Mario Bieringer

List of Publications by Year
in descending order

24 papers	398 citations	933447 10 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	597 citing authors

#	Article	IF	Citations
1	Zero Thermal Expansion in ZrMgMo₃O₁₂: NMR Crystallography Reveals Origins of Thermoelastic Properties. Chemistry of Materials, 2015, 27, 2633-2646.	6.7	90
2	In situ high-temperature X-ray and neutron diffraction of Cuâ€“Mn oxide phases. Journal of Materials Science, 2010, 45, 1056-1064.	3.7	50
3	Nearâ€Zero Thermal Expansion in <scp><scp>In</scp></scp>(<scp><scp>HfMg</scp></scp>)_{0.5}<scp><scp>Mo</scp></scp>₃<sub><scp><scp>O</scp></scp> Journal of the American Ceramic Society, 2013, 96, 561-566.	3.8	43
4	In Situ Powder X-ray Diffraction, Synthesis, and Magnetic Properties of the Defect Zircon Structure ScVO4â”x. Inorganic Chemistry, 2009, 48, 10553-10559.	4.0	31
5	Highly Stable Cooperative Distortion in a Weak Jahnâ€“Teller d² Cation: Perovskite-Type ScVO₃ Obtained by High-Pressure and High-Temperature Transformation from Bixbyite. Journal of the American Chemical Society, 2011, 133, 8552-8563.	13.7	31
6	Structure and magnetism in BaLaMnO4 +/â€“ Î´ (Î´ = 0.00, 0.10) and BaxSr1 â€“ xLaMnO4. Disappearance of magnetic order for x > 0.30.. Journal of Materials Chemistry, 2002, 12, 279-287.	6.7	19
7	In situ X-ray powder diffraction, synthesis, and magnetic properties of InVO3. Journal of Solid State Chemistry, 2006, 179, 3599-3606.	2.9	19
8	Formation, structure and magnetism of the metastable defect fluorite phases AVO3.5+x (A=In, Sc). Journal of Solid State Chemistry, 2007, 180, 3333-3340.	2.9	17
9	Topotactic Solid-State Metal Hydride Reductions of Sr₂MnO₄. Inorganic Chemistry, 2015, 54, 4249-4256.	4.0	14
10	In-Situ Powder X-ray Diffraction Investigation of Reaction Pathways for the BaCO₃â”CeO₂â”In₂O₃ and CeO₂â”In₂O₃ Systems. Inorganic Chemistry, 2010, 49, 1699-1704.	4.0	11
11	Topotactic Oxidation Pathway of ScTiO₃ and High-Temperature Structure Evolution of ScTiO_{3.5} and Sc₄Ti₃O₁₂-Type Phases. Inorganic Chemistry, 2012, 51, 1269-1277.	4.0	11
12	Phase Stability, Structural Evolution and Magnetic Properties of Sc(1-x)LuxVO3 (0.0 â‰¤ x â‰¤ 1.0). Chemistry of Materials, 2007, 19, 3945-3955.	6.7	10
13	Lack of a threefold rotation axis in Î±-Fe₂O₃and Î±-Cr₂O₃crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 203-208.	1.1	9
14	Thermoelectric properties and thermal stability of layered chalcogenides, TlScQ2, Q = Se, Te. Dalton Transactions, 2017, 46, 17053-17060.	3.3	9
15	The structure of trimethyltin fluoride. Dalton Transactions, 2015, 44, 19651-19658.	3.3	8
16	Order/Disorder and in Situ Oxide Defect Control in the Bixbyite Phase YPrO_{3+Î´} (0 â‰¤ Î´) Tj ETQq0 0 0 rgBT /Overloc	4.0	6
17	Structural Competition and Reactivity of Rare-Earth Oxide Phases in Y_xPr_{2â€“x}O₃ (0.05 â‰¤ x â‰¤ 0.80). Inorganic Chemistry, 2018, 57, 14106-14115.	4.0	6
18	Quenching of Long Range Order and the Mn³⁺ Ordered Moment in the Layered Antiferromagnet, Ba_xSr_{1â€“x}LaMnO₄. A Polarized Neutron Scattering Study. Inorganic Chemistry, 2019, 58, 4300-4309.	4.0	4

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19	Crystal and Magnetic Structures of High Pressure Perovskite-Type Oxyfluorides,PbFeO2F and 0.5PbFeO2F-0.5PbTiO3 [Pb(Fe0.5Ti0.5)O2.5F0.5]. Materials Research Society Symposia Proceedings, 2006, 988, 1.	0.1	3
20	Oxygen trapping and cation site-splitting in Y(2â^'x)PrxO3+Î´ (0.0â‰¤x<2.0 and Î´â‰¤1.0). Journal of Solid State Chemistry, 2016, 242, 126-132.	2.9	3
21	Structure Evolution and Reactivity of the Sc_(2â€“x)V_xO_{3+Î´} (0 â‰¤ x â‰¤ 2.0) System. Inorganic Chemistry, 2018, 57, 5607-5614.	4.0	3
22	LiNbO3â€type Polar Antiferromagnet InVO3 Synthesized underÂHighâ€Pressure Conditions. Angewandte Chemie - International Edition, 2022, , .	13.8	1
23	Understanding the Interplay of Vacancy, Cation, and Charge Ordering in the Tunable Sc2VO5+Î´ Defect Fluorite System. Inorganic Chemistry, 2021, 60, 872-882.	4.0	0
24	LiNbO3â€type Polar Antiferromagnet InVO3 Synthesized underÂHighâ€Pressure Conditions. Angewandte Chemie, 0, , .	2.0	0