

Andreas Leithe-Jasper

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Composition dependent polymorphism and superconductivity in $Y_{3+x}\{Rh, Ir\}_4Ge_{13}$. Dalton Transactions, 2022, 51, 4734-4748.	3.3	3
2	Pressure Tuning of Superconductivity of LaPt ₄ Ge ₁₂ and PrPt ₄ Ge ₁₂ Single Crystals. Materials, 2022, 15, 2743.	2.9	1
3	Crystal, electronic structure and physical properties of U ₃ Rh ₄ Ge ₁₃ and Th ₂ Rh ₃ Ge ₅ . Journal of Alloys and Compounds, 2022, 911, 165017.	5.5	2
4	Superconductivity of structurally disordered $Y_5Ir_6Sn_{18}$. Dalton Transactions, 2022, 51, 10036-10046.	3.3	3
5	Improving thermoelectric performance of indium thiospinel by Se- and Te-substitution. Journal of Materials Chemistry C, 2021, 9, 4008-4019.	5.5	7
6	Valence fluctuations in the 3D + 3 modulated Yb ₃ Co ₄ Ge ₁₃ Remeika phase. Dalton Transactions, 2021, 50, 13580-13590.	3.3	7
7	Fermi surface of the skutterudite CoSb ₃ : Quantum oscillations and band-structure calculations. Physical Review B, 2021, 103, .	3.2	4
8	Superconductivity and magnetism in R_4		

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19	Crystal structure, chemical bonding, and electrical and thermal transport in Sc ₅ Rh ₆ Sn ₁₈ . Dalton Transactions, 2020, 49, 6832-6841.	3.3	13
20	From antiferromagnetic and hidden order to Pauli paramagnetism in U ₂ Si ₂ compounds with 5 <i>f</i> electron duality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30220-30227.	7.1	25
21	Multiple-gap response of type-I noncentrosymmetric BeAu superconductor. Physical Review Research, 2020, 2, .	3.6	16
22	Crystal structure and superconducting properties of Sc ₅ Ir ₆ Sn ₁₈ . Journal of Physics Condensed Matter, 2019, 31, 445603.	1.8	4
23	Empirical way for finding new uranium-based heavy-fermion materials. Physical Review B, 2019, 99, .	3.2	9
24	Interplay of Atomic Interactions in the Intermetallic Semiconductor Be ₅ Pt. Angewandte Chemie - International Edition, 2019, 58, 15928-15933.	13.8	32
25	Hard x-ray spectroscopy of the itinerant magnets $R_{m-1}Fe_m$		

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37	Coexistence of magnetic order and valence fluctuations in the Kondo lattice system CeMn_2As_2 . Physical Review B, 2017, 95, .		
38	Two-gap superconductivity in $\text{Ag}_1\text{Mo}_6\text{S}_8$ Chevrel phase. Journal of Physics Condensed Matter, 2017, 29, 495603.	1.8	5
39	Valence fluctuations of europium in the boride $\text{Eu}_4\text{Pd}_{29}\text{B}_8$. Journal of Physics Condensed Matter, 2016, 28, 115601.	1.8	3
40	Synthesis, crystal structure, and physical properties of a new boride $\text{Ga}_2\text{Ni}_{21}\text{B}_{20}$ with a modified $\text{Zn}_2\text{Ni}_{21}\text{B}_{20}$ -type structure. Solid State Sciences, 2016, 55, 93-97.	3.2	5
41	Superconducting gap structure of the skutterudite $\text{LaPt}_4\text{Ge}_{12}$ probed by specific heat and thermal transport. Physical Review B, 2016, 94, .	3.2	11
42	Ternary borides $\text{Nb}_7\text{Fe}_3\text{B}_8$ and $\text{Ta}_7\text{Fe}_3\text{B}_8$ with Kagome-type iron framework. Dalton Transactions, 2016, 45, 9590-9600.	3.3	10
43	$\text{AlPd}_{15}\text{B}_7$: a new superconducting cage-compound with an anti- $\text{Yb}_3\text{Rh}_4\text{Sn}_{13}$ -type of structure. Dalton Transactions, 2016, 45, 3943-3948.	3.3	5
44	Magnetic and transport properties of structural variants of Remeika phases: $\text{Th}_3\text{Ir}_4\text{Ge}_{13}$ and $\text{U}_3\text{Ir}_4\text{Ge}_{13}$. Physical Review B, 2015, 91, .	3.2	17
45	Weak interband-coupling superconductivity in the filled skutterudite $\text{LaPt}_4\text{Ge}_{12}$. Physical Review B, 2015, 92, .		
46	Interpenetration of a 3D Icosahedral M@Ni_{12} ($\text{M}=\text{Al}, \text{Ga}$) Framework with Porphyrin-Reminiscent Boron Layers in MNi_9B_8 . Chemistry - A European Journal, 2015, 21, 16532-16540.	3.3	11
47	Intermetallic germanides with non-centrosymmetric structures derived from the $\text{Yb}_3\text{Rh}_4\text{Sn}_{13}$ type. Dalton Transactions, 2015, 44, 5638-5651.	3.3	17
48	Low-energy phonon dispersion in $\text{LaFe}_4\text{Ge}_{12}$. Physical Review B, 2015, 91, .		
49	Effect of the electropositive elements $\text{A} = \text{Sc}, \text{La}, \text{and Ce}$ on the microscopic dynamics of $\text{AV}_2\text{Al}_{20}$. Physical Chemistry Chemical Physics, 2014, 16, 27119-27133.	2.8	23
50	Neutron diffraction and scattering study of the weak ferromagnetism in $\text{NaFe}_4\text{Sb}_{12}$ skutterudite. Physical Review B, 2014, 90, .	3.2	2
51	Vibrational dynamics of the filled skutterudite $\text{Yb}_3\text{Rh}_4\text{Sn}_{13}$. Physical Review B, 2014, 89, .	3.2	2
52	Multiband superconductivity in $\text{PrPt}_4\text{Ge}_{12}$. Physical Review B, 2013, 87, .	3.2	14
53	Multiband superconductivity in $\text{PrPt}_4\text{Ge}_{12}$. Physical Review B, 2013, 87, .	3.2	111
54	Multiband superconductivity in $\text{PrPt}_4\text{Ge}_{12}$ single crystals. Physical Review B, 2013, 87, .	3.2	29

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55	Y3Pt4Ge13: A superconductor with a noncentrosymmetric crystal structure. Physical Review B, 2013, 87, .	3.2	24
56	Charge-Doping-Driven Evolution of Magnetism and Non-Fermi-Liquid Behavior in the Filled Skutterudite $\text{CePt}_4\text{Ge}_{12}$. Physical Review Letters, 2012, 109, 236405.	7.8	24
57	Spin dynamics of S-state ions in the filled skutterudites $\text{La}_{1-x}\text{R}_x\text{Pt}_4\text{Ge}_{12}$ (R=Gd, Eu). Physical Review B, 2012, 85, .	3.2	4
58	Superconducting parameters of $\text{BaPt}_4\text{Au}_x\text{Ge}_{12}$ filled skutterudite. Physical Review B, 2012, 86, .	3.2	5
59	TM7TM ϵ^2 B8 (TM= Ta, Nb; TM ϵ^2 = Ru, Rh, Ir): New Compounds with [B6] Ring Polyanions. Inorganic Chemistry, 2012, 51, 7472-7483.	4.0	28
60	$\text{CaPt}_{4+x}\text{Ge}_{13}\text{As}_y$ and $\text{Yb}_3\text{Pt}_4\text{Ge}_{13}$: new derivatives of the $\text{Pr}_3\text{Rh}_4\text{Sn}_{13}$ structure type. Dalton Transactions, 2012, 41, 6299.	3.3	34
61	YbPtGe_2 : A multivalent charge-ordered system with an unusual spin pseudogap. Physical Review B, 2012, 86, .	3.2	19
62	Vibrational dynamics of the filled skutterudites $\text{M}_x\text{Pt}_4\text{Ge}_{12}$ (M= Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu). Physical Review B, 2011, 84, 044411.	3.2	33
63	Physical properties and valence state of cerium in the filled skutterudite $\text{CePt}_4\text{Ge}_{12}$. Journal of Physics Condensed Matter, 2011, 23, 465601.	1.8	20
64	Magnetic order in the filled skutterudites $\text{R}_2\text{Pt}_4\text{Ge}_{12}$ (R= Nd, Eu). Journal of Physics: Conference Series, 2011, 273, 012118.	0.4	8
65	Symmetry preserving lattice collapse in tetragonal $\text{SrFe}_2\text{Pt}_4\text{Ge}_{12}$. Physical Review B, 2011, 84, 040401.	3.2	26
66	Ge-based skutterudites $\text{MPt}_4\text{Ge}_{12}$: A comparative 195 Pt NMR study. Physica Status Solidi (B): Basic Research, 2010, 247, 740-742.	1.5	10
67	High-pressure synthesis and exotic heavy-fermion behaviour of the filled skutterudite $\text{SmPt}_4\text{Ge}_{12}$. New Journal of Physics, 2010, 12, 103035.	2.9	25
68	Evidence for time-reversal symmetry breaking in superconducting $\text{PrPt}_4\text{Ge}_{12}$. Physical Review B, 2010, 82, .	3.2	101
69	Vibrational dynamics of filled skutterudites $\text{M}_x\text{Pt}_4\text{Ge}_{12}$ (M= Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu). Physical Review B, 2011, 84, 044411.		

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73	Superfluid Density and Energy Gap Function of Superconducting PrPtGe_4 Physical Review Letters 2012, 108, 177004 Superconductivity in the Platinum Germanides Physical Review Letters 2012, 108, 177004	7.8	59

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91	Ferromagnetic Ordering in Alkali-Metal Iron Antimonides:NaFe ₄ Sb ₁₂ andKFe ₄ Sb ₁₂ . Physical Review Letters, 2003, 91, 037208.	7.8	84