Takamitsu Yamanaka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8365271/publications.pdf

Version: 2024-02-01

21	564	840776 11	794594 19
papers	citations	h-index	g-index

21	21	21	815
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancement of electrical conductivity to metallization of Mn3-Fe O4 spinel and postspinel with elevating pressure. Journal of Physics and Chemistry of Solids, 2022, 167, 110721.	4.0	2
2	Pressure dependence of electron density distribution and d-p- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ï€</mml:mi></mml:math> hybridization in titanate perovskite ferroelectrics. Physical Review B, 2018, 97, .	3.2	8
3	New high-pressure tetragonal polymorphs of SrTiO₃â€"molecular orbital and Raman band change under pressure. Journal of Physics Condensed Matter, 2018, 30, 265401.	1.8	2
4	Electron hybridization and anharmonic thermal vibration effect on structure transition of SrTiO3 at high-pressure and low-temperature. Solid State Communications, 2017, 249, 54-59.	1.9	6
5	High-pressure phase transitions of Fe3-xTixO4 solid solution up to 60 GPa correlated with electronic spin transition. American Mineralogist, 2013, 98, 736-744.	1.9	25
6	Comparative Raman spectroscopic study on ilmenite-type MgSiO3 (akimotoite), MgGeO3, and MgTiO3 (geikielite) at high temperatures and high pressures. American Mineralogist, 2008, 93, 39-47.	1.9	47
7	Electron density distribution of FeTiO3 ilmenite under high pressure analyzed by MEM using single crystal diffraction intensities. Physics and Chemistry of Minerals, 2007, 34, 307-318.	0.8	42
8	Pressure Dependence of Electron Density Distribution of Ferroielectric KNbO3 Polymorphs by Maximum Entropy Method (MEM) Using Single Crystal Diffraction Study. Materials Research Society Symposia Proceedings, 2006, 987, 1.	0.1	0
9	Structural changes induced by latticeâ€"electron interactions: SiO2stishovite and FeTiO3ilmenite. Journal of Synchrotron Radiation, 2005, 12, 566-576.	2.4	18
10	High-pressure and high-temperature generation using diamond/sic composite anvils prepared with hot isostatic pressing. High Pressure Research, 2005, 25, 11-15.	1.2	8
11	Variation of hydrogen bonded Oâ€¦O distances in goethite at high pressure. American Mineralogist, 2003, 88, 1423-1427.	1.9	41
12	Structure change of Ca_{1â^'x}Sr_xTiO₃perovskite with composition and pressure. American Mineralogist, 2002, 87, 1183-1189.	1.9	112
13	First principles calculation of a high-pressure hydrous phase, Î˜-AlOOH. Geophysical Research Letters, 2002, 29, 15-1-15-4.	4.0	93
14	Site Preference of Cations and Structural Variation in MgAl2-xGaxO4 (0â€Šâ‰â€Šxâ€Šâ‰â€Š2) Spinel Solid Solution. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 42-49.	1.2	28
15	Thermal expansion of alumnus perovskite ScAlO₃. Journal of Mineralogical and Petrological Sciences, 2000, 95, 182-192.	0.9	4
16	Symmetry change of majorite solid solution in the system Mg₃Al₂Si₃O₁₂-MgSiO₃. American Mineralogist, 1999, 84, 1135-1143.	1.9	45
17	Structure refinement of a birefringent Cr-bearing majorite Mg3(Mg (sub 0.34) Si (sub 0.34) Al (sub 0.18)) Tj ETQq1 1 0.784314 rgBT	1.9	18
18	Structural modifications of CaGeO 3 -wollastonite under room temperature pressurization. Physics and Chemistry of Minerals, 1997, 25, 1-7.	0.8	9

#	Article	IF	Citations
19	Frontiers in Crystallography with Synchrotron Radiation. Towards the Next Generation. Future View of X-Ray Crystallography Using SPring-8.. Nihon Kessho Gakkaishi, 1997, 39, 138-142.	0.0	0
20	Structural Analysis of Orthorhombic Hafnia by Neutron Powder Diffraction. Journal of the American Ceramic Society, 1995, 78, 233-237.	3.8	52
21	Pressure-induced amorphization of Mg2GEO4-olivine.. Journal of the Mineralogical Society of Japan, 1994, 17, 151-157.	1.0	4