticles. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	22
265	Bulk electronic structure studied by hard X-ray photoelectron spectroscopy of the valence band: The case of intermetallic compounds. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 190, 249-267.	1.7	22
266	Kinetic arrest related to a first-order ferrimagnetic to antiferromagnetic transition in the Heusler compound Mn_2PtGa . <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	22
267	Sensitivity to parasitic gaps inside subject islands in native and non-native sentence processing. <i>Bilingualism</i> , 2017, 20, 494-511.	1.3	22
268	Comprehensive scan for nonmagnetic Weyl semimetals with nonlinear optical response. <i>Npj Computational Materials</i> , 2020, 6, .	8.7	22
269	The structure and local surrounding of Fe in $\text{Co}_2\text{Fe}_{1+x}\text{Si}$. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	21
270	Theoretical Study on the Diffusion Mechanism of Cd in the Cu-Poor Phase of CuInSe_2 . <i>Journal of Physical Chemistry C</i> , 2013, 117, 25933-25938.	3.1	21

#	ARTICLE	IF	CITATIONS
271	Ab initio study of topological surface states of strained HgTe. Europhysics Letters, 2014, 107, 57006.	2.0	21
272	Two-dimensional rectangular tantalum carbide halides TaCX (X = Cl, Br, I): novel large-gap quantum spin Hall insulators. 2D Materials, 2016, 3, 035018.	4.4	21
273	Magnetic and Electronic Properties of Weyl Semimetal Co ₂ MnGa Thin Films. Nanomaterials, 2021, 11, 251.	4.1	21
274	Structural and magnetic properties of Fe ₂ CoGa Heusler nanoparticles. Journal Physics D: Applied Physics, 2012, 45, 295001.	2.8	20
275	Increasing Curie temperature in tetragonal Mn ₂ RhSn Heusler compound through substitution of Rh by Co and Mn by Rh. Journal of Applied Physics, 2013, 113, .	2.5	20
276	Paramagnetic to ferromagnetic phase transition in lightly Fe-doped Cr ₂ B. Physical Review B, 2014, 89, .	3.2	20
277	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.	7.1	20
278	Magnetic properties and Curie temperatures of disordered Heusler compounds: Co ₂ Mn _{1-x} Fe _x . Physical Review B, 2016, 94, .	2.0	20
279	Optimized thermoelectric performance of the n-type half-Heusler material TiNiSn by substitution and addition of Mn. AIP Advances, 2017, 7, .	1.3	20
280	Synthesis and thermoelectric properties of Rashba semiconductor BiTeBr with intensive texture. Rare Metals, 2018, 37, 274-281.	7.1	20
281	Canted ferromagnetism and giant coercivity in the nonstoichiometric double perovskite La _{2-x} Ni ₂ Mo ₂ Ni _x . Physical Review B, 2014, 89, .	3.2	20
282	Structure and Properties of GdAuSn and the GdAuSn/MnAuSn System. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1273-1280.	1.2	19
283	Pressure-restored superconductivity in Cu-substituted FeSe. Physical Review B, 2011, 84, .	3.2	19
284	Formation of metallic colloids in CaF ₂ by intense ultraviolet light. Applied Physics Letters, 2011, 99, .	3.3	19
285	First-principles investigation of the bulk and low-index surfaces of Mo ₂ Se ₂ . Physical Review B, 2014, 89, .	3.2	19
286	Direct measurement of the magnetic anisotropy field in Mn ²⁺ Ga and Mn ²⁺ Co ²⁺ Ga Heusler films. Journal Physics D: Applied Physics, 2015, 48, 164006.	2.8	19
287	Chemical Synthesis and Characterization of ⁶³ Co ₂ NiGa Nanoparticles with a Very High Curie Temperature. Chemistry of Materials, 2015, 27, 6994-7002.	6.7	19
288	Size-dependent structural and magnetic properties of chemically synthesized Co-Ni-Ga nanoparticles. Nano Research, 2017, 10, 3421-3433.	10.4	19

#	ARTICLE	IF	CITATIONS
289	Structural and magnetic properties of the solid solution series $\text{Sr}_2\text{Fe}_{1-x}\text{M}_x\text{ReO}_6$ (M = Cr, Zn). Journal of Materials Chemistry, 2005, 15, 1760.	6.7	18
290	Cluster issue on Heusler compounds and devices. Journal Physics D: Applied Physics, 2009, 42, 080301-080301.	2.8	18
291	Hard x-ray photoelectron spectroscopy of buried Heusler compounds. Journal Physics D: Applied Physics, 2009, 42, 084010.	2.8	18
292	Weak orbital ordering of Ir in the double perovskite $\text{Sr}_2\text{CeIrO}_6$. Physical Insights into Intrinsic Defects and the Incorporation of Na and K in the $\text{Cu}_2\text{ZnSnSe}_4$ Thin-Film Solar Cell Material from Hybrid-Functional Calculations. Journal of Physical Chemistry C, 2016, 120, 2064-2069.	3.2	18
293	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, .	3.1	18
294	Electronic properties of topological insulator candidate CaAgAs. Journal of Physics Condensed Matter, 2018, 30, 045501.	1.3	18
295	Reanalysing object gaps during non-native sentence processing: Evidence from ERPs. Second Language Research, 2019, 35, 285-300.	1.8	18
296	Effect of cation disorder on the magnetic properties of $\text{Sr}_2\text{Fe}_{1-x}\text{GaxReO}_6$ (0 < x < 0.7) double perovskites. Physical Review B, 2007, 75, .	2.0	18
297	Eight-Coordinate Endohedral Rhenium, Osmium and Iridium Atoms in Rare-Earth Halide Cluster Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 2613-2619.	3.2	17
298	Magnetic polyorganosiloxane core-shell nanoparticles: Synthesis, characterization and magnetic fractionation. Journal of Magnetism and Magnetic Materials, 2010, 322, 3519-3526.	2.0	17
299	Grain Boundaries in CuInSe_2 Nanowires. Physical Review Letters, 2015, 115, 077201.	2.3	17
300	One-dimensional quantum antiferromagnetism in CsO_2 compound revealed by electron paramagnetic resonance. Physical Review B, 2015, 91, .	3.2	17
301	Pressure-induced topological insulator in NaBaBi with right-handed surface spin texture. Physical Review B, 2016, 93, .	3.2	17
302	Cataphoric pronoun resolution in native and non-native sentence comprehension. Journal of Memory and Language, 2018, 101, 97-113.	2.1	17
303	Topological Weyl semimetals in Bi_2Te_3 alloys. Physical Review B, 2018, 97, .	3.2	17
304	Proximity-Induced Superconductivity and Quantum Interference in Topological Crystalline Insulator SnTe Thin-Film Devices. Nano Letters, 2018, 18, 1264-1268.	9.1	17
305	Transport and thermal properties of single- and polycrystalline $\text{NiZr}_0.5\text{Hf}_0.5\text{Sn}$. Applied Physics Letters, 2011, 99, 152112.	3.3	16

#	ARTICLE	IF	CITATIONS
307	Defect structures in CuInSe_2 : A combination of Monte Carlo simulations and density functional theory. <i>Physical Review B</i> , 2011, 83, .	3.2	16
308	Effect of pressure on superconductivity in NaAlSi_2 . <i>Physical Review B</i> , 2012, 86, .	3.2	16
309	Spin-resolved low-energy and hard x-ray photoelectron spectroscopy of off-stoichiometric Co_2MnSi Heusler thin films exhibiting a record TMR. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 164002.	2.8	16
310	Impurity screening and stability of Fermi arcs against Coulomb and magnetic scattering in a Weyl mononictide. <i>Physical Review B</i> , 2017, 95, .	3.2	16
311	Different types of spin currents in the comprehensive materials database of nonmagnetic spin Hall effect. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	16
312	Giant intrinsic anomalous terahertz Faraday rotation in the magnetic Weyl semimetal Co_2MnSi at room temperature. <i>Physical Review B</i> , 2022, 105, .	3.2	16
313	Bulk sensitive photo emission spectroscopy of compounds. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 156-158, 97-101.	1.7	15
314	Ag_3RuO_4 , a Ruthenate(V) Featuring Spin Tetramers on a Two-Dimensional Trigonal Lattice. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4467-4471.	13.8	15
315	Holistic View on Materials Development: Water Electrolysis as a Case Study. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20094-20100.	13.8	15
316	Island effects in Spanish comprehension. <i>Glossa</i> , 2020, 5, .	0.5	15
317	Quasi-symmetry-protected topology in a semi-metal. <i>Nature Physics</i> , 2022, 18, 813-818.	16.7	15
318	Metal-Metal Distances, Electron Counts, and Superconducting T_C 's in $\text{AM}_2\text{B}_2\text{C}$. <i>Journal of Solid State Chemistry</i> , 2001, 160, 93-99.	2.9	14
319	WH-EXPLETIVES AND SECONDARY PREDICATION: GERMAN PARTIAL WH-MOVEMENT RECONSIDERED. <i>Journal of Germanic Linguistics</i> , 2001, 13, 5-38.	0.1	14
320	Effects of random distribution of Mn,Fe in $\text{Co}_2\text{Mn}_{1-x}\text{Fe}_x\text{Si}$ Heusler compounds probed by Mn^{55} nuclear magnetic resonance. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	14
321	Electronic structure and nonsaturating magnetoresistance of superconducting Heusler topological insulators. <i>Journal of Applied Physics</i> , 2013, 113, 17E142.	2.5	14
322	Effects of Annealing on the Martensitic Transformation of Ni-Based Ferromagnetic Shape Memory Heusler Alloys and Nanoparticles. <i>Metals</i> , 2015, 5, 484-503.	2.3	14
323	Magnetically induced. <i>Nature Materials</i> , 2016, 15, 1149-1150.	27.5	14
324	Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate WTe_2 . <i>Physica Status Solidi - Rapid Research Letters</i> , 2017, 11, 1700209.	2.4	14

#	ARTICLE	IF	CITATIONS
343	Effect of magnetic field on the hydrogen evolution activity using non-magnetic Weyl semimetal catalysts. Dalton Transactions, 2020, 49, 3398-3402.	3.3	13
344	Structural properties of the quaternary Heusler compound $\text{Co}_2\text{Cr}_{1-x}\text{Fe}_x\text{Al}$. Journal of Alloys and Compounds, 2006, 423, 159-162.	5.5	12
345	Giant magnetoresistance in semiconducting DyNiBi. Solid State Communications, 2008, 148, 175-177.	1.9	12
346	Hard X-ray photoelectron spectroscopy on buried, off-stoichiometric $\text{Co}_x\text{Mn}_y\text{Ge}_z$ ($x:z=2:0.38$) Heusler thin films. Applied Physics A: Materials Science and Processing, 2013, 111, 395-405.	2.3	12
347	Structural Implications of Spin, Charge, and Orbital Ordering in Rubidium Sesquioxide, Rb_4O_6 . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1239-1246.	1.2	12
348	Magnetic phase transitions and iron valence in the double perovskite $\text{Sr}_2\text{FeOsO}_6$. Hyperfine Interactions, 2014, 226, 289-297.	0.5	12
349	AgRuO_3 , a Strongly Exchange-Coupled Honeycomb Compound Lacking Long-Range Magnetic Order. Chemistry - A European Journal, 2017, 23, 4680-4686.	3.3	12
350	A <i>p</i> -type Heusler compound: Growth, structure, and properties of epitaxial thin NiYBi films on $\text{MgO}(100)$. Applied Physics Letters, 2012, 101, 212102.	3.3	11
351	Spin texture and mirror Chern number in Hg-based chalcogenides. Physical Review B, 2015, 91, .	3.2	11
352	$\text{Sr}_2\text{MgOsO}_6$: A Frustrated Os^{6+} ($5d^{2+}$) Double Perovskite with Strong Antiferromagnetic Interactions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 769-771.	1.2	11
353	Structure-sensitive constraints in non-native sentence processing. Journal of the European Second Language Association, 2019, 3, 12-22.	0.7	11
354	Electronic properties of Co_2MnSi thin films studied by hard x-ray photoelectron spectroscopy. Journal Physics D: Applied Physics, 2009, 42, 084011.	2.8	10
355	Electronic structure and symmetry of valence states of epitaxial NiTiSn and $\text{NiZr}_{0.5}\text{Hf}_{0.5}\text{Sn}$ thin films by hard x-ray photoelectron spectroscopy. Applied Physics Letters, 2011, 99, .	3.3	10
356	Electronic and crystalline structures of <i>zero band-gap</i> LuPdBi thin films grown epitaxially on $\text{MgO}(100)$. Applied Physics Letters, 2013, 102, .	3.3	10
357	Ultrafine MnWO_4 nanoparticles and their magnetic properties. Solid State Sciences, 2015, 46, 89-94.	3.2	10
358	Intercalation effect on hyperfine parameters of Fe in FeSe superconductor with $T_c = 42$ K. Europhysics Letters, 2015, 109, 67004.	2.0	10
359	Miscibility Gap in the Phase Diagrams of Thermoelectric Half-Heusler Materials $\text{CoTi}_{1-x}\text{Y}_x$ ($Y = \text{Sc, V, Mn, Fe}$). Journal of Electronic Materials, 2016, 45, 1382-1388.	2.2	10
360	Sensitivity to Crossover Constraints During Native and Non-native Pronoun Resolution. Journal of Psycholinguistic Research, 2017, 46, 771-789.	1.3	10

#	ARTICLE	IF	CITATIONS
361	Magnetic field induced strong valley polarization in the three-dimensional topological semimetal LaBi. <i>Physical Review B</i> , 2017, 96, .	3.2	10
362	Native and Non-native Speakersâ€™ Brain Responses to Filled Indirect Object Gaps. <i>Journal of Psycholinguistic Research</i> , 2017, 46, 1319-1338.	1.3	10
363	The role of native and non-native grammars in the comprehension of possessive pronouns. <i>Second Language Research</i> , 2019, 35, 319-349.	2.0	10
364	Delayed Application of Binding Condition C During Cataphoric Pronoun Resolution. <i>Journal of Psycholinguistic Research</i> , 2019, 48, 453-475.	1.3	10
365	Magnetic and electronic ordering phenomena in the $\text{O}_{6\text{Ru}}\text{Mn}_2$ honeycomb lattice compound AgRuO_3 . <i>Physical Review B</i> , 2021, 103, .	3.2	10
366	Magnetic dichroism study on $\text{Mn}_{1.8}\text{Co}_{1.2}\text{Ga}$ thin film using a combination of x-ray absorption and photoemission spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 164007.	2.8	9
367	Tunable structural and magnetic properties of chemically synthesized dual-phase Co_2NiGa nanoparticles. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7241-7252.	5.5	9
368	Development of hard X-ray photoelectron SPLEED-based spectrometer applicable for probing of buried magnetic layer valence states. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 211, 12-18.	1.7	9
369	LiCuS , an intermediate phase in the electrochemical conversion reaction of CuS with Li : A potential environment-friendly battery and solar cell material. <i>Solid State Sciences</i> , 2016, 55, 83-87.	3.2	9
370	Agreement processing and attraction errors in aging: evidence from subject-verb agreement in German. <i>Aging, Neuropsychology, and Cognition</i> , 2017, 24, 672-702.	1.3	9
371	Hidden type-II Weyl points in the Weyl semimetal NbP. <i>Physical Review B</i> , 2017, 96, .	3.2	9
372	Effects of Aging on Interference During Pronoun Resolution. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 3573-3589.	1.6	9
373	Discovery of Elusive K_4O_6 , a Compound Stabilized by Configurational Entropy of Polarons. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 149-153.	13.8	9
374	Thermomagnetic Properties Improved by Self-Organized Flower-Like Phase Separation of Ferromagnetic $\text{Co}_2\text{Dy}_{0.5}\text{Mn}_{0.5}\text{Sn}$. <i>Advanced Functional Materials</i> , 2012, 22, 1822-1826.	14.9	8
375	Topological phase transition in bulk materials described by the coherent potential approximation technique. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 82-89.	2.4	8
376	Structural, electronic, and magnetic properties of perpendicularly magnetised Mn_2RhSn thin films. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 164008.	2.8	8
377	Phase Separation in $\text{Rb}_x\text{Fe}_{2-y}\text{Se}_2$ Probed by Non-stoichiometry and Cu Doping. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1315-1319.	1.8	8
378	$[\text{Cs}_6\text{Cl}][\text{Fe}_{24}\text{Se}_{26}]$: A Host-Guest Compound with Unique FeSe Topology. <i>Chemistry - A European Journal</i> , 2016, 22, 4626-4631.	3.3	8

#	ARTICLE	IF	CITATIONS
379	Isotropic, high coercive field in melt-spun tetragonal Heusler Mn ₃ Ge. APL Materials, 2016, 4, 086113.	5.1	8
380	The impact of focus on pronoun resolution in native and non-native sentence comprehension. Second Language Research, 2017, 33, 403-429.	2.0	8
381	Isolated DyO ⁺ Embedded in a Ceramic Apatite Matrix Featuring Single-Molecule Magnet Behavior with a High Energy Barrier for Magnetization Relaxation. Angewandte Chemie, 2017, 129, 13601-13605.	2.0	8
382	Hard magnet topological semimetals in XPt ₃ compounds with the harmony of Berry curvature. Communications Physics, 2021, 4, .	5.3	8
383	Pressure-induced superconductivity and modification of Fermi surface in type-II Weyl semimetal NbTe ₄ . Npj Quantum Materials, 2021, 6, .	5.2	8
384	The effect of Fe doping on superconductivity in ZrRuP. Solid State Communications, 2011, 151, 1504-1506.	1.9	7
385	Hard x-ray photoemission spectroscopy of Bi ₂ S ₃ thin films. Journal of Applied Physics, 2012, 112, 053705.	2.5	7
386	Improved thermoelectric properties of TiNiSn through enhancing strain field fluctuation. Journal Physics D: Applied Physics, 2017, 50, 425502.	2.8	7
387	Predicting the sources of impaired <i>wh</i> -question comprehension in non-fluent aphasia: A cross-linguistic machine learning study on Turkish and German. Cognitive Neuropsychology, 2017, 34, 312-331.	1.1	7
388	Pressure effect on superconductivity in FeSe _{0.5} Te _{0.5} . Physica Status Solidi (B): Basic Research, 2017, 254, 1600161.	1.5	7
389	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.	2.1	7
390	Ganzheitliche Betrachtung in der Materialentwicklung: Wasser-Elektrolyse als Fallbeispiel. Angewandte Chemie, 2021, 133, 20254-20260.	2.0	7
391	Inappropriate Choice of Definites in Turkish Heritage Speakers of German. Heritage Language Journal, 2019, 16, 22-43.	0.4	7
392	The half-metallic ferromagnet. Journal of Magnetism and Magnetic Materials, 2007, 310, 1823-1825.	2.3	6
393	Spin Polarimetry and Magnetic Dichroism on a Buried Magnetic Layer Using Hard X-ray Photoelectron Spectroscopy. Japanese Journal of Applied Physics, 2012, 51, 016602.	1.5	6
394	Sr ₂ OsO ₅ and Sr ₇ O ₈ O ₁₉ , Two Structurally Related, Mott Insulating Osmates(VI) Exhibiting Substantially Reduced Spin Paramagnetic Response. Inorganic Chemistry, 2016, 55, 8201-8206.	4.0	6
395	Comprehension of <i>wh</i> -questions in Turkish-German bilinguals with aphasia: A dual-case study. Clinical Linguistics and Phonetics, 2018, 32, 640-660.	0.9	6
396	Sr ₅ Os ₃ O ₁₃ : a mixed valence osmium (<i>v</i> , <i>vi</i>) layered perovskite variant exhibiting temperature dependent charge distribution. Dalton Transactions, 2018, 47, 5968-5976.	3.3	6

#	ARTICLE	IF	CITATIONS
397	Interplay Between Superconductivity and Magnetism in Cu-Doped FeSe Under Pressure. Journal of Superconductivity and Novel Magnetism, 2018, 31, 763-769.	1.8	6
398	Optical method to detect the relationship between chirality of reciprocal space chiral multifold fermions and real space chiral crystals. Physical Review B, 2020, 102, .	3.2	6
399	Synthesis, crystal and magnetic structure of the spin-chain compound Ag ₂ RuO ₄ . Physical Review Materials, 2020, 4, .	2.4	6
400	High spin polarization in Co ₂ CrAlCr superlattice. Journal Physics D: Applied Physics, 2009, 42, 084014.	2.8	5
401	Investigation of the Thermoelectric Properties of the Series TiCo _{1-x} Ni _x Sn _x Sb _{1-x} . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 132-136.	1.2	5
402	The role of correlations in the high-pressure phase of FeSe. Journal of Physics Condensed Matter, 2011, 23, 205601.	1.8	5
403	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.	1.7	5
404	Topological Insulators - From Materials Design to Reality. Physica Status Solidi - Rapid Research Letters, 2013, 7, 13-14.	2.4	5
405	Incorporation of Li dopant into Cu ₂ ZnSnSe ₄ photovoltaic absorber: hybrid-functional calculations. Journal Physics D: Applied Physics, 2015, 48, 482001.	2.8	5
406	Editorial: Encoding and Navigating Linguistic Representations in Memory. Frontiers in Psychology, 2017, 8, 164.	2.1	5
407	Crystal and magnetic structure of antiferromagnetic Mn ₂ PtPd. Journal of Physics Condensed Matter, 2018, 30, 265803.	1.8	5
408	Magneto-thermoelectric characterization of a HfTe ₅ micro-ribbon. Applied Physics Letters, 2019, 115, .	3.3	5
409	Idiosyncratic Ag ₇ Pt ₂ O ₇ : An Electron Imprecise yet Diamagnetic Small Band Gap Oxide. Angewandte Chemie - International Edition, 2020, 59, 19910-19913.	13.8	5
410	Water structure near the surface of Weyl semimetals as catalysts in photocatalytic proton reduction. Structural Dynamics, 2020, 7, 034101.	2.3	5
411	Structure determination of thin CoFe films by anomalous x-ray diffraction. Journal of Applied Physics, 2012, 112, 074903.	2.5	4
412	Superconductivity in HfCuGe ₂ : A non-magnetic analog of the 1111 iron pnictides. Europhysics Letters, 2013, 101, 67001.	2.0	4
413	Fabrication and characterization of semiconducting half-Heusler YPtSb thin films. Physica Status Solidi - Rapid Research Letters, 2013, 7, 145-147.	2.4	4
414	Binding and coreference in non-native language processing. , 2016, , 241-266.		4

#	ARTICLE	IF	CITATIONS
415	Pressure-induced transition to Ni ₂ In-type phase in lithium sulfide (Li ₂ S). <i>Solid State Sciences</i> , 2016, 61, 220-224.	3.2	4
416	Correlation Between T _c and Hyperfine Parameters of Fe in Layered Chalcogenide Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 573-576.	1.8	4
417	Antecedent contained deletions in native and non-native sentence processing. <i>Linguistic Approaches To Bilingualism</i> , 2017, 7, 554-582.	0.9	4
418	Do processing resource limitations shape heritage language grammars?. <i>Bilingualism</i> , 2020, 23, 23-24.	1.3	4
419	Structure and Magnetic Properties of Sr ₂ NaOsO ₆ . <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3991-3995.	2.0	4
420	Chapter 3. Second language prediction ability across different linguistic domains. <i>Bilingual Processing and Acquisition</i> , 2021, , 48-68.	0.4	4
421	Direct and Indirect Determination of the Magnetocaloric Effect in the Heusler Compound Ni _{1.7} Pt _{0.3} MnGa. <i>Entropy</i> , 2021, 23, 1273.	2.2	4
422	A microscopic model for long-term laser damage in calcium fluoride. , 2009, , .		3
423	Spatial inhomogeneities and defect structures in CIGS and CIS materials: An ab-initio based Monte Carlo study. , 2011, , .		3
424	Pb ₂ PdO ₂ (OH) ₂ and Pb ₂ PdO(OH) ₄ (H ₂ O): Synthesis and Crystal Growth at Ambient Conditions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1473-1479.	1.2	3
425	Does Dutch a-scrambling involve movement? Evidence from antecedent priming. <i>Linguistic Review</i> , 2015, 32, .	0.4	3
426	A combined laser-based angle-resolved photoemission spectroscopy and two-photon photoemission spectroscopy study of <i>Td</i> WTe ₂ . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 345503.	1.8	3
427	Laser-Assisted Floating Zone Growth of BaFe ₂ S ₃ Large-Sized Ferromagnetic-Impurity-Free Single Crystals. <i>Crystals</i> , 2021, 11, 758.	2.2	3
428	Topological Insulators Within the Family of Heusler Materials. <i>Springer Series in Materials Science</i> , 2016, , 465-477.	0.6	3
429	Magnetic and Structural Properties of Heusler Compounds with 27.8 Valence Electrons. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 966-971.	1.2	2
430	Predicting the stability of surface phases of molybdenum selenides. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	2
431	Publisher's Note: Unusual magnetotransport from Si-square nets in topological semimetal HfSiS [<i>Phys. Rev. B</i> 95 , 121109(R) (2017)]. <i>Physical Review B</i> , 2017, 95, .	3.2	2
432	Discovery of Elusive K ₄ O ₆ , a Compound Stabilized by Configurational Entropy of Polarons. <i>Angewandte Chemie</i> , 2019, 131, 155-159.	2.0	2

#	ARTICLE	IF	CITATIONS
433	Gradience in subject-verb number agreement: Can bilinguals tune in?. Applied Psycholinguistics, 2021, 42, 1523-1551.	1.1	2
434	Heusler Compounds Go Nano. Springer Series in Materials Science, 2016, , 111-132.	0.6	2
435	Aspectual Complement Clauses and the (Un-)Availability of Verb Raising. , 2000, , 163-194.		2
436	Binding Out of Relative Clauses in Native and Non-native Sentence Comprehension. Journal of Psycholinguistic Research, 2022, , 1.	1.3	2
437	Discourse Prominence and Antecedent Mis-Retrieval during Native and Non-Native Pronoun Resolution. Discours, 2022, , .	0.2	2
438	Forward scattering in hard X-ray photoelectron spectroscopy: Structural investigation of buried Mn-Ga films. Applied Physics Letters, 2015, 106, 052402.	3.3	1
439	Hg ₄ O ₃ [ReO ₄] ₂ , Featuring a 2D Polycationic Framework [Hg ₄ O ₃] ²⁺ with Tetrahedral Rhenate(VII) Anions Embedded. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1359-1363.	1.2	1
440	Idiosyncratic Ag ₇ Pt ₂ O ₇ : An Electron Imprecise yet Diamagnetic Small Band Gap Oxide. Angewandte Chemie, 2020, 132, 20082-20085.	2.0	1
441	Correlative Coordination and Variable Subject-Verb Agreement in German. Languages, 2021, 6, 67.	0.6	1
442	Constraints on subject-verb agreement marking in Turkish-German bilingual speakers. Linguistic Approaches To Bilingualism, 0, , .	0.9	1
443	Brain responses elicited by implausible fillers and filled object gaps in German. Language Acquisition and Language Disorders, 2020, , 75-90.	0.1	1
444	Crystal structure, magnetism and bonding of the hexagonal compounds Pd _{1.63} Mn _{0.37} Si and Pd _{1.82} Mn _{0.18} Ge related to the Fe ₂ P structure. Journal Physics D: Applied Physics, 2007, 40, 3915-3920.	2.8	0
445	Tin in silicate glasses: structure, thermodynamics and kinetics. Hyperfine Interactions, 2008, 183, 215-220.	0.5	0
446	A theoretical investigation on the Cd doping of Cu-depleted CuInSe ₂ materials. , 2011, , .		0
447	New developments in the area of topological insulators. AIP Conference Proceedings, 2015, , .	0.4	0
448	54. Syntax and Language Processing. , 2015, , 1875-1911.		0
449	Verarbeitung von Pronomen bei erwachsenen L2-Lernern. , 2018, , 195-220.		0
450	Pressure-Induced Charge Disorder-Order Transition in the Cs ₄ O ₆ Sesquioxide. Inorganic Chemistry, 2020, 59, 1256-1264.	4.0	0

#	ARTICLE	IF	CITATIONS
451	New Empirical Approaches to Grammatical Variation and Change. Languages, 2021, 6, 113.	0.6	0
452	Antecedent Priming at Trace Positions in Children's Sentence Processing. Journal of Psycholinguistic Research, 0, , .	1.3	0
453	Metallic Magnetic Materials. , 2021, , 693-808.		0
454	Eye-Tracking and Self-Paced Reading. , 2021, , 617-640.		0