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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

286 papers	8,495 citations	47 h-index	78 g-index
300 ext. papers	10,397 ext. citations	7.4 avg, IF	5.75 L-index

#	Paper	IF	Citations
286	Spin state transition in LaCoO ₃ studied using soft x-ray absorption spectroscopy and magnetic circular dichroism. <i>Physical Review Letters</i> , 2006 , 97, 176405	7.4	417
285	Orbital-assisted metal-insulator transition in VO ₂ . <i>Physical Review Letters</i> , 2005 , 95, 196404	7.4	278
284	Microscopic origin of the giant ferroelectric polarization in tetragonal-like BiFeO ₃ . <i>Physical Review Letters</i> , 2011 , 107, 147602	7.4	248
283	Transfer of spectral weight and symmetry across the metal-insulator transition in VO(2). <i>Physical Review Letters</i> , 2006 , 97, 116402	7.4	236
282	Direct observation of electron doping in La _{0.7} Ce _{0.3} MnO ₃ using x-ray absorption spectroscopy. <i>Physical Review B</i> , 2003 , 67,	3.3	168
281	Magnetizing oxides by substituting nitrogen for oxygen. <i>Physical Review Letters</i> , 2007 , 98, 137202	7.4	164
280	Orbital character of states at the Fermi level in La _{2-x} Sr _x CuO ₄ and R _{2-x} Ce _x CuO ₄ (R=Nd,Sm). <i>Physical Review B</i> , 1993 , 47, 3354-3367	3.3	164
279	An Amorphous Nickel-Iron-Based Electrocatalyst with Unusual Local Structures for Ultrafast Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2019 , 31, e1900883	24	161
278	Different look at the spin state of Co(3+) ions in a CoO(5) pyramidal coordination. <i>Physical Review Letters</i> , 2004 , 92, 207402	7.4	155
277	Controlling orbital moment and spin orientation in CoO layers by strain. <i>Physical Review Letters</i> , 2005 , 95, 187205	7.4	140
276	Local electronic structure and magnetic properties of LaMn _{0.5} Co _{0.5} O ₃ studied by x-ray absorption and magnetic circular dichroism spectroscopy. <i>Physical Review B</i> , 2008 , 77,	3.3	134
275	Nature of magnetism in Ca ₃ Co ₂ O ₆ . <i>Physical Review Letters</i> , 2005 , 95, 186401	7.4	124
274	Spin blockade, orbital occupation, and charge ordering in La _{1.5} Sr _{0.5} CoO ₄ . <i>Physical Review Letters</i> , 2009 , 102, 116401	7.4	123
273	Boosting Oxygen Evolution Reaction by Creating Both Metal Ion and Lattice-Oxygen Active Sites in a Complex Oxide. <i>Advanced Materials</i> , 2020 , 32, e1905025	24	122
272	Differences between L ₃ and L ₂ x-ray absorption spectra of transition metal compounds. <i>Journal of Chemical Physics</i> , 1994 , 101, 6570-6576	3.9	119
271	Unusual synergistic effect in layered Ruddlesden-Popper oxide enables ultrafast hydrogen evolution. <i>Nature Communications</i> , 2019 , 10, 149	17.4	116
270	Ising magnetism and ferroelectricity in Ca ₃ CoMnO ₆ . <i>Physical Review Letters</i> , 2009 , 102, 026404	7.4	102

269	A complete high-to-low spin state transition of trivalent cobalt ion in octahedral symmetry in $\text{SrCo}_{0.5}\text{Ru}_{0.5}\text{O}(3-\delta)$. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1514-9	16.4	95
268	Valence, spin, and orbital state of Co ions in one-dimensional $\text{Ca}_3\text{Co}_2\text{O}_6$: An x-ray absorption and magnetic circular dichroism study. <i>Physical Review B</i> , 2006 , 74,	3.3	89
267	Orthorhombic BiFeO_3 . <i>Physical Review Letters</i> , 2012 , 109, 247606	7.4	87
266	$k=0$ magnetic structure and absence of ferroelectricity in SmFeO_3 . <i>Physical Review Letters</i> , 2014 , 113, 217203	7.4	86
265	A Universal Strategy to Design Superior Water-Splitting Electrocatalysts Based on Fast In Situ Reconstruction of Amorphous Nanofilm Precursors. <i>Advanced Materials</i> , 2018 , 30, e1804333	24	86
264	Magnetic versus crystal-field linear dichroism in NiO thin films. <i>Physical Review B</i> , 2004 , 69,	3.3	75
263	Epitaxial and layer-by-layer growth of EuO thin films on yttria-stabilized cubic zirconia (001) using MBE distillation. <i>Physical Review B</i> , 2009 , 79,	3.3	72
262	Multiplet effects in the Ru L2,3 x-ray-absorption spectra of Ru(IV) and Ru(V) compounds. <i>Physical Review B</i> , 2000 , 61, 5262-5266	3.3	72
261	Direct observation of t_{2g} orbital ordering in magnetite. <i>Physical Review Letters</i> , 2008 , 100, 026406	7.4	71
260	Electronic structure of pristine and intercalated $\text{Sc}_3\text{N}@C_{80}$ metallofullerene. <i>Physical Review B</i> , 2002 , 66,	3.3	71
259	Electronic and magnetic properties of the kagome systems YBaCo_4O_7 and $\text{YBaCo}_3\text{MO}_7$ ($M=\text{Al}, \text{Fe}$). <i>Physical Review B</i> , 2009 , 80,	3.3	70
258	Soft x-ray magnetic circular dichroism study on Gd-doped EuO thin films. <i>Physical Review B</i> , 2006 , 73,	3.3	70
257	X-ray absorption and x-ray magnetic dichroism study on $\text{Ca}_3\text{CoRhO}_6$ and $\text{Ca}_3\text{FeRhO}_6$. <i>Physical Review B</i> , 2008 , 77,	3.3	69
256	X-ray absorption spectra at the Ru and Mn L2,3 edges and long-range ferromagnetism in $\text{SrRu}_{1-x}\text{Mn}_x\text{O}_3$ solid solutions (0. <i>Physical Review B</i> , 2002 , 66,	3.3	67
255	Searching General Sufficient-and-Necessary Conditions for Ultrafast Hydrogen-Evolving Electrocatalysis. <i>Advanced Functional Materials</i> , 2019 , 29, 1900704	15.6	65
254	Crystal-field and Kondo-scale investigations of CeMIn_5 ($M=\text{Co}, \text{Ir}, \text{and Rh}$): A combined x-ray absorption and inelastic neutron scattering study. <i>Physical Review B</i> , 2010 , 81,	3.3	65
253	Valence states and metamagnetic phase transition in partially B-site-disordered perovskite $\text{EuMn}_{0.5}\text{Co}_{0.5}\text{O}_3$. <i>Physical Review B</i> , 2008 , 77,	3.3	62
252	Voltage- and time-dependent valence state transition in cobalt oxide catalysts during the oxygen evolution reaction. <i>Nature Communications</i> , 2020 , 11, 1984	17.4	60

251	Ultrahigh-performance tungsten-doped perovskites for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9854-9859	13	60
250	On the electronic structure of Cu(III) and Ni(III) in La ₂ Li _{1/2} Cu _{1/2} O ₄ , Nd ₂ Li _{1/2} Ni _{1/2} O ₄ , and Cs ₂ KCuF ₆ . <i>Chemical Physics</i> , 1998 , 232, 63-74	2.3	57
249	Crystal-field ground state of the orthorhombic Kondo insulator CeRu ₂ Al ₁₀ . <i>Physical Review B</i> , 2012 , 86,	3.3	55
248	Determination of the orbital moment and crystal-field splitting in LaTiO ₃ . <i>Physical Review Letters</i> , 2005 , 94, 056401	7.4	55
247	Oxygen-Deficient Perovskite Sr _{0.7} Y _{0.3} CoO _{2.65} as a Cathode for Intermediate-Temperature Solid Oxide Fuel Cells. <i>Chemistry of Materials</i> , 2011 , 23, 5037-5044	9.6	54
246	Spectroscopy of stripe order in La _{1.8} Sr _{0.2} NiO ₄ using resonant soft x-ray diffraction. <i>Physical Review Letters</i> , 2005 , 95, 156402	7.4	54
245	X-ray absorption near-edge structure at the L _{III} thresholds of Pr, Nd, Sm, and Dy compounds with unusual valences. <i>Journal of Alloys and Compounds</i> , 1997 , 246, 186-192	5.7	51
244	Utilizing ion leaching effects for achieving high oxygen-evolving performance on hybrid nanocomposite with self-optimized behaviors. <i>Nature Communications</i> , 2020 , 11, 3376	17.4	50
243	X-ray-absorption study of PrO ₂ at high pressure. <i>Physical Review B</i> , 1994 , 49, 39-43	3.3	50
242	Single-phase perovskite oxide with super-exchange induced atomic-scale synergistic active centers enables ultrafast hydrogen evolution. <i>Nature Communications</i> , 2020 , 11, 5657	17.4	49
241	Selective Surface Reconstruction of a Defective Iridium-Based Catalyst for High-Efficiency Water Splitting. <i>Advanced Functional Materials</i> , 2020 , 30, 2004375	15.6	49
240	Magnetic circular dichroism in 4d-4f resonant photoemission and photoabsorption of Gd metal. <i>Physical Review B</i> , 1997 , 55, 2672-2675	3.3	48
239	Orbitally driven spin-singlet dimerization in S=1 La ₄ Ru ₂ O ₁₀ . <i>Physical Review Letters</i> , 2006 , 96, 256402	7.4	47
238	Determining the crystal-field ground state in rare earth heavy fermion materials using soft-x-ray absorption spectroscopy. <i>Physical Review Letters</i> , 2008 , 100, 066405	7.4	45
237	Local symmetry and magnetic anisotropy in multiferroic MnWO ₄ and antiferromagnetic CoWO ₄ studied by soft x-ray absorption spectroscopy. <i>Physical Review B</i> , 2010 , 82,	3.3	44
236	High-Performance Perovskite Composite Electrocatalysts Enabled by Controllable Interface Engineering. <i>Small</i> , 2021 , 17, e2101573	11	44
235	Correlation between ground state and orbital anisotropy in heavy fermion materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2384-8	11.5	43
234	Hole distribution between the Ni 3d and O 2p orbitals in Nd ₂ Sr _x NiO ₄ . <i>Physical Review B</i> , 2000 , 61, 3739-3744	3.3	43

233	Local orbital occupation and energy levels of Co in Na_xCoO_2 : A soft x-ray absorption study. <i>Physical Review B</i> , 2010 , 81,	3.3	42
232	From antiferromagnetic insulator to correlated metal in pressurized and doped LaMnPO . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1815-9	11.5	42
231	Li ⁺ Cation Mixing Enhanced Structural and Performance Stability of Li-Rich Layered Oxide. <i>Advanced Energy Materials</i> , 2019 , 9, 1901530	21.8	41
230	Strong magnetic enhancement in self-assembled multiferroic-ferrimagnetic nanostructures. <i>Nanoscale</i> , 2013 , 5, 4449-53	7.7	41
229	Spin-state order/disorder and metal/insulator transition in $\text{GdBaCo}_2\text{O}_{5.5}$: experimental determination of the underlying electronic structure. <i>New Journal of Physics</i> , 2012 , 14, 123025	2.9	41
228	Valence electron distribution in $\text{La}_2\text{Li}_{1/2}\text{Cu}_{1/2}\text{O}_4$, $\text{Nd}_2\text{Li}_{1/2}\text{Ni}_{1/2}\text{O}_4$, and $\text{La}_2\text{Li}_{1/2}\text{Co}_{1/2}\text{O}_4$. <i>Chemical Physics Letters</i> , 1998 , 297, 321-328	2.5	41
227	In-situ visualization of the space-charge-layer effect on interfacial lithium-ion transport in all-solid-state batteries. <i>Nature Communications</i> , 2020 , 11, 5889	17.4	41
226	Magnetically Frustrated Double Perovskites: Synthesis, Structural Properties, and Magnetic Order of Sr_2BO_6 (B = Y, In, Sc). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 197-205	1.3	40
225	Epitaxy, stoichiometry, and magnetic properties of Gd-doped EuO films on YSZ (001). <i>Physical Review B</i> , 2009 , 80,	3.3	40
224	Boosting the oxygen evolution reaction activity of a perovskite through introducing multi-element synergy and building an ordered structure. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9924-9932	13	39
223	Charge Transfer Induced Multifunctional Transitions with Sensitive Pressure Manipulation in a Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2015 , 54, 6433-8	5.1	39
222	A-Site and B-Site Charge Orderings in an s-d Level Controlled Perovskite Oxide PbCoO . <i>Journal of the American Chemical Society</i> , 2017 , 139, 4574-4581	16.4	38
221	Solidification performance of a latent heat storage unit with innovative longitudinal triangular fins. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 138, 667-676	4.9	38
220	Monoclinic SrIrO_3 : An Easily Synthesized Conductive Perovskite Oxide with Outstanding Performance for Overall Water Splitting in Alkaline Solution. <i>Chemistry of Materials</i> , 2020 , 32, 4509-4517	9.6	38
219	Insight into the Role of Metal-Oxygen Bond and O 2p Hole in High-Voltage Cathode $\text{LiNi}_x\text{Mn}_{2-x}\text{O}_4$. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 16079-16087	3.8	37
218	Spectroscopic determination of crystal-field levels in CeRh_2Si_2 and CeRu_2Si_2 and of the 4f ⁰ contributions in CeM_2Si_2 (M=Cu, Ru, Rh, Pd, and Au). <i>Physical Review B</i> , 2012 , 85,	3.3	37
217	Proof for trivalent Sc ions in $\text{Sc}_2\text{@C}_{84}$ from high-energy spectroscopy. <i>Physical Review B</i> , 2000 , 62, 13196-13204	9.3	37
216	Mg-Pillared LiCoO : Towards Stable Cycling at 4.6 V. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4682-4688	16.4	37

- 215 Three Oxidation States of Manganese in the Barium Hexaferrite BaFeMnO. *Inorganic Chemistry*, **2017**, 56, 3861-3866 5.1 36
- 214 Angle-resolved photoemission spectroscopy of Sr₂CuO₂Cl₂. *Physical Review B*, **2000**, 63, 3.3 36
- 213 Ba₂NiOsO₆: A Dirac-Mott insulator with ferromagnetism near 100 K. *Physical Review B*, **2016**, 94, 3.3 36
- 212 Determination of the Oxidation States of Cu and Ru in the System La_{2-x}Sr_xCu_{1-y}Ru_yO₄ by XANES-Measurements. *Journal of Solid State Chemistry*, **2001**, 156, 194-202 3.3 34
- 211 Difference in spin state and covalence between La_{1-x}CoO₃ and La_{2-x}Li_{0.5}Co_{0.5}O₄. *Journal of Alloys and Compounds*, **2002**, 343, 5-13 5.7 34
- 210 Self-Assembled Ruddlesden-Popper/Perovskite Hybrid with Lattice-Oxygen Activation as a Superior Oxygen Evolution Electrocatalyst. *Small*, **2020**, 16, e2001204 11 34
- 209 Strong enhancement of spin ordering by A-site magnetic ions in the ferrimagnet CaCu₃Fe₂O₈. *Physical Review B*, **2016**, 94, 3.3 33
- 208 Coupled valence and spin state transition in (Pr_{0.7}Sm_{0.3})_{0.7}Ca_{0.3}CoO₃. *Physical Review B*, **2013**, 87, 3.3 33
- 207 Core-level spectroscopy of the tetravalent lanthanide compounds M₃LnF₇ (with M=Cs, Rb; Ln=Ce, Pr, Nd, Tb, Dy). *Journal of Alloys and Compounds*, **1997**, 246, 177-185 5.7 33
- 206 Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in BiMnCrO₃. *Advanced Materials*, **2017**, 29, 1703435 24 32
- 205 High-performance metal-organic framework-perovskite hybrid as an important component of the air-electrode for rechargeable Zn-Air battery. *Journal of Power Sources*, **2020**, 468, 228377 8.9 32
- 204 Surface-Regulated Rhodium-Antimony Nanorods for Nitrogen Fixation. *Angewandte Chemie - International Edition*, **2020**, 59, 8066-8071 16.4 32
- 203 Crystal field ground state of the orthorhombic Kondo semiconductors CeOs₂Al₁₀ and CeFe₂Al₁₀. *Physical Review B*, **2013**, 87, 3.3 31
- 202 Spectroscopic evidence for exceptionally high orbital moment induced by local distortions in BiCoV₂O₆. *Physical Review B*, **2014**, 89, 3.3 30
- 201 Crystal-field level inversion in lightly Mn-doped Sr₃Ru₂O₇. *Physical Review Letters*, **2008**, 101, 016404 7.4 30
- 200 Polymorphism of heptalithium nitridovanadate(V) Li₇[VN₄]. *Inorganic Chemistry*, **2003**, 42, 2538-44 5.1 29
- 199 Ln-4f/ligand-2p covalence in BaLnO₃ and Cs₃LnF₇ (Ln=Ce, Pr, Tb). *Chemical Physics Letters*, **2000**, 325, 241-250 2.5 29
- 198 Multi-active sites derived from a single/double perovskite hybrid for highly efficient water oxidation. *Electrochimica Acta*, **2019**, 299, 926-932 6.7 29

197	Vitalization of $\text{P2Na}_2/3\text{Ni}_1/3\text{Mn}_2/3\text{O}_2$ at high-voltage cyclability via combined structural modulation for sodium-ion batteries. <i>Energy Storage Materials</i> , 2020 , 29, 182-189	19.4	28
196	Insulating state and the importance of the spin-orbit coupling in $\text{Ca}_3\text{CoRhO}_6$. <i>Physical Review B</i> , 2007 , 75,	3.3	28
195	Four-band extended Hubbard Hamiltonian for the one-dimensional cuprate Sr_2CuO_3 : Distribution of oxygen holes and its relation to strong intersite Coulomb interaction. <i>Physical Review B</i> , 2000 , 62, 10752-10765	3.3	28
194	Unoccupied electronic structure of Li_2CuO_2 . <i>Physical Review B</i> , 1999 , 60, 13413-13417	3.3	28
193	High-Index Faceted RuCo Nanoscrews for Water Electrosplitting. <i>Advanced Energy Materials</i> , 2020 , 10, 2002860	21.8	27
192	Die Chloride $\text{Na}_3\text{xM}_2\text{Cl}_6$ (M = La, Sm) und NaM_2Cl_6 (M = Nd, Sm): Derivate des UCl_3 -Typs. Synthese, Kristallstruktur und Röntgenabsorptionsspektroskopie (XANES). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 444-450	1.3	27
191	Local electronic structure of Fe^{2+} impurities in MgO thin films: Temperature-dependent soft x-ray absorption spectroscopy study. <i>Physical Review B</i> , 2010 , 82,	3.3	26
190	Orbital order in $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$: Beyond a common local Jahn-Teller picture. <i>Physical Review B</i> , 2011 , 84,	3.3	26
189	Preparation, Crystallographic, Spectroscopic and Magnetic Characterization of Low-Valency Nitridometalates $\text{Li}_2[(\text{Li}_{1-\text{x}}\text{M}_\text{x})\text{N}]$ with M = Cu, Ni. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 1778-1786	1.3	26
188	Site-Specified Two-Dimensional Heterojunction of Pt Nanoparticles/Metal-Organic Frameworks for Enhanced Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16512-16518	16.4	26
187	Single-Atom In-Doped Subnanometer Pt Nanowires for Simultaneous Hydrogen Generation and Biomass Upgrading. <i>Advanced Functional Materials</i> , 2020 , 30, 2004310	15.6	26
186	Crystal-field ground state of the noncentrosymmetric superconductor CePt_3Si : A combined polarized soft x-ray absorption and polarized neutron study. <i>Physical Review B</i> , 2009 , 80,	3.3	25
185	Determination of the Co valence in bilayer hydrated superconducting $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$ by soft x-ray absorption spectroscopy. <i>Physical Review Letters</i> , 2011 , 107, 066404	7.4	25
184	d holes in tetravalent oxides of Ce and Pr and the Fehrenbacher-Rice hybrid in $\text{PrBa}_2\text{Cu}_3\text{O}_{7-\delta}$ <i>Physical Review B</i> , 1999 , 60, 1460-1463	3.3	25
183	Magnetic circular dichroism in Tb 3d-4f resonant photoemission. <i>Physical Review B</i> , 1999 , 59, 8835-8843	3.3	25
182	Fast operando spectroscopy tracking in situ generation of rich defects in silver nanocrystals for highly selective electrochemical CO reduction. <i>Nature Communications</i> , 2021 , 12, 660	17.4	25
181	Boosting oxygen evolution reaction by activation of lattice-oxygen sites in layered Ruddlesden-Popper oxide. <i>EcoMat</i> , 2020 , 2, e12021	9.4	24
180	Molten-salt synthesis of porous $\text{La}_{0.6}\text{Sr}_{0.4}\text{Co}_{0.2}\text{Fe}_{0.8}\text{O}_{2.9}$ perovskite as an efficient electrocatalyst for oxygen evolution. <i>Nano Research</i> , 2018 , 11, 4796-4805	10	24

- 179 Direct observation of rotatable uncompensated spins in the exchange bias system Co/CoO-MgO. *Nanoscale*, **2013**, 5, 10236-41 7.7 24
- 178 Magnetic properties and crystal structure of Sr₃CoIrO₆ and Sr₃NiIrO₆. *Physical Review B*, **2012**, 86, 3.3 24
- 177 The Ordered K₂NiF₄-type Structure of Mixed Crystals La_{2-x}Sr_xLi_{1/2}Co_{1/2}O₄ (x. *Journal of Solid State Chemistry*, **1999**, 146, 79-87 3.3 24
- 176 An Efficient Interfacial Synthesis of Two-Dimensional Metal-Organic Framework Nanosheets for Electrochemical Hydrogen Peroxide Production. *Angewandte Chemie - International Edition*, **2021**, 60, 11190-11195 16.4 24
- 175 High-Temperature Ferrimagnetic Half Metallicity with Wide Spin-up Energy Gap in NaCuFeOsO. *Inorganic Chemistry*, **2019**, 58, 320-326 5.1 24
- 174 Eliminating Transition Metal Migration and Anionic Redox to Understand Voltage Hysteresis of Lithium-Rich Layered Oxides. *Advanced Energy Materials*, **2020**, 10, 1903634 21.8 22
- 173 Epitaxial europium oxide on Ni(100) with single-crystal quality. *Physical Review B*, **2011**, 83, 3.3 22
- 172 Pressure-induced Oxidation State Change of Ytterbium in YbGa₂. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2001**, 627, 2249 1.3 22
- 171 Superiority of native vacancies in activating anionic redox in P2-type Na_{2/3}[Mn_{7/9}Mg_{1/9}1/9]O₂. *Nano Energy*, **2020**, 78, 105172 17.1 22
- 170 Electronic and spin states of SrRuO₃ thin films: An x-ray magnetic circular dichroism study. *Physical Review B*, **2015**, 91, 3.3 21
- 169 Sequential Spin State Transition and Intermetallic Charge Transfer in PbCoO. *Journal of the American Chemical Society*, **2020**, 142, 5731-5741 16.4 20
- 168 Correlation effects in CaCu₃Ru₄O₁₂. *Physical Review B*, **2013**, 87, 3.3 20
- 167 Orbital occupation and magnetism of tetrahedrally coordinated iron in CaBaFe₄O₇. *Physical Review B*, **2011**, 83, 3.3 20
- 166 Boosting the oxygen evolution catalytic performance of perovskites via optimizing calcination temperature. *Journal of Materials Chemistry A*, **2020**, 8, 6480-6486 13 19
- 165 Bulk and Surface Properties Regulation of Single/Double Perovskites to Realize Enhanced Oxygen Evolution Reactivity. *ChemSusChem*, **2020**, 13, 3045-3052 8.3 19
- 164 Mn₃TeO₆ is a new multiferroic material with two magnetic substructures. *Physica Status Solidi - Rapid Research Letters*, **2015**, 9, 730-734 2.5 19
- 163 Antiferromagnetic spin reorientation transition in epitaxial NiO/CoO/MgO(001) systems. *Physical Review B*, **2014**, 90, 3.3 19
- 162 Tailored Brownmillerite Oxide Catalyst with Multiple Electronic Functionalities Enables Ultrafast Water Oxidation. *Chemistry of Materials*, **2021**, 33, 5233-5241 9.6 19

161	High-performance diluted nickel nanoclusters decorating ruthenium nanowires for pH-universal overall water splitting. <i>Energy and Environmental Science</i> , 2021 , 14, 3194-3202	35.4	19
160	LaMn ₃ Ni ₂ Mn ₂ O ₁₂ : An A- and B-Site Ordered Quadruple Perovskite with A-Site Tuning Orthogonal Spin Ordering. <i>Chemistry of Materials</i> , 2016 , 28, 8988-8996	9.6	18
159	Deciphering the Interface of a High-Voltage (5 V-Class) Li-Ion Battery Containing Additive-Assisted Sulfolane-Based Electrolyte. <i>Small Methods</i> , 2019 , 3, 1900546	12.8	18
158	Relation between the Co-O bond lengths and the spin state of Co in layered Cobaltates: a high-pressure study. <i>Scientific Reports</i> , 2017 , 7, 3656	4.9	18
157	Unusual electronic structure of the pseudoladder compound CaCu ₂ O ₃ . <i>Physical Review B</i> , 2003 , 67,	3.3	18
156	Magnetically ordered surface oxide on Gd(0001). <i>Physical Review B</i> , 1999 , 60, 3449-3452	3.3	18
155	Ternary Phase Diagram-Facilitated Rapid Screening of Double Perovskites As Electrocatalysts for the Oxygen Evolution Reaction. <i>Chemistry of Materials</i> , 2019 , 31, 5919-5926	9.6	17
154	Strong orbital polarization in orthorhombic DyMnO ₃ : A combined x-ray linear dichroism and ab initio electronic structure study. <i>Physical Review B</i> , 2010 , 81,	3.3	17
153	Synthesis, structure, and X-ray absorption spectra of Li _x NbO ₂ and Na _x NbO ₂ (x ≤ 1). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 1369-1373	1.3	17
152	Compensating Electronic Effect Enables Fast Site-to-Site Electron Transfer over Ultrathin RuMn Nanosheet Branches toward Highly Electroactive and Stable Water Splitting. <i>Advanced Materials</i> , 2021 , e2105308	24	17
151	Ba ₃ v ₂ s ₄ o ₃ : a mott insulating frustrated quasi-one-dimensional s=1 magnet. <i>Chemistry - A European Journal</i> , 2015 , 21, 7938-43	4.8	16
150	On the existence of monoxides on close-packed surfaces of lanthanide metals. <i>Chemical Physics Letters</i> , 1998 , 292, 507-514	2.5	16
149	Magnetic circular dichroism in 5p photoemission from Gd and Tb metal. <i>Physical Review B</i> , 1997 , 56, 3244-3250	3.3	15
148	Doped holes in edge-shared CuO 2 chains and the dynamic spectral weight transfer in X-ray absorption spectroscopy. <i>Europhysics Letters</i> , 2002 , 59, 135-141	1.6	15
147	Uncovering the role of Ag in layer-alternating Ni ₃ S ₂ /Ag/Ni ₃ S ₂ as an electrocatalyst with enhanced OER performance. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3627-3635	6.8	15
146	New Undisputed Evidence and Strategy for Enhanced Lattice-Oxygen Participation of Perovskite Electrocatalyst through Cation Deficiency Manipulation.. <i>Advanced Science</i> , 2022 , e2200530	13.6	15
145	Mott versus Slater-type metal-insulator transition in Mn-substituted Sr ₃ Ru ₂ O ₇ . <i>Physical Review B</i> , 2012 , 86,	3.3	14
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