Liu Hao Tjeng

List of Publications by Year
in descending order

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300 papers	15,657 citations	15504 65 h-index	21540 114 g-index
312 all docs	312 docs citations	312 times ranked	13852 citing authors

#	Article	IF	Citations
1	FeWO₄ Single Crystals: Structure, Oxidation States, and Magnetic and Transport Properties. Chemistry of Materials, 2022, 34, 789-797.	6.7	6
2	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CaCu</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mm : A High-Kondo-Temperature Transition-Metal Oxide. Physical Review X, 2022, 12, .	8.9	5
3	Fe4-xNixNb2O9 (x â‰ 1): Nickel impact on the magnetoelectric properties of Fe4Nb2O9. Solid State Sciences, 2022, 125, 106821.	3.2	1
4	Realization of a Half Metal with a Recordâ€High Curie Temperature in Perovskite Oxides. Advanced Materials, 2022, 34, e2200626.	21.0	16
5	Single-crystal epitaxial europium iron garnet films with strain-induced perpendicular magnetic anisotropy: Structural, strain, magnetic, and spin transport properties. Physical Review Materials, 2022, 6, .	2.4	7
6	Unusual mixed spin-state of Co3+ in the ground state of LaSrCoO4: Combined high-pressure and high-temperature study. Journal of Alloys and Compounds, 2021, 862, 158050.	5.5	4
7	High pressure phase of Ba2FeS3: An antiferromagnet with one-dimensional spin chains. Journal of Alloys and Compounds, 2021, 859, 157839.	5.5	14
8	Challenges of Topological Insulator Research: Bi₂Te₃ Thin Films and Magnetic Heterostructures. Physica Status Solidi (B): Basic Research, 2021, 258, 2000346.	1.5	10
9	Selective Orbital Imaging of Excited States with X-Ray Spectroscopy: The Example of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math> -MnS. Physical Review X, 2021, 11, .	8.9	1
10	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi></mml:mrow></mml:math> -site antiferromagnetic and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi></mml:mrow></mml:math> -site ferrimagnetic orderings in the quadruple perovskite oxide <mml:math	3.2	12
11	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ca</mml:mi><mml:msub><mml:mi>Cu</mml:mi><mml:m Fe₂Co₂Nb₂O₉: a magnetoelectric honeycomb antiferromagnet. Journal of Materials Chemistry C, 2021, 9, 14236-14246.	5.5	8
12	Anomalous electronic properties in layered, disordered ZnVSb. Physical Review Materials, 2021, 5, .	2.4	2
13	A combinatory ferroelectric compound bridging simple ABO3 and A-site-ordered quadruple perovskite. Nature Communications, 2021, 12, 747.	12.8	62
14	Electronic structure of the metallic oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ReO</mml:mi><mml:mn>3</mml:mn></mml:msub></mm Physical Review B, 2021, 103, .	3.2	5
15	Charge and spin degrees of freedom in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> topological insula	2.4	2
16	Observation of novel charge ordering and spin reorientation in perovskite oxide PbFeO3. Nature Communications, 2021, 12, 1917.	12.8	17
17	Charge and spin degrees of freedom in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>A</mml:mi></mml:math> -site ordered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">Y</mml:mi><mml:msub><mml:mi>Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/19. Physical Review B, 2021, 103, .	3.2	8
18	Single Crystal Growth and Physical Properties of Pyroxene CoGeO3. Crystals, 2021, 11, 378.	2.2	1

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19	High-pressure synthesis, crystal structure, and properties of iron-based spin-chain compound Ba9Fe3Se15. Physical Review Materials, 2021, 5, .	2.4	5
20	Evidence for largest room temperature magnetic signal from Co2+ in antiphase-free & fully inverted CoFe2O4 in multiferroic-ferrimagnetic BiFeO3-CoFe2O4 nanopillar thin films. Journal of Magnetism and Magnetic Materials, 2021, 530, 167940.	2.3	4
21	Emergent 1/3 magnetization plateaus in pyroxene <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CoGeO</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review Research, 2021, 3, .	3.6	4
22	Magnetic and electric field dependent anisotropic magnetoelectric multiferroicity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sm</mml:mi><mml:msub><mml:mi>Mn</mml:mi><mml: mathvariant="normal">O</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 104, .	3.2	9
23	Magnetic Frustration in a Zeolite. Chemistry of Materials, 2021, 33, 9725-9731.	6.7	1
24	A New Highly Anisotropic Rhâ€Based Heusler Compound for Magnetic Recording. Advanced Materials, 2020, 32, 2004331.	21.0	18
25	Charge-transfer energy in iridates: A hard x-ray photoelectron spectroscopy study. Physical Review B, 2020, 102, .	3.2	9
26	High-Pressure Synthesis of a B-site Co²⁺/Mn⁴⁺ Disordered Quadruple Perovskite LaMn₃Co₂Mn₂O₁₂. Inorganic Chemistry, 2020, 59, 12445-12452.	4.0	4
27	Charge disproportionation and nano phase separation in $$extit{R}mathrm{SrNiO}_{4}$$. Scientific Reports, 2020, 10, 18012.	3.3	2
28	Interfacing topological insulators and ferrimagnets: Bi2Te3 and Fe3O4 heterostructures grown by molecular beam epitaxy. APL Materials, 2020, 8, .	5.1	7
29	Enhanced magnetization of the highest- <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: ferrimagnetic oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	13
30	Spin-Induced Multiferroic Behavior in Centrosymmetric Mn₃WO₆. Chemistry of Materials, 2020, 32, 5664-5669.	6.7	4
31	High-pressure synthesis and spin glass behavior of a Mn/Ir disordered quadruple perovskite CaCu₃Mn₂Ir₂O₁₂. Journal of Physics Condensed Matter, 2020, 32, 075701.	1.8	15
32	High-Pressure Synthesis of Two Polymorphic HgMnO3 Phases and Distinct Magnetism from 2D to 3D. Inorganic Chemistry, 2020, 59, 3887-3893.	4.0	5
33	Voltage- and time-dependent valence state transition in cobalt oxide catalysts during the oxygen evolution reaction. Nature Communications, 2020, 11, 1984.	12.8	120
34	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
35	Possible multiorbital ground state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeCu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></ Physical Review B, 2020, 102, .	3.2	15
36	Molecular beam epitaxy preparation and in situ characterization of FeTe thin films. Physical Review Materials, 2020, 4, .	2.4	6

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37	Topological insulator interfaced with ferromagnetic insulators: Bi2Te3 thin films on magnetite and iron garnets. Physical Review Materials, 2020, 4, .	2.4	19
38	From antiferromagnetism to high- <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:ma weak ferromagnetism manipulated by atomic rearrangement in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mn>3</mml:mn> mathvariant="normal"><mml:mi>O</mml:mi></mml:mrow><mml:. Physical Review Materials, 2020, 4, .	2.4	2
39	Nature of the magnetism of iridium in the double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2019, 100, .	3.2	12
40	Ternary Phase Diagram-Facilitated Rapid Screening of Double Perovskites As Electrocatalysts for the Oxygen Evolution Reaction. Chemistry of Materials, 2019, 31, 5919-5926.	6.7	26
41	Orbital selection of the double [CuO2] layer compound Ca3Cu2O4Cl2. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	1
42	Interplay of Atomic Interactions in the Intermetallic Semiconductor Be₅Pt. Angewandte Chemie - International Edition, 2019, 58, 15928-15933.	13.8	32
43	Deciphering the Interface of a Highâ€Voltage (5 Vâ€Class) Liâ€Ion Battery Containing Additiveâ€Assisted Sulfolaneâ€Based Electrolyte. Small Methods, 2019, 3, 1900546.	8.6	33
44	Large magnetoresistance effects in Fe3O4. Journal of Physics Condensed Matter, 2019, 31, 225803.	1.8	3
45	A submicron soft x-ray active grating monochromator beamline for ultra-high resolution angle-resolved photoemission spectroscopy. AIP Conference Proceedings, 2019, , .	0.4	7
46	Orientation of the ground-state orbital in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ Physical Review B, 2019, 99, .	3.2	9
47	Deterministic optical control of room temperature multiferroicity in BiFeO3 thin films. Nature Materials, 2019, 18, 580-587.	27.5	76
48	Boosting the oxygen evolution reaction activity of a perovskite through introducing multi-element synergy and building an ordered structure. Journal of Materials Chemistry A, 2019, 7, 9924-9932.	10.3	62
49	Direct imaging of orbitals in quantum materials. Nature Physics, 2019, 15, 559-562.	16.7	15
50	Valence band hard x-ray photoelectron spectroscopy on <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:m transition-metal oxides containing rare-earth elements. Physical Review B, 2019, 99, .	3.2	19
51	Valence band hard x-ray photoelectron spectroscopy on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaC</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mrow><mml:mn>0</mml:mn><mml:mrow><mml:mo>.</mml:mo><mml:mn>5</mml:mn> mathvariant="normal">R</mml:mi><mml:msub><mml:mi mathvariant="normal">h</mml:mi><mml:mrow><mml:mn>0</mml:mn><mml:mrow><mml:mo>.</mml:mo><mml:mn>5</mml:mn> mathvariant. Physical Review B, 2019, 99, .	3.2	7
52	High-pressure synthesis of A-site ordered perovskite CaMn3(Fe3Mn)O12 and sequential long-range antiferromagnetic ordering and spin glass transition. Journal of Solid State Chemistry, 2019, 278, 120921.	2.9	8
53	Origin of Ising magnetism in Ca3Co2O6 unveiled by orbital imaging. Nature Communications, 2019, 10, 5447.	12.8	15
54	Spin-orbit coupling and crystal-field distortions for a low-spin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:mn> state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BaCoO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 100, .	3.2	49

#	Article	IF	Citations
55	Crystal Growth and Physical Properties of Sr4Co3O7.5+xCl2 Single Crystals (x â‰ˆ 0.14). Crystals, 2019, 9, 623.	2.2	1
56	Resonant inelastic x-ray scattering investigation of the crystal-field splitting of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Sm</mml:mi></mml:mrow><mml:mrow><m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SmB</mml:mi><mml:mn>6</mml:mn></mml:msub></mm Physical Review B, 2019, 100, .	3.2	10
57	Single antiferromagnetic axis of Fe in orthorhombic YMn0.5Fe0.5O3 films observed by x-ray magnetic linear dichroism. Journal of Alloys and Compounds, 2019, 780, 79-84.	5.5	2
58	The new ordered double perovskite SrLaCuIrO6. Solid State Communications, 2019, 289, 43-46.	1.9	7
59	Room-temperature ferrimagnetism of anti-site-disordered <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">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>MnOs</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>.	2.4	16
60	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2</mml:mn></mml: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mrow><mml:mi>M</mml:mi><mml:mo>=</mml:mo material with chains. Physical Review Materials, 2019, 3, .	2.4	2
61	Strong modification of thin film properties due to screening across the interface. Physical Review B, 2018, 97, .	3.2	5
62	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>c</mml:mi></mml:math> -Axis Dimer and Its Electronic Breakup: The Insulator-to-Metal Transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Ti</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub> Physical Review X, 2018, 8, .	8.9	19
63	Valence State of Pb in Transition Metal Perovskites PbTMO₃ (TMâ€‰=â€‰Ti, Ni) Determined From Xâ€Ray Absorption Nearâ€Edge Spectroscopy. Physica Status Solidi (B): Basic Research, 2018, 255, 1800014.	1.5	7
64	Antiferromagnetic correlations in the metallic strongly correlated transition metal oxide LaNiO3. Nature Communications, 2018, 9, 43.	12.8	110
65	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math> Crystal Field Ground State of the Strongly Correlated Topological Insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SmB</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml: Physical Review Letters, 2018, 120, 016402.	7.8	37
66	Complex strain evolution of polar and magnetic order in multiferroic BiFeO3 thin films. Nature Communications, 2018, 9, 3764.	12.8	40
67	Determining the local low-energy excitations in the Kondo semimetal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeRu</mml:mi><mml:mn>4</mml:mn></mml: resonant inelastic x-ray scattering. Physical Review B, 2018, 98, .	3.2	14
68	Strain-induced changes of the electronic properties of B -site ordered double-perovskite Sr2CoIrO6 thin films. Physical Review B, 2018, 97, .	3.2	13
69	Probing the Jeff=0 ground state and the Van Vleck paramagnetism of the Ir5+ ions in layered Sr2Co0.5Ir0.5O4. Physical Review B, 2018, 97, .	3.2	16
70	Synthesis and Characterization of BaLiRu₅O₁₁, BaCu₁₊_xRu_{5â€“}_xO₁₁, and BaLi_{1â€“}_xCu_x₊_{Î´}Ru_{5â€“}_x_{Î´} Crystal Structures and Valence States. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1691-1696.	1.2	4
71	Ultrahigh-performance tungsten-doped perovskites for the oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 9854-9859.	10.3	82
72	Canted Antiferromagnetism on Rectangular Layers of Fe²⁺ in Polymorphic CaFeSeO. Inorganic Chemistry, 2017, 56, 4271-4279.	4.0	7

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73	Three Oxidation States of Manganese in the Barium Hexaferrite BaFe_{12â€“x}Mn_xO₁₉. Inorganic Chemistry, 2017, 56, 3861-3866.	4.0	57
74	Electronically highly cubic conditions for Ru 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:msub><mml:mi mathvariant="bold">RuCl</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	3.2	36
75	Bulk and surface electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mtext>SmB</mml:mtext></mml:mrow> A hard x-ray photoelectron spectroscopy study. Physical Review B, 2017, 96, .	3.2	28
76	Valence state of Sm in single-crystalline EuO thin films. Europhysics Letters, 2017, 117, 47001.	2.0	3
77	The quartet ground state in CeB ₆ : An inelastic x-ray scattering study. Europhysics Letters, 2017, 117, 17003.	2.0	15
78	Intermediate-Valence Ytterbium Compound Yb₄Ga₂₄Pt₉: Synthesis, Crystal Structure, and Physical Properties. Inorganic Chemistry, 2017, 56, 9343-9352.	4.0	12
79	Insight into the Role of Metalâ€“Oxygen Bond and O 2p Hole in High-Voltage Cathode LiNi_xMn_{2â€“x}O₄. Journal of Physical Chemistry C, 2017, 121, 16079-16087.	3.1	50
80	Intricacies of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Co</mml:mi></mml:mrow><mml:mrow><m spin state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:r Physical Review B, 2017, 95, .	3.2	14
81	Challenges from experiment: electronic structure of NiO. European Physical Journal: Special Topics, 2017, 226, 2445-2456.	2.6	20
82	Comparative Study of Potentially J_{eff} = 0 Ground State Iridium(V) in SrLaNiIrO₆, SrLaMgIrO₆, and SrLaZnIrO₆. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 2095-2101.	1.2	19
83	Electronic signature of the vacancy ordering in NbO(Nb3O3). Physical Review B, 2017, 96, .	3.2	16
84	Relation between the Co-O bond lengths and the spin state of Co in layered Cobaltates: a high-pressure study. Scientific Reports, 2017, 7, 3656.	3.3	25
85	Long-range interactions in the effective low-energy Hamiltonian of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">IrO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> : A core-to-core resonant inelastic x-ray scattering study. Physical Review B, 2017, 95, .	3.2	18
86	Jahn-Teller distortion driven magnetic polarons in magnetite. Nature Communications, 2017, 8, 15929.	12.8	47
87	Ce 3phard x-ray photoelectron spectroscopy study of the topological Kondo insulator CeRu₄Sn₆. Journal of Physics: Conference Series, 2017, 807, 022001.	0.4	4
88	Single Crystal Growth of Pure Co3+ Oxidation State Material LaSrCoO4. Crystals, 2016, 6, 98.	2.2	14
89	[Cs₆Cl][Fe₂₄Se₂₆]: A Hostâ€“Guest Compound with Unique Feâ€“Se Topology. Chemistry - A European Journal, 2016, 22, 4626-4631.	3.3	8
90	Incommensurate spin correlations in highly oxidized cobaltates La2â^'xSrxCoO4. Scientific Reports, 2016, 6, 25117.	3.3	17

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91	Cross-type orbital ordering in the layered hybrid organic-inorganic compound <mml:math		

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109	Optimizing Polarization Dependent Hard X-ray Photoemission Experiments for Solids. Springer Series in Surface Sciences, 2016, , 263-275.	0.3	0
110	SmO thin films: A flexible route to correlated flat bands with nontrivial topology. Physical Review B, 2015, 91, .	3.2	12
111	Absence of orbital rotation in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeCu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 91, .	3.2	26
112	Crossover from a heavy fermion to intermediate valence state in noncentrosymmetric Yb2Ni12(P,As)7. Scientific Reports, 2015, 5, 17608.	3.3	16
113	Protective capping of topological surface states of intrinsically insulating Bi2Te3. AIP Advances, 2015, 5, .	1.3	38
114	Synthesis and Characterization of Frustrated Spin Ladders SrFe₂S₂O and SrFe₂Se₂O. European Journal of Inorganic Chemistry, 2015, 2015, 2982-2988.	2.0	15
115	Ba₃V₂S₄O₃: A Mott Insulating Frustrated Quasiâ€Oneâ€Dimensional S=1 Magnet. Chemistry - A European Journal, 2015, 21, 7938-7943.	3.3	19
116	Sr₂MgOsO₆: A Frustrated Os⁶⁺ (5d²) Double Perovskite with Strong Antiferromagnetic Interactions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 769-771.	1.2	11
117	Mn₃TeO₆- a new multiferroic material with two magnetic substructures. Physica Status Solidi - Rapid Research Letters, 2015, 9, 730-734.	2.4	22
118	Synthesis and Characterization of Ba[CoSO]: Magnetic Complexity in the Presence of Chalcogen Ordering. Chemistry - A European Journal, 2015, 21, 10821-10828.	3.3	19
119	Charge correlations in cobaltates La_{2â€“x}Sr_x CoO₄. Physica Status Solidi - Rapid Research Letters, 2015, 9, 580-582.	2.4	14
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