

Andy Buckley

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic dissipation associated with phase transitions in lawsonite, CaAl ₂ Si ₂ O ₇ (OH) ₂ ·H ₂ O. American Mineralogist, 2007, 92, 1665-1672.	1.9	112
2	Application of real-time, stroboscopic x-ray diffraction with dynamical mechanical analysis to characterize the motion of ferroelastic domain walls. Journal of Applied Physics, 2004, 95, 1706-1717.	2.5	100
3	Grain size dependence of elastic anomalies accompanying the $\hat{1}\hat{2}\hat{2}$ phase transition in polycrystalline quartz. Journal of Physics Condensed Matter, 2008, 20, 075229.	1.8	98
4	Needle twins and right-angled twins in minerals; comparison between experiment and theory. American Mineralogist, 1998, 83, 811-822.	1.9	60
5	Elastic relaxations associated with the P _{3m} → R _{3c} transition in LaAlO ₃ : III. Superattenuation of acoustic resonances. Journal of Physics Condensed Matter, 2010, 22, 035405.	1.8	43
6	Elastic and anelastic anomalies in (Ca,Sr)TiO ₃ perovskites: Analogue behaviour for silicate perovskites. Physics of the Earth and Planetary Interiors, 2008, 167, 110-117.	1.9	39
7	Twin structures in tetragonal SrTiO ₃ : The ferroelastic phase transition and the formation of needle domains. Journal of Applied Physics, 1999, 86, 1653-1656.	2.5	33
8	Elastic relaxations associated with the P _{3m} → R _{3c} transition in LaAlO ₃ : IV. An incipient instability below room temperature. Journal of Physics Condensed Matter, 2010, 22, 035406.	1.8	15
9	Dielectric, calorimetric and elastic anomalies associated with the first order I ₄ /mcm → Pbcm phase transition in (Ca, Sr)TiO ₃ perovskites. Journal of Physics Condensed Matter, 2009, 21, 295903.	1.8	8
10	Virtual WDS. , 1996, , 479-483.		7
11	MESO – a program to convert X-ray diffraction data from angular to reciprocal space. Journal of Applied Crystallography, 1999, 32, 362-364.	4.5	3
12	Spectral Interferences in Light Element Analysis. Mikrochimica Acta, 2000, 132, 153-155.	5.0	3
13	A simultaneous X-ray diffractometer / calorimeter for the study of structural phase transitions in solids. Journal of Instrumentation, 2006, 1, P10006-P10006.	1.2	1
14	Peak to Background Ratio in Microprobe Analysis. , 1969, , 80-83.		1