

# Olivier Gourdon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11170735/publications.pdf>

Version: 2024-02-01

21  
papers

432  
citations

687363

13  
h-index

794594

19  
g-index

26  
all docs

26  
docs citations

26  
times ranked

498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Er <sub>1.33</sub> Pt <sub>3</sub> Ga <sub>8</sub> : A modulated variant of the Er <sub>4</sub> Pt <sub>9</sub> Al <sub>24</sub> -structure type. <i>Journal of Solid State Chemistry</i> , 2016, 242, 161-167.	2.9	2
2	Toward a better understanding of the magnetocaloric effect: An experimental and theoretical study of MnFe <sub>4</sub> Si <sub>3</sub> . <i>Journal of Solid State Chemistry</i> , 2014, 216, 56-64.	2.9	14
3	Structure and Dynamics of Octamethyl-POSS Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5579-5592.	3.1	27
4	Structure-property relationships along the Fe-substituted CuInS <sub>2</sub> series: Tuning of thermoelectric and magnetic properties. <i>Materials Chemistry and Physics</i> , 2014, 147, 17-27.	4.0	25
5	Location and oxidation state of iron in Fe-substituted CuInS <sub>2</sub> chalcopyrites. <i>Journal of Solid State Chemistry</i> , 2013, 197, 279-287.	2.9	11
6	Study of the antiferromagnetism of Mn <sub>5</sub> Si <sub>3</sub> : an inverse magnetocaloric effect material. <i>Journal of Materials Chemistry</i> , 2012, 22, 15275.	6.7	41
7	Rhombohedrally Distorted $\hat{\Gamma}^3$ -Brasses Cr <sub>1-x</sub> Fe <sub>x</sub> Ga. <i>Inorganic Chemistry</i> , 2010, 49, 11505-11515.	4.0	10
8	BaHg <sub>2</sub> Tl <sub>2</sub> . 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
9	To What Extent Does the Zintl-Klemm Formalism Work? The Eu(Zn <sub>1-x</sub> Gex) <sub>2</sub> Series. <i>Inorganic Chemistry</i> , 2009, 48, 6380-6390.	4.0	13
10	Structure Determination of Two Modulated $\hat{\Gamma}^3$ -Brass Structures in the Zn-Pd System through a (3 +) Tj ETQq0 0 0 r <sub>g</sub> BT / Overlock 10 Tf	4.0	19
11	Atomic Distributions in the $\hat{\Gamma}^3$ -Brass Structure of the Cu-Zn System: A Structural and Theoretical Study. <i>Inorganic Chemistry</i> , 2007, 46, 251-260.	4.0	79
12	Intergrowth Compounds in the Zn-Rich Zn-Pd System: Toward 1D Quasicrystal Approximants. <i>Chemistry of Materials</i> , 2006, 18, 1848-1856.	6.7	35
13	A New Superstructure for the BaAl <sub>4</sub> -Structure Type: An Experimental and Theoretical Study of La <sub>2</sub> NiAl <sub>7</sub> . <i>ChemInform</i> , 2005, 36, no.	0.0	0
14	A New Superstructure for the BaAl <sub>4</sub> -Structure Type: An Experimental and Theoretical Study of La <sub>2</sub> NiAl <sub>7</sub> . <i>Chemistry of Materials</i> , 2005, 17, 3661-3667.	6.7	26
15	Composition-Structure Relationships in Polar Intermetallics: Experimental and Theoretical Studies of LaNi <sub>1+x</sub> Al <sub>6-x</sub> (x = 0.44). <i>ChemInform</i> , 2004, 35, no.	0.0	0
16	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
17	Composition-Structure Relationships in Polar Intermetallics: Experimental and Theoretical Studies of LaNi <sub>1+x</sub> Al <sub>6-x</sub> (x = 0.44). <i>Inorganic Chemistry</i> , 2004, 43, 4604-4609.	4.0	19
18	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

#	ARTICLE	IF	CITATIONS
19	Crystallographic, electronic and magnetic studies of Ce <sub>4</sub> Ni <sub>6</sub> Al <sub>23</sub> : 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
20	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
21	Synthesis and Crystal Structure of the Pseudo-Hollandite Rb <sub>0.62</sub> Cr <sub>5</sub> Te <sub>8</sub> and Analysis of the Electronic Band Structures of the Rb <sub>x</sub> Cr <sub>5</sub> Te <sub>8</sub> Phases. <i>Journal of Solid State Chemistry</i> , 1997, 131, 326-334.	2.9	6