

Olivier Gourdon

List of Publications by Year in descending order

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21
papers

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687363

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docs citations

26
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic Distributions in the $\hat{\Gamma}^3$ -Brass Structure of the Cu $\hat{\sim}$ Zn System: A Structural and Theoretical Study. <i>Inorganic Chemistry</i> , 2007, 46, 251-260.	4.0	79
2	Study of the antiferromagnetism of Mn ₅ Si ₃ : an inverse magnetocaloric effect material. <i>Journal of Materials Chemistry</i> , 2012, 22, 15275.	6.7	41
3	Intergrowth Compounds in the Zn-Rich Zn $\hat{\sim}$ Pd System: Toward 1D Quasicrystal Approximants. <i>Chemistry of Materials</i> , 2006, 18, 1848-1856.	6.7	35
4	Reinvestigation of the GaMn structure and theoretical studies of its electronic and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2003, 173, 137-147.	2.9	32
5	Crystallographic, Electronic, and Magnetic Studies of $\hat{\Gamma}^2$ -GaM (M = Cr, Mn or Fe): Trends in Itinerant Magnetism. <i>Inorganic Chemistry</i> , 2004, 43, 3210-3218.	4.0	27
6	Structure and Dynamics of Octamethyl-POSS Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5579-5592.	3.1	27
7	A New Superstructure for the BaAl ₄ -Structure Type: An Experimental and Theoretical Study of La ₂ NiAl ₇ . <i>Chemistry of Materials</i> , 2005, 17, 3661-3667.	6.7	26
8	Structure-property relationships along the Fe-substituted CuInS ₂ series: Tuning of thermoelectric and magnetic properties. <i>Materials Chemistry and Physics</i> , 2014, 147, 17-27.	4.0	25
9	Crystallographic, electronic and magnetic studies of Ce ₄ Ni ₆ Al ₂₃ : a new ternary intermetallic compound in the cerium-nickel-aluminum phase diagram. <i>Journal of Solid State Chemistry</i> , 2003, 174, 471-481.	2.9	19
10	Composition-Structure Relationships in Polar Intermetallics: Experimental and Theoretical Studies of LaNi _{1+x} Al _{6-x} (x= 0.44). <i>Inorganic Chemistry</i> , 2004, 43, 4604-4609.	4.0	19
11	Structure Determination of Two Modulated $\hat{\Gamma}^3$ -Brass Structures in the Zn $\hat{\sim}$ Pd System through a (3 +) Tj ETQq1 1 0.784314 rgBT /Overlo	4.0	19
12	BaHg ₂ Tl ₂ . An Unusual Polar Intermetallic Phase with Strong Differentiation between the Neighboring Elements Mercury and Thallium. <i>Journal of the American Chemical Society</i> , 2009, 131, 8677-8682.	13.7	16
13	Toward a better understanding of the magnetocaloric effect: An experimental and theoretical study of MnFe ₄ Si ₃ . <i>Journal of Solid State Chemistry</i> , 2014, 216, 56-64.	2.9	14
14	To What Extent Does the Zintl-Klemm Formalism Work? The Eu(Zn _{1-x} Gex) ₂ Series. <i>Inorganic Chemistry</i> , 2009, 48, 6380-6390.	4.0	13
15	Theoretical studies on cerium nickel aluminides: polar intermetallics with heavy fermion behavior. <i>Journal of Solid State Chemistry</i> , 2003, 176, 538-548.	2.9	11
16	Location and oxidation state of iron in Fe-substituted CuInS ₂ chalcopyrites. <i>Journal of Solid State Chemistry</i> , 2013, 197, 279-287.	2.9	11
17	Rhombohedrally Distorted $\hat{\Gamma}^3$ -Brasses Cr _{1-x} FexGa. <i>Inorganic Chemistry</i> , 2010, 49, 11505-11515.	4.0	10
18	Synthesis and Crystal Structure of the Pseudo-Hollandite Rb _{0.62} Cr ₅ Te ₈ and Analysis of the Electronic Band Structures of the RbxCr ₅ Te ₈ Phases. <i>Journal of Solid State Chemistry</i> , 1997, 131, 326-334.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Er _{1.33} Pt ₃ Ga ₈ : A modulated variant of the Er ₄ Pt ₉ Al ₂₄ -structure type. Journal of Solid State Chemistry, 2016, 242, 161-167.	2.9	2
20	Composition-Structure Relationships in Polar Intermetallics: Experimental and Theoretical Studies of LaNi _{1+x} Al _{6-x} (x = 0.44).. ChemInform, 2004, 35, no.	0.0	0
21	A New Superstructure for the BaAl ₄ -Structure Type: An Experimental and Theoretical Study of La ₂ NiAl ₇ .. ChemInform, 2005, 36, no.	0.0	0