Andreas Leithe-Jasper

List of Publications by Year
in descending order

91 papers	1,914 citations	257450 24 h-index	302126 39 g-index
93 all docs	93 docs citations	93 times ranked	1557 citing authors

#	Article	IF	Citations
1	Superconductivity in the Platinum Germanides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
19	TM7TMâ€²6B8(TM= Ta, Nb;TMâ€² = Ru, Rh, Ir): New Compounds with [B6] Ring Polyanions. Inorganic Chemistry, 2012, 51, 7472-7483.	4.0	28
20	Symmetry-preserving lattice collapse in tetragonal SrFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ru<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	26
21	High-pressure synthesis and exotic heavy-fermion behaviour of the filled skutterudite SmPt₄Ge₁₂. New Journal of Physics, 2010, 12, 103035.	2.9	25
22	From antiferromagnetic and hidden order to Pauli paramagnetism in U M ₂ Si ₂ compounds with 5 f electron duality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30220-30227.	7.1	25
23	Optimization of the superconducting transition temperature of the filled skutteruditeBaPt4Ge12by gold substitution. Physical Review B, 2008, 78, .	3.2	24
24	Charge-Doping-Driven Evolution of Magnetism and Non-Fermi-Liquid Behavior in the Filled Skutterudite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CePt</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Ge</mml:mi><mml: Physical Review Letters, 2012, 109, 236405.	7.8	24
25	Y3Pt4Ge13: A superconductor with a noncentrosymmetric crystal structure. Physical Review B, 2013, 87, .	3.2	24
26	Optical Pseudogap from Iron States in Filled SkutteruditesAFe4Sb12(A=Yb,Ca,Ba). Physical Review Letters, 2006, 96, 037406.	7.8	23
27	Effect of the electropositive elements A = Sc, La, and Ce on the microscopic dynamics of AV₂Al₂₀. Physical Chemistry Chemical Physics, 2014, 16, 27119-27133.	2.8	23
28	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:math> and magnetometry study of the type-I superconductor BeAu. Physical Review B, 2019, 99, .	3.2	22
29	Physical properties and valence state of cerium in the filled skutterudite CePt₄Ge₁₂. Journal of Physics Condensed Matter, 2011, 23, 465601.	1.8	20
30	YbPtGe2: A multivalent charge-ordered system with an unusual spin pseudogap. Physical Review B, 2012, 86, .	3.2	19
31	High spin polarization in the ferromagnetic filled skutteruditesKFe4Sb12andNaFe4Sb12. Physical Review B, 2005, 72, .	3.2	18
32	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrPt</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:ms Combined photoelectron spectroscopy and band structure study. Physical Review B, 2009, 80, .	3.2	18
33	Crossover between itinerant ferromagnetism and antiferromagnetic fluctuations in filled skutterudites MFe4Sb12 (M=Na, Ba, La) as determined by NMR. Journal of Magnetism and Magnetic Materials, 2006, 300, e403-e406.	2.3	17
34	Magnetic and transport properties of structural variants of Remeika phases:Th3Ir4Ge13andU3Ir4Ge13. Physical Review B, 2015, 91, .	3.2	17
35	Intermetallic germanides with non-centrosymmetric structures derived from the Yb3Rh4Sn13 type. Dalton Transactions, 2015, 44, 5638-5651.	3.3	17
36	Ternary MIn₂S₄ (M = Mn, Fe, Co, Ni) Thiospinels â€“ Crystal Structure and Thermoelectric Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1091-1098.	1.2	17

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37	Ternary Magnesium Rhodium Boride Mg2Rh1-xB6+2x with a Modified Y2ReB6-Type Crystal Structure. Inorganic Chemistry, 2007, 46, 7378-7386.	4.0	16
38	Coexistence of magnetic order and valence fluctuations in the Kondo lattice system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ce</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 95, .	3.2	16
39	Multiple-gap response of type-I noncentrosymmetric BeAu superconductor. Physical Review Research, 2020, 2, .	3.6	16
40	Boron induced change of the Eu valence state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuPd</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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55	Ternary borides Nb7Fe3B8 and Ta7Fe3B8 with Kagome-type iron framework. Dalton Transactions, 2016, 45, 9590-9600.	3.3	10
56	Tracking aluminium impurities in single crystals of the heavy-fermion superconductor UBe13. Scientific Reports, 2018, 8, 10654.	3.3	10
57	Crystal structure, phase transition and properties of indium(<scp>iii</scp>) sulfide. Dalton Transactions, 2020, 49, 15903-15913.	3.3	10
58	Magnetic resonance investigations on NaFe4Sb12. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 830-832.	2.3	9
59	Uniaxial ferromagnetism of local uranium moments in hexagonal UBeGe. Physical Review B, 2018, 97, .	3.2	9
60	Empirical way for finding new uranium-based heavy-fermion materials. Physical Review B, 2019, 99, .	3.2	9
61	Mg₃Pt₂: Anionic Chains in a Eu₃Ga₂-Type Structure. Inorganic Chemistry, 2021, 60, 13681-13690.	4.0	9
62	Magnetic order in the filled skutteruditesRPt4Ge12(R= Nd, Eu). Journal of Physics: Conference Series, 2011, 273, 012118.	0.4	8
63	Crystal Structure and Physical Properties of the Cage Compound Hf₂B_{2â€“2Î´}Ir_{5+Î´}. Inorganic Chemistry, 2020, 59, 14280-14289.	4.0	8
64	Superconductivity and magnetism in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaPtGe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CePtGe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2018, 98, .	3.2	7
65	Improving thermoelectric performance of indium thiospinel by Se- and Te-substitution. Journal of Materials Chemistry C, 2021, 9, 4008-4019.	5.5	7
66	Valence fluctuations in the 3D + 3 modulated Yb3Co4Ge13 Remeika phase. Dalton Transactions, 2021, 50, 13580-13590.	3.3	7
67	Non-centrosymmetric superconductor Th$$_4$$Be$$_{{33}}$$Pt$$_{{16}}$$ and heavy-fermion U$$_4$$Be$$_{{33}}$$Pt$$_{{16}}$$ cage compounds. Scientific Reports, 2021, 11, 22352.	3.3	7
68	Specific heat and AC magnetic susceptibility of the alkali-metal iron antimonides (Na,K)Fe4Sb12 and BaFe4Sb12. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 835-836.	2.3	5
69	23Na NMR investigations of the itinerant ferromagnets NaFe4Sb12 and Na0.5Ca0.5Fe4Sb12. Physica B: Condensed Matter, 2005, 359-361, 1195-1197.	2.7	5
70	Superconducting parameters of BaPt4â^'xAuxGe12filled skutterudite. Physical Review B, 2012, 86, .	3.2	5
71	Synthesis, crystal structure, and physical properties of a new boride Ga 2 Ni 21 B 20 with a modified Zn 2 Ni 21 B 20 -type structure. Solid State Sciences, 2016, 55, 93-97.	3.2	5
72	AlPd15B7: a new superconducting cage-compound with an anti-Yb3Rh4Sn13-type of structure. Dalton Transactions, 2016, 45, 3943-3948.	3.3	5

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73	Hierarchical and chemical space partitioning in new intermetallic borides MNi21B20 (M = In, Sn). Dalton Transactions, 2017, 46, 13446-13455.	3.3	5
74	Two-gap superconductivity in Ag1â€“xMo6S8Chevrel phase. Journal of Physics Condensed Matter, 2017, 29, 495603.	1.8	5
75	Spin dynamics ofS-state ions in the filled skutterudites La1â^'xRxPt4Ge12(R=Gd, Eu). Physical Review B, 2012, 85, .	3.2	4
76	Crystal structure and superconducting properties of Sc5Ir6Sn18. Journal of Physics Condensed Matter, 2019, 31, 445603.	1.8	4
77	Fermi surface studies of the skutterudite superconductors LaPt4Ge12 and PrPt4Ge12. Physical Review B, 2019, 99, .	3.2	4
78	Intermediate Valence Behavior of Yb₂Cu₉Al₈. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1238-1243.	1.2	4
79	Fermi surface of the skutterudite CoSb3 : Quantum oscillations and band-structure calculations. Physical Review B, 2021, 103, .	3.2	4
80	Valence fluctuations of europium in the boride Eu₄Pd_{29+x}B₈. Journal of Physics Condensed Matter, 2016, 28, 115601.	1.8	3
81	Hard x-ray spectroscopy of the itinerant magnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mn <mml:math		

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91	Crystal structure of tetraytterbium septarhodium hexaantimony, Yb4Rh7Sb6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 255-256.	0.3	0