

Juerg Schefer

List of Publications by Year in Descending Order

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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.

30
papers

400
citations

12
h-index

19
g-index

32
ext. papers

450
ext. citations

2.8
avg, IF

2.55
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 30 | Interdependent scaling of long-range oxygen and magnetic ordering in nonstoichiometric Nd ₂ NiO ₄₋₁₀ . <i>Physical Review Materials</i> , 2021 , 5, | 3.2 | 1 |
| 29 | Mixed system Cs ₃ Cu ₃ Cl _{8-x} Br _x OH with weakly connected Cu-triangles. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 140, 109386 | 3.9 | |
| 28 | Dzyaloshinskii-Moriya interaction and the magnetic ground state in magnetoelectric LiCoPO ₄ . <i>Physical Review B</i> , 2019 , 99, | 3.3 | 7 |
| 27 | Structural disorder and magnetic correlations driven by oxygen doping in Nd ₂ NiO _{4+δ} (δ=0.11). <i>Physical Review Materials</i> , 2019 , 3, | 3.2 | 4 |
| 26 | Interplay between structure and magnetism in the low-dimensional spin system: K(C ₈ H ₁₆ O ₄) ₂ CuCl ₃ ·H ₂ O. <i>CrystEngComm</i> , 2017 , 19, 1028-1034 | 3.3 | 2 |
| 25 | European Crystallographic Meeting in Basel, Switzerland. <i>Neutron News</i> , 2017 , 28, 4-5 | 0.4 | |
| 24 | HEIMDAL: A thermal neutron powder diffractometer with high and flexible resolution combined with SANS and neutron imaging [Designed for materials science studies at the European Spallation Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 828, 229-241 | 1.2 | 8 |
| 23 | Evidence for monoclinic distortion in the ground state phase of underdoped La _{1.95} Sr _{0.05} CuO ₄ : A single crystal neutron diffraction study. <i>Journal of Applied Physics</i> , 2016 , 119, 123902 | 2.5 | 1 |
| 22 | Crystal Growth with Oxygen Partial Pressure of the BaCuSi ₂ O ₆ and Ba _{1-x} Sr _x CuSi ₂ O ₆ Spin Dimer Compounds. <i>Crystal Growth and Design</i> , 2016 , 16, 3416-3424 | 3.5 | 3 |
| 21 | Single-crystal and powder neutron diffraction study of the Fe-Mn ₁₈ solid solutions. <i>Journal of Alloys and Compounds</i> , 2015 , 632, 563-567 | 5.7 | 2 |
| 20 | Competing Magnetic Anisotropy Fields and Double Polarization Flops in Multiferroic Mn _{1-x} Co _x WO ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 124716 | 1.5 | 6 |
| 19 | Structural modulation and phase transitions in La ₂ CoO _(4.14) investigated by synchrotron X-ray and neutron single-crystal diffraction. <i>Inorganic Chemistry</i> , 2012 , 51, 9789-98 | 5.1 | 17 |
| 18 | Growth and characterization of large high quality brownmillerite CaFeO _{2.5} single crystals. <i>CrystEngComm</i> , 2012 , 14, 5771 | 3.3 | 18 |
| 17 | Helical magnetic order and field-induced multiferroicity of the Co ₂ Y-type hexaferrite Ba _{0.3} Sr _{1.7} Co ₂ Fe ₁₂ O ₂₂ . <i>Physical Review B</i> , 2012 , 86, | 3.3 | 41 |
| 16 | On the role of lattice dynamics on low-temperature oxygen mobility in solid oxides: a neutron diffraction and first-principles investigation of ($\text{La}_{1-x}\text{Ca}_x\text{Cu}_{1-x}\text{O}_{4+\delta}$). <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 357-366 | 2.6 | 26 |
| 15 | Characterization of sodium chloride crystals grown in microgravity. <i>Journal of Crystal Growth</i> , 2011 , 324, 207-211 | 1.6 | 25 |
| 14 | Magnetic structure and spin dynamics of the quasi-one-dimensional spin-chain antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2011 , 83, | 3.3 | 22 |

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|----|---|-----|----|
| 13 | Hydrogen bonding in coquimbite, nominally $\text{Fe}_2(\text{SO}_4)_3 \cdot 9\text{H}_2\text{O}$, and the relationship between coquimbite and paracoquimbite. <i>Mineralogy and Petrology</i> , 2010 , 100, 241-248 | 1.6 | 7 |
| 12 | Identification of single photoswitchable molecules in nanopores of silica xerogels using powder diffraction. <i>Journal of Applied Crystallography</i> , 2010 , 43, 1040-1045 | 3.8 | 6 |
| 11 | Field-induced magnetic phases and electric polarization in LiNiPO_4 . <i>Physical Review B</i> , 2009 , 79, | 3.3 | 46 |
| 10 | Magnetoelastic coupling in the triangular lattice antiferromagnet CuCrS_2 . <i>Physical Review B</i> , 2009 , 80, | 3.3 | 29 |
| 9 | Neutron photocrystallography: simulation and experiment. <i>Zeitschrift Für Kristallographie</i> , 2008 , 223, | | 7 |
| 8 | Reducing the positional modulation of NbO_6 -octahedra in $\text{Sr}_x\text{Ba}_{1-x}\text{Nb}_2\text{O}_6$ by increasing the barium content: A single crystal neutron diffraction study at ambient temperature for $x = 0.61$ and $x = 0.34$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2008 , 223, 399-426 | 1 | 18 |
| 7 | Position Sensitive Large Area Detectors: Key Hardware for Improving Neutron Instrumentation. <i>Neutron News</i> , 2005 , 16, 2-3 | 0.4 | |
| 6 | Optical absorption spectroscopy in the metastable state SI of $\text{Na}_2[\text{Fe}(\text{CN})_5\text{NO}] \cdot 2\text{H}_2\text{O}$. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 674, V2.5.1 | | |
| 5 | Sodium aluminogermanate hydroxosodalite hydrate $\text{Na}_{6+x}[\text{Al}_6\text{Ge}_6\text{O}_{24}](\text{OH})_x \cdot n\text{H}_2\text{O}$ ($x \approx 1.6$, $n \approx 3.0$): Synthesis, phase transitions and dynamical disorder of the hydrogen dihydroxide anion, H_3O_2^- in the Cubic high-temperature form. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 1321-1329 | 1.3 | 12 |
| 4 | Orientalional disorder of the hydrogen dihydroxide anion, (O_2H_3^-) in sodium hydroxosodalite dihydrate ($\text{Na}_8[\text{Al}_6\text{Si}_6\text{O}_{24}](\text{OH})_2 \cdot 2\text{H}_2\text{O}$): single-crystal x-ray and powder neutron diffraction and MAS NMR and FT IR spectroscopy. <i>The Journal of Physical Chemistry</i> , 1992 , 96, 392-397 | | 36 |
| 3 | Small-angle neutron scattering from the reconstituted TF1 of H(+)-ATPase from thermophilic bacterium PS3 with deuterated subunits. <i>Journal of Molecular Biology</i> , 1990 , 213, 289-302 | 6.5 | 12 |
| 2 | Small-angle neutron scattering studies on Brij-58 micelles. <i>The Journal of Physical Chemistry</i> , 1988 , 92, 729-732 | | 36 |
| 1 | A neutron diffraction study of the β phase $\text{Ti}_9\text{Fe}_3(\text{Ti}_{0.7}\text{Fe}_{0.3})\text{O}_3$. <i>Journal of the Less Common Metals</i> , 1985 , 113, 103-111 | | 8 |