Athena S Sefat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5074857/publications.pdf

Version: 2024-02-01

257 papers	11,445 citations	30047 54 h-index	33869 99 g-index
272 all docs	272 docs citations	272 times ranked	7392 citing authors

#	Article	IF	Citations
1	Synthesis, crystal structure and magnetic properties of KLnSe2 (Ln = La, Ce, Pr, Nd) structures: A family of 2D triangular lattice frustrated magnets. Journal of Solid State Chemistry, 2022, 308, 122917.	1.4	7
2	Mesoscale interplay between phonons and crystal electric field excitations in quantum spin liquid candidate CsYbSe₂. Journal of Materials Chemistry C, 2022, 10, 4148-4156.	2.7	5
3	Single pair of Weyl nodes in the spin-canted structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCd</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2022, 105, .	1.1	13
4	Insulating antiferromagnetism in VTe. Physical Review B, 2022, 105, .	1.1	2
5	NaCo₂(SeO₃)₂(OH): competing magnetic ground states of a new sawtooth structure with 3d⁷ Co²⁺ ions. Inorganic Chemistry Frontiers, 2022, 9, 4329-4340.	3.0	5
6	Stacking Faults and Shortâ€Range Magnetic Correlations in Single Crystal Y₅Ru₂O₁₂: A Structure with Ru^{+4.5} Oneâ€Dimensional Chains. Physica Status Solidi (B): Basic Research, 2021, 258, 2000197.	0.7	6
7	Magnetoelastic coupling, negative thermal expansion, and two-dimensional magnetic excitations in FeAs. Physical Review B, 2021, 103, .	1.1	6
8	Stripe antiferromagnetic ground state of the ideal triangular lattice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">KErSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 103, .	1.1	9
9	Nanoscale Superconducting States in the Fe-Based Filamentary Superconductor of Pr-Doped CaFe2As2. Nanomaterials, 2021, 11, 1019.	1.9	3
10	Multiband effects on the upper critical field angular dependence of 122-family iron pnictide superconductors. Scientific Reports, 2021, 11, 11526.	1.6	2
11	Relationship between A-site cation and magnetic structure in 3dâˆ’5dâˆ’4f double perovskite iridates Ln2NiIrO6 (Ln=La , Pr, Nd). Physical Review Materials, 2021, 5, .	0.9	5
12	Competitive and cooperative electronic states in Ba(Fe1âˆ’xTx)2As2 with Tâ€‰=â€‰Co, Ni, Cr. Npj Quantum Materials, 2021, 6, .	1.8	5
13	Synthesis and anisotropic magnetism in quantum spin liquid candidates AYbSe2 (A = K and) Tj ETQq1 1 0.784314 rgBT O	2.2	17
14	Unintended consequence of topochemical reduction of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SrFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SrFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> : Desi	0.9	2
15	Systematic extraction of crystal electric-field effects and quantum magnetic model parameters in triangular rare-earth magnets. Physical Review Research, 2021, 3, .	1.3	10
16	Observation of a Large Magnetic Anisotropy and a Field-Induced Magnetic State in SrCo(VO₄)(OH): A Structure with a Quasi One-Dimensional Magnetic Chain. Inorganic Chemistry, 2020, 59, 1029-1037.	1.9	7
17	Crystal Synthesis and Frustrated Magnetism in Triangular Lattice CsRESe₂ (RE = Laâ€“Lu): Quantum Spin Liquid Candidates CsCeSe₂ and CsYbSe₂. , 2020, 2, 71-75.		49
18	Evidence of Ba-substitution induced spin-canting in the magnetic Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mi>Cd</mml:mi><mml:n Physical Review B, 2020, 102, .	1.1	14

#	Article	IF	Citations
19	Pseudospin versus magnetic dipole moment ordering in the isosceles triangular lattice material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi>Er</mml:mi><mml:mo> Physical Review B, 2020, 102, .	1.1	6
20	Superconductivity with T c â‰ˆ 7 K under pressure for Cu- and Au-doped BaFe2As2. Journal of Physics Condensed Matter, 2020, 32, 295602.	0.7	2
21	Complex magnetic order in the decorated spin-chain system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mn> Physical Review B, 2020, 101, .	1.1	6
22	Single crystal neutron and magnetic measurements of Rb2Mn3(VO4)2CO3 and K2Co3(VO4)2CO3 with mixed honeycomb and triangular magnetic lattices. Dalton Transactions, 2020, 49, 4323-4335.	1.6	10
23	Frustrated Magnetism in Triangular Lattice TlYbS2 Crystals Grown via Molten Flux. Frontiers in Chemistry, 2020, 8, 127.	1.8	9
24	Crystal-field Hamiltonian and anisotropy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>KErSe</mml:mi><mml:mn>2</mml:mn></mml:msub></m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CsErSe</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2020, 101, .	1.1	20
25	Tunable magnetic order in low-symmetry SeO3 ligand linked TM3(SeO3)3H2O (TM=Mn , Co, and Ni) compounds. Physical Review Materials, 2020, 4, .	0.9	3
26	Coupling of fully symmetric As phonon to magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mrow><mml:mi><mml:mo>(</mm Physical Review B, 2020, 102, .	1.1	5
27	In-plane electronic anisotropy resulted from ordered magnetic moment in iron-based superconductors. Physical Review Research, 2020, 2, .	1.3	3
28	Highâ€Voltage Performance of Niâ€Rich NCA Cathodes: Linking Operating Voltage with Cathode Degradation. ChemElectroChem, 2019, 6, 5571-5580.	1.7	13
29	Nanoscale interlayer defects in iron arsenides. Journal of Solid State Chemistry, 2019, 277, 422-426.	1.4	1
30	Local superconductivity in vanadium iron arsenide. Physical Review B, 2019, 100, .	1.1	5
31	Surface terminations and layer-resolved tunneling spectroscopy of the 122 iron pnictide superconductors. Physical Review B, 2019, 99, .	1.1	16
32	Effect of Pressure on the Superconducting Properties of Tl2Ba2Ca2Cu3O9-Î´. Crystals, 2019, 9, 4.	1.0	1
33	Lattice disorder effect on magnetic ordering of iron arsenides. Scientific Reports, 2019, 9, 20147.	1.6	0
34	Field-induced magnetic transition and spin fluctuations in the quantum spin-liquid candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CsYbSe</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2019, 100, .	1.1	56
35	Tuning from frustrated magnetism to superconductivity in quasi-one-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCr</mml:mi><mml:mn>3</mml:mn></m through hydrogen doping. Physical Review B, 2019, 100, .	1.1	15
36	Dynamic magnetic response across the pressure-induced structural phase transition in CeNi. Physical Review B, 2019, 99, .	1.1	1

#	Article	IF	Citations
37	Local-Ising-type magnetic order and metamagnetism in the rare-earth pyrogermanate Er2Ge2O7. Physical Review Materials, 2019, 3, .	0.9	13
38	Synthesis, magnetization, and heat capacity of triangular lattice materials <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaErSe</mml:mi><mml:mn>2</mml:mn></mml:msub></ and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>KErSe</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review Materials, 2019, 3, .	0.9	25
39	Superconductivity, pairing symmetry, and disorder in the doped topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sn</mml:mi><mml:mrow><mml:mn>1</mm for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>x</mml:mi><mml:mo>â‰¥</mml:mo><mml:mn>0.10 Physical Review B, 2018, 97, .	1.1	14
40	Magnetic and thermal behavior of a family of compositionally related zero-dimensional fluorides. Solid State Sciences, 2018, 81, 19-25.	1.5	3
41	Unusual effects of Be doping in the iron-based superconductor FeSe. Journal of Physics Condensed Matter, 2018, 30, 445701.	0.7	3
42	Frustrated Structural Instability in Superconducting Quasi-One-Dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow><mml:m Physical Review Letters, 2018, 121, 187002.	2.9	16
43	Decoupled spin dynamics in the rare-earth orthoferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbFeO</mml:mi><mml:mn>3</mml:mn></mml:msub> : Evolution of magnetic excitations through the spin-reorientation transition. Physical Review B, 2018, 98, .	1.1	31
44	Effects of proton irradiation on flux-pinning properties of underdoped Ba(Fe0.96Co0.04)2As2 pnictide superconductor. Journal of Alloys and Compounds, 2017, 694, 1371-1375.	2.8	3
45	Effect of Surface Morphology and Magnetic Impurities on the Electronic Structure in Cobalt-Doped BaFe₂As₂ Superconductors. Nano Letters, 2017, 17, 1642-1647.	4.5	12
46	Lattice parameters guide superconductivity in iron-arsenides. Journal of Physics Condensed Matter, 2017, 29, 083001.	0.7	7
47	Resolving the degradation pathways in high-voltage oxides for high-energy-density lithium-ion batteries; Alternation in chemistry, composition and crystal structures. Nano Energy, 2017, 36, 76-84.	8.2	30
48	Structure and property correlations in FeS. Physica C: Superconductivity and Its Applications, 2017, 534, 29-36.	0.6	37
49	Study of the second magnetization peak and the pinning behaviour in Ba(Fe_{0.935}Co_{0.065})₂As₂pnictide superconductor. Superconductor Science and Technology, 2017, 30, 125007.	1.8	15
50	Magnetic ground state of the Ising-like antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>DyScO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub></ Physical Review B, 2017, 96, .	1.1	17
51	Superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">BaCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> symmetrical to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	1.1	13
52	Improving superconductivity in BaFe2As2-based crystals by cobalt clustering and electronic uniformity. Scientific Reports, 2017, 7, 949.	1.6	13
53	Evidence of Mott physics in iron pnictides from x-ray spectroscopy. Physical Review B, 2017, 96, .	1.1	24
54	Coupling of structure to magnetic and superconducting orders in quasi-one-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cr</mml:mi><mml:mn>3</mml:mn></m Physical Review B, 2017, 96, .	1.1	22

#	Article	IF	Citations
55	MnNiO3 revisited with modern theoretical and experimental methods. Journal of Chemical Physics, 2017, 147, 174703.	1.2	10
56	Deep Data Mining in a Real Space: Application to Scanning Probe Microscopy Studies on a â€œParentâ€• State of a High Temperature Superconductor. Microscopy and Microanalysis, 2016, 22, 1418-1419.	0.2	0
57	Stress-induced nematicity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuFe</mml:mi><mml:mn>2</mml:mn></ by Raman spectroscopy. Physical Review B, 2016, 94.	1.1	0
58	Nonrigid band shift and nonmonotonic electronic structure changes upon doping in the normal state of the pnictide high-temperature superconductor<mml:math		

#	Article	IF	Citations
73	Pressure dependence of the magnetic order in CrAs: A neutron diffraction investigation. Physical Review B, 2015, 91, .	1.1	37
74	Direct spectroscopic evidence for completely filled Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:r in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaCu</mml:mi><mml:mn>2</mml:mn></mm xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:msub><m. Physical Review B, 2015, 91, .	1.1	16
75	Pressure-induced structural phase transition in CeNi: X-ray and neutron scattering studies and first-principles calculations. Physical Review B, 2015, 92, .	1.1	3
76	Role of magnetism in superconductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BaF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>: Study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><.	1.1	10
77	Pressure-induced electronic phase separation of magnetism and superconductivity in CrAs. Scientific Reports, 2015, 5, 13788.	1.6	37
78	Effect of Li2O on the microstructure, magnetic and transport properties of Tl-2223 superconductor. Physica C: Superconductivity and Its Applications, 2015, 519, 108-111.	0.6	4
79	On the nature of filamentary superconductivity in metal-doped hydrocarbon organic materials. Novel Superconducting Materials, 2015, 1, .	0.8	2
80	Superconductivity in semimetallic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physi	1.1	11
81	Optimization of a non-arsenic iron-based superconductor for wire fabrication. Superconductor Science and Technology, 2015, 28, 045018.	1.8	3
82	Structural and superconducting features of Tl-1223 prepared at ambient pressure. Superconductor Science and Technology, 2015, 28, 115006.	1.8	3
83	Unconventional irreversible structural changes in a high-voltage Liâ€"Mn-rich oxide for lithium-ion battery cathodes. Journal of Power Sources, 2015, 283, 423-428.	4.0	17
84	Importance of doping and frustration in itinerant Fe-doped Cr2Al. Journal of Magnetism and Magnetic Materials, 2015, 392, 68-73.	1.0	4
85	Roomâ€Temperature Ba(Fe_{1â^'x}Co_x)₂As₂ is not Tetragonal: Direct Observation of Magnetoelastic Interactions in Pnictide Superconductors. Advanced Materials, 2015, 27, 2715-2721.	11.1	10
86	Enhancement of the critical current density by increasing the collective pinning energy in heavy ion irradiated Co-doped BaFe2As2single crystals. Superconductor Science and Technology, 2015, 28, 055011.	1.8	23
87	Signatures of filamentary superconductivity in antiferromagnetic BaFe ₂ As ₂ single crystals. Europhysics Letters, 2015, 111, 37005.	0.7	2
88	Magnetotransport of proton-irradiatedBaFe2As2andBaFe1.985Co0.015As2single crystals. Physical Review B, 2015, 91, .	1.1	7
89	Robust antiferromagnetism preventing superconductivity in pressurized (Ba0.61K0.39)Mn2Bi2. Scientific Reports, 2015, 4, 7342.	1.6	5
90	Superconducting properties in heavily overdoped Ba(Fe0.86Co0.14)2As2 single crystals. Solid State Communications, 2015, 201, 20-24.	0.9	1

#	Article	IF	Citations
91	Research Update: Spatially resolved mapping of electronic structure on atomic level by multivariate statistical analysis. APL Materials, 2014, 2, .	2.2	14
92	Neutron Scattering of CeNi at the SNS-ORNL: A Preliminary Report. Materials Research Society Symposia Proceedings, 2014, 1683, 26.	0.1	0
93	Ternary chalcogenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">Z</mml:mi><mml:msub><mml:mi	1.1	9
94	NMR investigation of spin correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">BaCo</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">As</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	1.1	14
95	Crossover from spin waves to diffusive spin excitations in underdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ba</mml:mi><mml:mo>(</mml:mo><mml:msub> Physical Review B, 2014, 89, .	1.1	12
96	High pressure effects on the superconductivity in rare-earth-doped CaFe₂As₂. High Pressure Research, 2014, 34, 49-58.	0.4	4
97	Cu Substitution Effects on the Local Magnetic Properties ofBa(Fe1âˆ’xCux)2As2: A Site-SelectiveAs75andCu63NMR Study. Physical Review Letters, 2014, 113, 117001.	2.9	20
98	Evolution of antiferromagnetic susceptibility under uniaxial pressure in Ba(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 487 Td (xm xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</m. Physical Revie	1.1	23
99	Infrared pseudogap in cuprate and pnictide high-temperature superconductors. Physical Review B, 2014, 90, .	1.1	21
100	Modeling and characterization of the magnetocaloric effect in Ni2MnGa materials. International Journal of Refrigeration, 2014, 37, 289-296.	1.8	5
101	Fermi-Surface Reconstruction and Complex Phase Equilibria inCaFe2As2. Physical Review Letters, 2014, 112, 186401.	2.9	33
102	Angle-resolved photoemission spectroscopy observation of anomalous electronic states in EuFe₂As_{2âˆ’x}P_x. Journal of Physics Condensed Matter, 2014, 26, 035702.	0.7	11
103	Local Inhomogeneity and Filamentary Superconductivity in Pr-DopedCaFe2As2. Physical Review Letters, 2014, 112, 047005.	2.9	41
104	Modified magnetism within the coherence volume of superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></ mathvariant="normal">Se</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow><m Physical Review B, 2014, 90, .	1.1	6
105	Orbital Occupancy and Charge Doping in Ironâ€Based Superconductors. Advanced Materials, 2014, 26, 6193-6198.	11.1	13
106	Annealing effects on the properties of BFe₂As₂ (B = Ca, Sr, Ba) superconducting parents. Dalton Transactions, 2014, 43, 14971-14975.	1.6	12
107	Synthesis, Crystal Structure, and Electronic Properties of the CaRE3SbO4and Ca2RE8Sb3O10phases (RE) Tj ETQq1 1 0.784314 rgBT /O	3.2	5
108	Critical behavior of the spin density wave transition in underdoped<mml:math		

#	Article	IF	Citations
109	Pressure-induced superconductivity and structural transitions in Ba(Fe0.9Ru0.1)2As2. European Physical Journal B, 2014, 87, 1.	0.6	1
110	Magnetic structure and spin excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>BaMn</mml:mtext><mml:mn>2</mml:mn></mml:msu Physical Review B, 2014, 89, .	1.1	32
111	Evidence for superconductivity at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub><mml:mo in oxygen-deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">MoO</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mro properties of molybdenum arsenide and oxide binaries. Physical Review B, 2014, 90, .	1.1	9
112	Crystal growth, structures, magnetic and photoluminescent properties of NaLnGeO4 (LnÂ=ÂSm, Eu, Gd,) Tj ETQq0 0 0 rgBT /Overlock 10	1.5	19
113	Complex structures of different CaFe2As2 samples. Scientific Reports, 2014, 4, 4120.	1.6	41
114	U₃F₁₂(H₂O), a Noncentrosymmetric Uranium(IV) Fluoride Prepared via a Convenient In Situ Route That Creates U⁴⁺ under Mild Hydrothermal Conditions. Inorganic Chemistry, 2013, 52, 8303-8305.	1.9	36
115	Crystal, magnetic and electronic structures and properties of new BaMnPnF (Pn = As, Sb, Bi). Scientific Reports, 2013, 3, 2154.	1.6	27
116	Crystal Growth of New Hexahydroxometallates Using a Hydroflux. Inorganic Chemistry, 2013, 52, 11723-11733.	1.9	50
117	Absence of structural transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>M</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>Te xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 412 Td (xmlns:mml="h	1.1	6
118	Neutron Diffraction and Magnetic Susceptibility Studies on a High-Voltage Li_{1.2}Mn_{0.55}Ni_{0.15}Co_{0.10}O₂ Lithium Ion Battery Cathode: Insight into the Crystal Structure. Chemistry of Materials, 2013, 25, 4064-4070.	3.2	89
119	Local crystallography analysis for atomically resolved scanning tunneling microscopy images. Nanotechnology, 2013, 24, 415707.	1.3	18
120	Correlating cation ordering and voltage fade in a lithiumâ€"manganese-rich lithium-ion battery cathode oxide: a joint magnetic susceptibility and TEM study. Physical Chemistry Chemical Physics, 2013, 15, 19496.	1.3	108
121	Bulk synthesis of iron-based superconductors. Current Opinion in Solid State and Materials Science, 2013, 17, 59-64.	5.6	36
122	Crystal Growth, Structural Characterization, and Magnetic Properties of New Uranium(IV) Containing Mixed Metal Oxalates: Na₂U₂M(C₂O₄)₆(H₂O)₄ (M = Mn²⁺, Fe²⁺, Co²⁺, and Zn²⁺). Inorganic Chemistry, 2013, 52, 2199-2207.	1.9	31
123	Direct Probe of Interplay between Local Structure and Superconductivity in FeTe_{0.55}Se_{0.45}. ACS Nano, 2013, 7, 2634-2641.	7.3	24
124	Electronic Band Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaCo</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mi><mml: A Fully Doped Ferropnictide Analog with Reduced Electronic Correlations. Physical Review X, 2013, 3, .	2.4	41
125	Investigating phase transformation in the Li1.2Co0.1Mn0.55Ni0.15O2 lithium-ion battery cathode during high-voltage hold (4.5 V) via magnetic, X-ray diffraction and electron microscopy studies. Journal of Materials Chemistry A, 2013, 1, 6249.	5.2	125
126	Crystals, magnetic and electronic properties of a new ThCr2Si2-type BaMn2Bi2 and K-doped compositions. Journal of Solid State Chemistry, 2013, 204, 32-39.	1.4	37

#	Article	IF	Citations
127	Crystal Growth, Structure, Polarization, and Magnetic Properties of Cesium Vanadate, Cs₂V₃O₈: A Structureâ€“Property Study. Inorganic Chemistry, 2013, 52, 6179-6186.	1.9	37
128	Doping dependence of the spin excitations in the Fe-based superconductors Fe1+yTe1â^'xSex. Physical Review B, 2013, 87, .	1.1	12
129	Influence of spin fluctuations on the thermal conductivity in superconducting Ba(Fe<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	10
130	Effect of pressure, temperature, fluorine doping, and rare earth elements on the phonon density of states of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>L</mml:mi></mml:math>FeAsO studied by nuclear inelastic scattering. Physical Review B, 2013, 87, .	1.1	9
131	Interlayer Coherence and Superconducting Condensate in thec-Axis Response of Optimally DopedBa(Fe1â^'xCox)2As2High-TcSuperconductor Using Infrared Spectroscopy. Physical Review Letters, 2013, 110, 097003.	2.9	39
132	Electronic Signature of Magnetic Moment and Fe-Vacancy Order in Fe-Based TlFe1.6Se2 Investigated by STEM/EELS. Microscopy and Microanalysis, 2013, 19, 340-341.	0.2	1
133	Direct measurement of the magnetic penetration depth by magnetic force microscopy. Superconductor Science and Technology, 2012, 25, 112001.	1.8	19
134	Magnetic properties of single crystal EuCo2As2. Journal of Applied Physics, 2012, 111, .	1.1	25
135	Effect of molybdenum4dhole substitution in BaFe2As2. Physical Review B, 2012, 85, .	1.1	27
136	Electronic Correlations and Unconventional Spectral Weight Transfer in the High-Temperature Pnictide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:m Using Infrared Spectroscopy. Physical Review Letters, 2012, 108, 147002.	2.9	69
137	Coupled structural and magnetic antiphase domain walls on BaFe<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>As<mml:math Interactions, local moments, and magnetic correlations in the pnictide superconductors CeFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>F<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	12
138			

#	Article	IF	Citations
145	Direct probe of the variability of Coulomb correlation in iron pnictide superconductors. Physical Review B, 2012, 85, .	1.1	4
146	Infrared Measurement of the Pseudogap of P-Doped and Co-Doped High-Temperature<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Physical Review Letters, 2012, 109, 027006.	2.9	64
147	Effect of Uniaxial Strain on the Structural and Magnetic Phase Transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Physical Review Letters, 2012, 108, 087001.	2.9	95
148	Pressure-induced superconductivity in Ba_{0.5}Sr_{0.5}Fe₂As₂. Journal of Physics Condensed Matter, 2012, 24, 495702.	0.7	2
149	Properties of binary transition-metal arsenides (TAs). Superconductor Science and Technology, 2012, 25, 084016.	1.8	51
150	Temperature-composition phase diagrams for Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Sr<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	8
151	High-pressure structural phase transitions in chromium-doped BaFe₂As₂. Journal of Physics: Conference Series, 2012, 377, 012016.	0.3	5
152	Phase transition and superconductivity of SrFe₂As₂under high pressure. Journal of Physics Condensed Matter, 2011, 23, 122201.	0.7	45
153	Magnetism and Disorder Effects on Muon Spin Rotation Measurements of the Magnetic Penetration Depth in Iron-Arsenic Superconductors. Physical Review Letters, 2011, 106, 127002.	2.9	28
154	Effect of carrier doping on the formation and collapse of magnetic polarons in lightly hole-doped La1âˆ’xSrxCoO3. Physical Review B, 2011, 83, .	1.1	25
155	Nanoscale chemical phase separation in Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.55</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	66
156	Pressure effects on the transport coefficients of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Fe</mml:m Physical Review B, 2011, 84, .	1.1	22
157	Effect of annealing on the specific heat of optimally doped Ba(Fe0.92Co0.08)2As2. Journal of Physics: Conference Series, 2011, 273, 012094.	0.3	10
158	Search for pressure-induced superconductivity in CeFeAsO and CeFePO iron pnictides. Physical Review B, 2011, 83, .	1.1	26
159	Pressure effects on two superconducting iron-based families. Reports on Progress in Physics, 2011, 74, 124502.	8.1	98
160	Variation of physical properties in the nominal Sr4V2O6Fe2As2. Physica C: Superconductivity and Its Applications, 2011, 471, 143-149.	0.6	18
161	Structure and magnetic order in the series BixRE1âˆ’xFe0.5Mn0.5O3 (RE=La,Nd). Journal of Solid State Chemistry, 2011, 184, 830-842.	1.4	16
162	Magnetic excitations in the geometric frustrated multiferroic CuCrO<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>. Physical Review B, 2011, 84, .	1.1	50

#	Article	IF	Citations
163	Phonon splitting and anomalous enhancement of infrared-active modes in BaFe<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>As<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>. Physical Review B, 2011, 84, .	1.1	30
164	Spin glass and semiconducting behavior in one-dimensional BaFe2â^'Î´Se3(Î´â‰ˆ0.2)crystals. Physical Review B, 2011, 84, .	1.1	58
165	Spatial inhomogeneity inRFeAsO1â^'xFx(R=Pr, Nd) determined from rare-earth crystal-field excitations. Physical Review B, 2011, 83, .	1.1	11
166	Phonon softening near the structural transition in BaFe<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>As<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>observed by inelastic x-ray scattering. Physical Review B, 2011, 84, .	1.1	39
167	Unusual phase transitions and magnetoelastic coupling in TlFe1.6Se2single crystals. Physical Review B, 2011, 83, .	1.1	21
168			

#	Article	IF	Citations
181	Electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
199	C59oandA75sNMR investigation of lightly dopedBa(Fe1â^'xCox)2As2(x=0.02,0.04). Physical Review B, 2009, 79, .	1.1	36
200	Two-dimensional resonant magnetic excitation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>1.84</mml:mn></mml:msub><mml:msub><mml:mi>Co</mml:mi><m Physical Review Letters, 2009, 102, 107005.	2.9	237
201	Surface Geometric and Electronic Structures of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mn stretchy="false">(</mml:mo><mml:mn>001</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 647 Td (stretchy="fa	2.9	59
202	Aligned crystallite powder ofNdFeAsO0.86F0.14: Magnetic hysteresis and penetration depth. Physical Review B, 2009, 79, .	1.1	4
203	Electronic structure and magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaMn</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mm xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaMn</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mm Physical Review B, 2009, 79, .	1.1	112
204	Probing microscopic variations of superconductivity on the surface of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow Physical Review B, 2009, 80, .	1.1	5
205	Structure and anisotropic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
217	Anisotropic thermal expansion of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.06</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mtext>Te</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2009, 80, .	1.1	14
218	Bulk superconductivity at 14 K in single crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mtext>Te</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2009, 79, .	1.1	397
219	Properties ofRRe2Al10(R=Y, Gdâ€"Lu) crystals. Physical Review B, 2009, 79, .	1.1	5
220	High-resolution measurements of the thermal expansion of superconducting Co-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2009, 79, .	1.1	34
221	Influence of the rare-earth element on the effects of the structural and magnetic phase transitions in CeFeAsO, PrFeAsO and NdFeAsO. New Journal of Physics, 2009, 11, 025011.	1.2	109
222	Itinerant antiferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaCr</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Experimental characterization and electronic structure calculations. Physical Review B, 2009, 79, .	1.1	63
223	New correlated electron physics from new materials. Physica B: Condensed Matter, 2009, 404, 2924-2929.	1.3	17
224	Crystal structures and magnetic properties of CeAu4Si2 and CeAu2Si2. Journal of Solid State Chemistry, 2008, 181, 282-293.	1.4	11
225	Effect of pressure on the superconducting critical temperature of La[O0.89F0.11]FeAs and Ce[O0.88F0.12]FeAs. Physica C: Superconductivity and Its Applications, 2008, 468, 2229-2232.	0.6	48
226	Magnetization, resistivity and heat capacity of the anisotropic RVSb3 crystals (R=Laâ€"Nd, Sm, Gdâ€"Dy). Journal of Magnetism and Magnetic Materials, 2008, 320, 120-141.	1.0	20
227	Precise measurements of radio-frequency magnetic susceptibility in ferromagnetic and antiferromagnetic materials. Journal of Magnetism and Magnetic Materials, 2008, 320, 354-363.	1.0	32
228	Magnetic properties of off-stoichiometric R2Co3Zn14 (R=Y, Gd) single crystals. Journal of Magnetism and Magnetic Materials, 2008, 320, 1035-1042.	1.0	0
229	Two-band superconductivity in LaFeAsO0.89F0.11 at very high magnetic fields. Nature, 2008, 453, 903-905.	13.7	490
230	Electronic correlations in the superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><mml:mi mathvariant="normal">Fe</mml:mi><mml:mi mathvariant="normal">As</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>0.89</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>0.11</mml:mn></mml:msub></mml:mrow></mml:math>with	1.1	214
231	A New Magnetically Ordered Polymorph of CuMoO₄: Synthesis and Characterization of Îµ-CuMoO₄. Chemistry of Materials, 2008, 20, 3785-3787.	3.2	17
232	Superconductivity at 22 K in Co-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 117004.	2.9	980
233	Phonon Density of States of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaFeAsO</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 157004.	2.9	65
234	Variation of the magnetic ordering inGdT2Zn20(T=Fe, Ru, Os, Co, Rh and Ir) and its correlation with the electronic structure of isostructuralYT2Zn20. Physical Review B, 2008, 77, .	1.1	53

#	Article	IF	Citations
235	Pressure effects on the electron-doped highTcsuperconductor BaFe2â^'xCoxAs2. Journal of Physics Condensed Matter, 2008, 20, 472201.	0.7	48
236	Phase transitions in LaFeAsO: Structural, magnetic, elastic, and transport properties, heat capacity and MÃ¶ssbauer spectra. Physical Review B, 2008, 78, .	1.1	284
237	Comparative high-field magnetotransport of the oxypnictide superconductorsRFeAsO1â^'xFx(R=La, Nd) andSmFeAsO1â^'Î´. Physical Review B, 2008, 78, .	1.1	121
238	⁵⁹Co and ⁷⁵As NMR Investigation of Electron-Doped High T_c Superconductor BaFe_{1.8}Co_{0.2}As₂ (T_c = 22 K). Journal of the Physical Society of Japan, 2008, 77, 103705.	0.7	99
239	Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaFe</mml:mtext></mml:mrow><mml:mrow><mml:mi mathvariant="normal"> Physical Review B, 2008, 78, .	1.1	305
240	Evidence for electromagnetic granularity in the polycrystalline iron-based superconductor LaO0.89F0.11FeAs. Applied Physics Letters, 2008, 92, 252501.	1.5	59
241	F19NMR investigation of the iron pnictide superconductorLaFeAsO0.89F0.11. Physical Review B, 2008, 78, .	1.1	120
242	Evidence for Strong Itinerant Spin Fluctuations in the Normal State of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeFeAsO</mml:mi><mml:mn>0.89</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>0.11</mml:mn></mml:msub></mml:math>Iron-Oxypnictide Superconductors. Physical Review Letters, 2008, 101, 267001.	2.9	106
243	NMR Measurements of Intrinsic Spin Susceptibility in LaFeAsO_{0.9}F_{0.1}. Journal of the Physical Society of Japan, 2008, 77, 47-53.	0.7	16
244	Magnetic behavior ofRMn2+xAl10â^'x(R=La,Gd)crystals. Physical Review B, 2007, 76, .	1.1	7
245	Spin-Gap Formation and Thermal Structural Studies in Reduced Hybrid Layered Vanadates. Inorganic Chemistry, 2006, 45, 5109-5118.	1.9	25
246	Temperature-dependent optical spectroscopy studies ofNd1â^'xTiO3. Physical Review B, 2006, 73, .	1.1	16
247	Effect of hole doping on the magnetic properties of the Mott-Hubbard antiferromagnetic insulatorNd1â^'xTiO3. Physical Review B, 2006, 74, .	1.1	9
248	Anderson-Mott transition induced by hole doping inNd1â^'xTiO3. Physical Review B, 2006, 74, .	1.1	23
249	High-resolution EELS study of the vacancy-doped metal/insulator system, Nd1â^'xTiO3, to 0.33.. Journal of Solid State Chemistry, 2005, 178, 1008-1016.	1.4	90
250	A Reinterpretation of the Magnetic Properties of the Mixed-Valence (NbV/NbIV) Zintl Phase, Cs9Nb2As6.. ChemInform, 2004, 35, no.	0.1	0
251	A Reinterpretation of the Magnetic Properties of the Mixed-Valence (NbV/NbIV) Zintl Phase, Cs9Nb2As6. Inorganic Chemistry, 2004, 43, 142-143.	1.9	8
252	Ceramics Containing Magnetic Coâ€"Fe Alloy Nanoparticles from the Pyrolysis of a Highly Metallized Organometallic Polymer Precursor. Advanced Materials, 2003, 15, 51-55.	11.1	73

#	Article	IF	Citations
253	Synthesis, Structure, and Physical Properties of Mixed Valent Mo2SbS2, the First Superconducting Antimonide-Sulfide. Chemistry of Materials, 2003, 15, 780-786.	3.2	15
254	Reversible Lithium Uptake by FeP[sub 2]. Electrochemical and Solid-State Letters, 2003, 6, A162.	2.2	115
255	Polyferrocenylsilane Microspheres:Â Synthesis, Mechanism of Formation, Size and Charge Tunability, Electrostatic Self-Assembly, and Pyrolysis to Spherical Magnetic Ceramic Particles. Journal of the American Chemical Society, 2002, 124, 12522-12534.	6.6	112
256	Replicating the Structure of a Crosslinked Polyferrocenylsilane Inverse Opal in the Form of a Magnetic Ceramic. Advanced Functional Materials, 2002, 12, 382.	7.8	50
257	Polyferrocenylsilane and Magnetic Ceramic Microspheres. Advanced Materials, 2001, 13, 732-736.	11.1	62