Alexander A Tsirlin

List of Publications by Year
in descending order

269	6,463	87888	106344
papers	citations	38 h-index	65 g-index

292	292	292	6359
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Models and materials for generalized Kitaev magnetism. Journal of Physics Condensed Matter, 2017, 29, 493002.	1.8	384
2	Discovery of a Superhard Iron Tetraboride Superconductor. Physical Review Letters, 2013, 111, 157002.	7.8	192
3	Anisotropic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Ru</mml:mi></mml:mrow><mml:mrow><m in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^’</mml:mo><mml:msub><mml:m Physical Review B, 2015, 91, .	3.2	169
4	Synthesis, Structure, and Properties of New Perovskite PbVO3. Chemistry of Materials, 2004, 16, 3267-3273.	6.7	168
5	Crystalline Electric-Field Randomness in the Triangular Lattice Spin-Liquid <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbMgGaO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml Physical Review Letters, 2017, 118, 107202.	7.8	139
6	Muon Spin Relaxation Evidence for the U(1) Quantum Spin-Liquid Ground State in the Triangular Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbMgGaO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:m Physical Review Letters, 2016, 117, 097201.	7.8	138
7	Magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>BaCdVO</mml:mtext><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml: A strongly frustrated spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptl. Physical Review B, 2008, 78, .	3.2	127
8	Large Noncollinearity and Spin Reorientation in the Novel<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Mn</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml Magnet. Physical Review Letters, 2014, 113, 087203.	7.8	112
9	The quantum nature of skyrmions and half-skyrmions in Cu2OSeO3. Nature Communications, 2014, 5, 5376.	12.8	108
10	Gapless spin-liquid state in the structurally disorder-free triangular antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaYbO</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2019, 100, .	3.2	101
11	Perovskiteâ€like Mn₂O₃: A Path to New Manganites. Angewandte Chemie - International Edition, 2013, 52, 1494-1498.	13.8	96
12	Ferromagnetic Order, Strong Magnetocrystalline Anisotropy, and Magnetocaloric Effect in the Layered Telluride Fe_{3â^'Î´}GeTe₂. Inorganic Chemistry, 2015, 54, 8598-8607.	4.0	93
13	Field-induced instability of the quantum spin liquid ground state in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mi>eff</mml:mi></mml: triangular-lattice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NaYbO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical	3.2	86
14	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi><mml:msub><mml:mrow><mml:mtext>-Cu</mml:mtext></mml:mrow><mml:mn>2 A spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2. Physical Review B, 2010, 82, .	3.2	84
15	Extension of the spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:math>frustrated square-lattice model: The case of layered vanadium phosphates. Physical Review B, 2009, 79, .	3.2	83
16	Phase separation and frustrated square lattice magnetism of Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math>VOPO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	3.2	74
17	Structure and Magnetic Properties of BiFe_{0.75}Mn_{0.25}O₃ Perovskite Prepared at Ambient and High Pressure. Chemistry of Materials, 2011, 23, 4505-4514.	6.7	74
18	Frustrated spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mo>â•</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>square lattice in the layered perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Pb</mml:mi><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physi	3.2	70

#	Article	IF	Citations
19	Exploring the spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>frustrated square lattice model with high-field magnetization studies. Physical Review B, 2009, 80, .	3.2	68
20	Low-temperature phase diagram of Fe<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>+</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Te studied using x-ray diffraction. Physical Review B, 2013, 88, .	3.2	61
21	Competition between spin-orbit coupling, magnetism, and dimerization in the honeycomb iridates: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^’</mml:mo><mml:msub><mml:mn under pressure. Physical Review B, 2018, 97, .	3.2	61
22	Breakdown of Magnetic Order in the Pressurized Kitaev Iridate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub><mml:mrow><mml:mi>Li</mml:mi></mml Physical Review Letters, 2018, 120, 237202.	7.8	57
23	Optical detection of the density-wave instability in the kagome metal KV3Sb5. Npj Quantum Materials, 2022, 7, .	5.2	57
24	Multiple Twinning As a Structure Directing Mechanism in Layered Rock-Salt-Type Oxides: NaMnO₂ Polymorphism, Redox Potentials, and Magnetism. Chemistry of Materials, 2014, 26, 3306-3315.	6.7	56
25	Bridging frustrated-spin-chain and spin-ladder physics: Quasi-one-dimensional magnetism ofBiCu2PO6. Physical Review B, 2010, 82, .	3.2	54
26	Charge-ordering transition in iron oxide Fe4O5 involving competing dimer and trimer formation. Nature Chemistry, 2016, 8, 501-508.	13.6	54
27	Peierls distortion, magnetism, and high hardness of manganese tetraboride. Physical Review B, 2014, 89, .	3.2	53
28	Nearest-neighbour resonating valence bonds in YbMgGaO4. Nature Communications, 2017, 8, 15814.	12.8	52
29	Thermodynamic evidence of fractionalized excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^’</mml:mo><mml:mi>RuC</m mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	52
30	Cation Ordering and Flexibility of the BO₄^{2â€“} Tetrahedra in Incommensurately Modulated CaEu₂(BO₄)₄ (B = Mo, W) Scheelites. Inorganic Chemistry, 2014, 53, 9407-9415.	4.0	49
31	An unusual high-spin ground state of Co³⁺ in octahedral coordination in brownmillerite-type cobalt oxide. Dalton Transactions, 2015, 44, 10708-10713.	3.3	46
32	Frustration and Dzyaloshinsky-Moriya anisotropy in the kagome francisites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 21 mathvariant="normal">O</mml:mi><mml:mn. Physical Review B, 2015, 91, .	3.2	46
33	A Hard Oxide Semiconductor with A Direct and Narrow Bandgap and Switchable pâ€“n Electrical Conduction. Advanced Materials, 2014, 26, 8185-8191.	21.0	44
34	Spin gap in malachite Cu<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>(OH)<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>CO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	42
35	Thermodynamic Perspective on Field-Induced Behavior of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub><mml:mrow><mml:mi>RuCl</mml:mi> Physical Review Letters, 2020, 125, 097203.	7.8	42
36	Low-energy optical properties of the nonmagnetic kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>Sb</mml:mi><mml:mn></mml:mn></mml:mrow></mml Physical Review B, 2021, 104, .	3.2	42

#	Article	IF	Citations
37	Frustrated Octahedral Tilting Distortion in the Incommensurately Modulated Li3xNd2/3â€“xTiO3Perovskites. Chemistry of Materials, 2013, 25, 2670-2683.	6.7	41
38	Low-Temperature Structure and Thermoelectric Properties of Pristine Synthetic Tetrahedrite Cu₁₂Sb₄S₁₃. Chemistry of Materials, 2016, 28, 6621-6627.	6.7	41
39	Long-range superexchange in Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>A</mml:mi><mml:mrow><mml:mn>2</mml xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow		

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55	Magnetic transitions in the spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>5</mml:mn><mml:mn>2</mml:mn></mml:mfrac></m magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Bi</mml:mi><mml:msub><mml:mi>Mn</mml:mi><mml:mn>2</mml strong lattice softening in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Bi</mml:mi><mml:msub><mml:mi>Mn</mml:	3.2	33
56	Commensurate and incommensurate magnetic order in spin-1 chains stacked on the triangular lattice in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Li</mml:mi><mml:mn>2</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	33
57	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mfrac><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m in AgVOAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Re	3.2	32
58	The High-Temperature Polymorphs of K₃AlF₆. Inorganic Chemistry, 2011, 50, 7792-7801.	4.0	31
59	Strong electron-phonon coupling in the intermetallic superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mo</mml:mi><mml:mn>8</mml:mn></m Physical Review B, 2016, 93, .	3.2	31
60	Large quantum fluctuations in the strongly coupled spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>chains of green dioptase<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cu</mml:mtext></mml:mrow><mml:mn>6</mml:mn></mml:msu	3.2	30
61	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>CoIrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>6</mml:mn></mml:msub></mml:math>and Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	3.2	30
62	Magnetic anisotropy in the frustrated spin-chain compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mo>â^'</mml:mo><mml:msub><mml:r Physical Review B, 2016, 94, .	3.2	29
63	Role of Sb in the superconducting kagome metal CsV$_3$Sb$_5$ revealed by its anisotropic compression. SciPost Physics, 2022, 12, .	4.9	29
64	Magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Ag</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mi mathvariant="normal">O</mml:mi><mml:msub><mml:mi mathvariant="normal">P</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>: An	3.2	28
65	Hindered magnetic order from mixed dimensionalities in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mtext>CuP</mml:mtext></mml:mrow><mml: Physical Review B, 2014, 89, .	3.2	28
66	Lithium Insertion into Li₂MoO₄: Reversible Formation of (Li₃Mo)O₄ with a Disordered Rock-Salt Structure. Chemistry of Materials, 2015, 27, 4485-4492.	6.7	27
67	High-pressure versus isoelectronic doping effect on the honeycomb iridate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></m Physical Review B, 2017, 96, .	3.2	27
68	Crystal Growth of the Nowotny Chimney Ladder Phase Fe₂Ge₃: Exploring New Fe-Based Narrow-Gap Semiconductor with Promising Thermoelectric Performance. Chemistry of Materials, 2017, 29, 9954-9963.	6.7	27
69	Direct space structure solution from precession electron diffraction data: Resolving heavy and light scatterers in Pb13Mn9O25. Ultramicroscopy, 2010, 110, 881-890.	1.9	26
70	Microscopic model of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mtext>CuCl</mml:mtext></mml:mrow Coupled spin dimers replace a frustrated square lattice. Physical Review B, 2010, 82, .	3.2	25
71	display="inline"><mml:msub><mml:mi>A</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>CuP<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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73	Cubic symmetry and magnetic frustration on the fcc spin lattice in <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>IrCl</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	25
74	Structural distortion and frustrated magnetic interactions in the layered copper oxychloride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mtext>CuCl</mml:mtext></mml:mrow><mml:mo> Physical Review B, 2009, 79, .	3.2	24
75	BaAg<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>Cu[VO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	24
76	Magnetism of Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>X</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>frustrated chains (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617.72 Td (display="inline"> 2013, 87, .	3.2	24
77	Y3Pt4Ge13: A superconductor with a noncentrosymmetric crystal structure. Physical Review B, 2013, 87, .	3.2	24
78	Two-gap superconductivity inMo8Ga41and its evolution upon vanadium substitution. Physical Review B, 2017, 96, .	3.2	24
79	Persistent low-temperature spin dynamics in the mixed-valence iridate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	3.2	24
80	Angle-dependent thermodynamics of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>Ru< Physical Review B, 2021, 103, .	3.2	24
81	Slicing the Perovskite Structure with Crystallographic Shear Planes: The AnBnO3nâ^'2Homologous Series. Inorganic Chemistry, 2010, 49, 9508-9516.	4.0	23
82	Magnetic properties of the low-dimensional spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	23
83	Unusual ferromagnetic superexchange in CdVO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /> Square-lattice magnetism of diaboleite Pb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /> The role of Cd. Physical Review B, 2011, 84, .	3.2	23
84	<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>Cu(OH)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>Cl<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	23
85	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	23
86	Quasi-two-dimensionalS=12magnetism ofCu[C6H2(COO)4][C2H5NH3]2. Physical Review B, 2015, 91, .	3.2	23
87	francisites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock	3.2	23
88	Structure, phonons, and orbital degrees of freedom in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	23
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241	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:mn>1</mml:mn></mml:msup></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math> mixed-valence <mml:math	3.2	3
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