

Angel Roberto Landa-Cã;novas

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	New Order in (BiS) 1.19 (Bi 1/3 Cr 2 S 4) Misfit Layer Compound.. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 107-112.	1.2	0
2	Nanostructural changes upon substitutional Al doping in ZnO sputtered films. Ceramics International, 2019, 45, 6319-6327.	4.8	10
3	FeSbO4 and other rutile-type mixed oxides revealing nano-structural flexibility. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e327-e327.	0.1	0
4	Characterization of the interface between highly conductive Ga:ZnO films and the silicon substrate. Applied Surface Science, 2017, 419, 595-602.	6.1	5
5	Incommensurate magnetic structure and chemical modulation in SbVO4 catalyst. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C373-C373.	0.1	0
6	Laser heating induced phase changes of VO 2 crystals in air monitored by Raman spectroscopy. Journal of Alloys and Compounds, 2016, 661, 122-125.	5.5	31
7	TEM study of the (SbS)1+(NbS2) , (n=1, 2, 3; $\hat{\gamma}$ ~1.14, 1.20) misfit layer phases. Journal of Solid State Chemistry, 2015, 230, 357-368.	2.9	2
8	Cationic superstructures and incommensurate magnetic structure in SbVO4 catalyst. Journal of Physics: Conference Series, 2014, 549, 012025.	0.4	0
9	Local Modification of the Microstructure and Electrical Properties of Multifunctional Au@YSZ Nanocomposite Thin Films by Laser Interference Patterning. ACS Applied Materials & Interfaces, 2014, 6, 13707-13715.	8.0	5
10	Differences in n-type doping efficiency between Al- and Ga-ZnO films. Journal of Applied Physics, 2013, 113, .	2.5	64
11	Nanostructure of the Interfaces Between ZnO, ZnO:Ga and ZnO:Al Films and Silicon. Microscopy and Microanalysis, 2012, 18, 91-92.	0.4	0
12	SbVO4 Catalyst Structure Determination Using Electron, X-ray and Neutron Diffraction. Microscopy and Microanalysis, 2012, 18, 95-96.	0.4	1
13	Nanostructured BiMnO3+ $\hat{\gamma}$ obtained at ambient pressure: analysis of its multiferroicity. Journal of Materials Chemistry, 2012, 22, 9928.	6.7	25
14	Highly conductive Ga-doped ZnO thin films deposited onto Si wafers: Interface characterization. , 2012, , .		0
15	Transmission Electron Microscopy Study of Low Mo-content Bi-Mo-O Phases. Microscopy and Microanalysis, 2012, 18, 71-72.	0.4	1
16	Nanopowders of ferroic oxides for magnetoelectric composites. Journal of Nanoparticle Research, 2011, 13, 4189-4200.	1.9	11
17	High quality ZnO and Ga:ZnO thin films grown onto crystalline Si (100) by RF magnetron sputtering. Solar Energy Materials and Solar Cells, 2011, 95, 2327-2334.	6.2	50
18	Transmission electron microscopy study of low Mo-content Bi-Mo-O phases. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C757-C757.	0.3	0

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19	Cation order and magnetic structure of SbVO ₄ catalyst. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C428-C428.	0.3	0
20	Structural flexibility in $\frac{1}{4}$ SbVO ₄ . Catalysis Today, 2010, 158, 156-161.	4.4	17
21	Transmission electron microscopy characterization of nanostructured carbon derived from Cr ₃ C ₂ and Cr(C ₅ H ₇ O ₂) ₃ . Carbon, 2010, 48, 1425-1433.	10.3	6
22	Effect of Carbon Incorporation on the Microstructure of BC _x N _(1-x) (x = 0.25, 1). Tj ETQq0 0 0 rgBT /Overlock 10 T 2010, 22, 1949-1951.	6.7	21
23	Structural elucidation of the Bi ₂ Mo _n O ₆ (n = 3, 4, 5 and 6) family of fluorite superstructures by transmission electron microscopy. Acta Crystallographica Section B: Structural Science, 2009, 65, 458-466.	1.8	7
24	Ab initio structure determination and Rietveld refinement of Bi ₁₀ Mo ₃ O ₂₄ the member n=3 of the Bi _{2n+4} Mo _n O _{6(n+1)} series. Journal of Solid State Chemistry, 2009, 182, 1177-1187.	2.9	14
25	Ordered Rock-Salt Related Nanoclusters in CaMnO ₂ . Journal of the American Chemical Society, 2009, 131, 8660-8668.	13.7	21
26	Order, disorder and structural modulations in Bi ₂ Fe ₂ W ₂ O ₁₆ Br Sill ₂ Aurivillius intergrowths. Acta Crystallographica Section B: Structural Science, 2008, 64, 438-447.	1.8	5
27	Direct spectroscopic evidence of self-formed C ₆₀ inclusions in fullerene-like hydrogenated carbon films. Applied Physics Letters, 2008, 92, .	3.3	34
28	Structure of carbon nanospheres prepared by chlorination of cobaltocene: Experiment and modeling. Physical Review B, 2008, 77, .	3.2	6
29	Ab initio structural characterization of Bi ₁₀ Mo ₃ O ₂₄ by TEM, X-ray and neutron powder diffraction. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C215-C215.	0.3	1
30	Spherical carbon nanoparticles produced by direct chlorination of cobaltocene. Carbon, 2007, 45, 1699-1701.	10.3	12
31	Carbon Hollow Nanospheres from Chlorination of Ferrocene. Chemistry of Materials, 2007, 19, 2304-2309.	6.7	64
32	Bi _{2n+4} Mo _n O _{6(n+1)} with n=3, 4, 5, 6: A new series of low-temperature stable phases in the mBi ₂ O ₃ - mMoO ₃ system (1.0 < m < 1.7): Structural relationships and conductor properties. Journal of Solid State Chemistry, 2007, 180, 661-669.	2.9	16
33	Order-Disorder and Direct Evidence of Oxygen Vacancies in a New Family of BiCuWOX Compounds. Chemistry of Materials, 2007, 19, 323-328.	6.7	10
34	Electron microscopy characterization of nanostructured carbon obtained from chlorination of metallocenes and metal carbides. Micron, 2007, 38, 335-345.	2.2	11
35	New inorganic pigments in the Ca ₂ Nd ₂ S system: Stabilization of $\hat{1}^3$ phase. Journal of Alloys and Compounds, 2006, 418, 86-89.	5.5	6
36	Nano-structured carbon obtained by chlorination of NbC. Carbon, 2006, 44, 753-761.	10.3	17

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37	HRTEM analysis of the nanostructure of porous silicon. <i>Materials Science and Engineering C</i> , 2006, 26, 830-834.	7.3	12
38	A New Bi ₄ Mn _{1/3} W _{2/3} O ₈ Cl Sillars Aurivillius Intergrowth: Synthesis and Structural Characterisation by Quantitative Transmission Electron Microscopy. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1853-1858.	2.0	13
39	Compositional dependence of the local structure of Se _x Te _{1-x} alloys: Electron energy-loss spectra, real-space multiple-scattering calculations, and first-principles molecular dynamics. <i>Physical Review B</i> , 2006, 73, .	3.2	2
40	Compositionally modulated Fermi surfaces, structured diffuse scattering and ternary derivatives of 1T-TaS ₂ . <i>Journal of Solid State Chemistry</i> , 2005, 178, 3159-3168.	2.9	4
41	Structural modification of silicon during the formation process of porous silicon. <i>Materials Science and Engineering C</i> , 2005, 25, 595-598.	7.3	2
42	Amorphous carbon nanostructures from chlorination of ferrocene. <i>Carbon</i> , 2005, 43, 978-985.	10.3	37
43	Mechanochemical synthesis of nonstoichiometric fluorite Ca _{1-x} La _x F _{2+x} nanocrystals from CaF ₂ and LaF ₃ single crystals. <i>Crystallography Reports</i> , 2005, 50, 478-485.	0.6	26
44	Synthesis, structural and microstructural study of Bi ₄ W _{0.5} Ti _{0.5} O ₈ (, Br) Sillars Aurivillius intergrowths. <i>Solid State Sciences</i> , 2005, 7, 486-496.	3.2	16
45	Pyrolytic and graphitic carbon: pressure induced phases segregated in polycrystalline corundum. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 865-869.	2.3	4
46	Nanocrystals of cerium and europium trifluorides generated by coaxial Taylor cone electrospray of aqueous solutions at room temperature. <i>Applied Physics Letters</i> , 2005, 87, 053105.	3.3	10
47	Lattice distortion in nanostructured porous silicon. <i>Applied Physics Letters</i> , 2005, 87, 251921.	3.3	17
48	Order and Disorder in Rocksalt and Spinel Structures in the MgS ₂ -Yb ₂ S ₃ System. <i>Chemistry of Materials</i> , 2005, 17, 3524-3531.	6.7	8
49	High-resolution transmission electron microscopic analysis of porous silicon-silicon interface. <i>Applied Physics Letters</i> , 2004, 85, 2517-2519.	3.3	30
50	Synthesis and characterization of possible pigments in the Mg-Yb-S system. <i>Journal of Alloys and Compounds</i> , 2004, 374, 197-201.	5.5	4
51	Order-disorder in MnO ₂ -1 phases (M=Ti+V). <i>Solid State Sciences</i> , 2003, 5, 225-233.	3.2	4
52	A comparative study of ordinary and mineralised Portland cement clinker from two different production units Part II: Characteristics of the calcium silicates. <i>Cement and Concrete Research</i> , 2003, 33, 1623-1630.	11.0	24
53	Solid solutions Ln ₁₀ S _{14+x} O _{1-x} (Ln:Ce, Nd) as possible pigments. <i>Journal of Alloys and Compounds</i> , 2002, 344, 199-202.	5.5	3
54	Crystal structure and microstructure of Er ₂ S ₃ . <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 91-96.	5.5	5

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55	Transmission electron microscopy study of $Y_{1-x}Cr_2S_4$, $x^{1/4}$ phase. Journal of Alloys and Compounds, 2001, 323-324, 86-90.	5.5	5
56	New ecological pigments in the $Ca-Yb-S$ system. Journal of Alloys and Compounds, 2001, 323-324, 297-302.	5.5	6
57	Electron microscopy study of incommensurate modulated structures in misfit ternary chalcogenides. Micron, 2001, 32, 481-495.	2.2	8
58	Structural study and stability of hydroxyapatite and β -tricalcium phosphate: Two important bioceramics. Journal of Biomedical Materials Research Part B, 2000, 51, 660-668.	3.1	84
59	Electron microscopy study of tubular crystals $(BiS)_{1+x}(NbS)_2$. Micron, 2000, 31, 587-595.	2.2	21
60	Structural study and stability of hydroxyapatite and β -tricalcium phosphate: Two important bioceramics. Journal of Biomedical Materials Research Part B, 2000, 51, 660-668.	3.1	1
61	Elucidation of the crystal structure of oxyapatite by high-resolution electron microscopy. Acta Crystallographica Section B: Structural Science, 1999, 55, 170-176.	1.8	43
62	Transmission electron microscopic study of ferrite in sulfate-resisting Portland cement clinker. Cement and Concrete Research, 1999, 29, 679-686.	11.0	7
63	An Investigation of the $Al-Sb-V-W$ Oxide System for Propane Ammoxidation. Journal of Catalysis, 1999, 186, 442-457.	6.2	85
64	Structural and textural study on $ZrO_2-Y_2O_3$ powders. Journal of the European Ceramic Society, 1998, 18, 1201-1210.	5.7	13
65	Formation of active phases in the $Sb-V$, $Al-Sb-V$, and $Al-Sb-V-W$ -oxide systems for propane ammoxidation. Studies in Surface Science and Catalysis, 1997, , 413-422.	1.5	13
66	The Phase $Co_{1-x}Ni_xSn_2$: Structural Variations Based on the Stacking of Two Different Planar Nets. Inorganic Chemistry, 1997, 36, 4307-4315.	4.0	11
67	Catalysis and structure of the $SbVO_4/Sb_2O_4$ system for propane ammoxidation. Catalysis Today, 1997, 33, 97-108.	4.4	59
68	Rutile Superstructure of $Sb_{0.9}V_{1.1}O_4$. Acta Crystallographica Section B: Structural Science, 1997, 53, 221-230.	1.8	7
69	The $Al-Sb-V$ Oxide System for Propane Ammoxidation: A Study of Regions of Phase Formation and Catalytic Role of Al, Sb, and V. Journal of Catalysis, 1996, 160, 244-260.	6.2	62
70	Cation ordering waves in trirutiles. When X-ray crystallography fails?. Acta Crystallographica Section A: Foundations and Advances, 1995, 51, 514-519.	0.3	10
71	On the Nonstoichiometry in Rutile-Type δ - $SbVO_4$. Journal of Solid State Chemistry, 1995, 116, 369-377.	2.9	74
72	Childrenite and millisite from V -Åstan-Åne Iron Mine, Sk-Åne, Sweden. Gff, 1994, 116, 92-92.	1.2	2

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73	Electron microscopy study of the decomposition products at 1300°C from jamesonite mineral FePb ₄ Sb ₆ S ₁₄ . Solid State Ionics, 1993, 63-65, 301-306.	2.7	2
74	Transformation of Mn(Mn, Er) ₂ S ₄ spinel-type by electron radiation damage at 400 kV. Solid State Ionics, 1993, 63-65, 378-387.	2.7	4
75	On the crystal chemistry of NaP zeolites. Zeolites, 1993, 13, 276-280.	0.5	28
76	A Transmission Electron Microscopy Study of the MnS-Er ₂ S ₃ System. Australian Journal of Chemistry, 1992, 45, 1473.	0.9	11
77	A TEM study of the ordering of excess interstitial oxygen atoms in Ln ₂ NiO ₄ + $\frac{1}{2}$ (Ln = La, Nd). Journal of Solid State Chemistry, 1992, 97, 443-451.	2.9	22
78	A study of the system Yb + S, mainly by electron diffraction/microscopy. Journal of Solid State Chemistry, 1990, 89, 237-259.	2.9	12
79	Vacancy ordering in Y ₁₈ B ₄ - γ -2Al ₆ S ₄₂ (B = Al, Sc) compounds by HRTEM. Inorganica Chimica Acta, 1987, 140, 155-157.	2.4	0