

Angel Roberto Landa-Cã;novas

List of Publications by Year in descending order

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79
papers

1,284
citations

361413

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395702

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79
all docs

79
docs citations

79
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation of the Al-Sb-V-Oxide System for Propane Ammoxidation. Journal of Catalysis, 1999, 186, 442-457.	6.2	85
2	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
3	On the Nonstoichiometry in Rutile-Type SbVO_4 . Journal of Solid State Chemistry, 1995, 116, 369-377.	2.9	74
4	Carbon Hollow Nanospheres from Chlorination of Ferrocene. Chemistry of Materials, 2007, 19, 2304-2309.	6.7	64
5	Differences in n-type doping efficiency between Al- and Ga-ZnO films. Journal of Applied Physics, 2013, 113, .	2.5	64
6	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
7	Catalysis and structure of the $\text{SbVO}_4/\text{Sb}_2\text{O}_4$ system for propane ammoxidation. Catalysis Today, 1997, 33, 97-108.	4.4	59
8	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
9	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
10	Amorphous carbon nanostructures from chlorination of ferrocene. Carbon, 2005, 43, 978-985.	10.3	37
11	Direct spectroscopic evidence of self-formed C60 inclusions in fullerene-like hydrogenated carbon films. Applied Physics Letters, 2008, 92, .	3.3	34
12	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
13	High-resolution transmission electron microscopic analysis of porous silicon-silicon interface. Applied Physics Letters, 2004, 85, 2517-2519.	3.3	30
14	On the crystal chemistry of NaP zeolites. Zeolites, 1993, 13, 276-280.	0.5	28
15	Mechanochemical synthesis of nonstoichiometric fluorite $\text{Ca}_{1-x}\text{La}_x\text{F}_{2+x}$ nanocrystals from CaF_2 and LaF_3 single crystals. Crystallography Reports, 2005, 50, 478-485.	0.6	26
16	Nanostructured BiMnO_3 obtained at ambient pressure: analysis of its multiferroicity. Journal of Materials Chemistry, 2012, 22, 9928.	6.7	25
17	A comparative study of ordinary and mineralised Portland cement clinker from two different production units Part II: Characteristics of the calcium silicates. Cement and Concrete Research, 2003, 33, 1623-1630.	11.0	24
18	A TEM study of the ordering of excess interstitial oxygen atoms in Ln_2NiO_4 (Ln = La, Nd). Journal of Solid State Chemistry, 1992, 97, 443-451.	2.9	22

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19	Electron microscopy study of tubular crystals (BiS) $1+\hat{r}$ (NbS 2) n. Micron, 2000, 31, 587-595.	2.2	21
20	Ordered Rock-Salt Related Nanoclusters in CaMnO ₂ . Journal of the American Chemical Society, 2009, 131, 8660-8668.	13.7	21
21	Effect of Carbon Incorporation on the Microstructure of BC _x N ($x = 0.25, 1$) Tj ETQq1 1 0.784314 rgBT /OV 2010, 22, 1949-1951.	6.7	21
22	Lattice distortion in nanostructured porous silicon. Applied Physics Letters, 2005, 87, 251921.	3.3	17
23	Nano-structured carbon obtained by chlorination of NbC. Carbon, 2006, 44, 753-761.	10.3	17
24	Structural flexibility in $\frac{1}{4}$ SbVO ₄ . Catalysis Today, 2010, 158, 156-161.	4.4	17
25	Synthesis, structural and microstructural study of Bi ₄ W _{0.5} Ti _{0.5} O ₈ X (, Br) SillÅ©nâ€“Aurivillius intergrowths. Solid State Sciences, 2005, 7, 486-496.	3.2	16
26	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 â€“ MoO ₃ system (1.0<m<1.7): Structural relationships and conductor properties. Journal of Solid State Chemistry, 2007, 180, 661-669.	2.9	16
27	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
28	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
29	Structural and textural study on ZrO ₂ -Y ₂ O ₃ powders. Journal of the European Ceramic Society, 1998, 18, 1201-1210.	5.7	13
30	A New Bi ₄ Mn _{1/3} W _{2/3} O ₈ Cl SillÅ©nâ€“Aurivillius Intergrowth: Synthesis and Structural Characterisation by Quantitative Transmission Electron Microscopy. European Journal of Inorganic Chemistry, 2006, 2006, 1853-1858.	2.0	13
31	A study of the system Yb + S, mainly by electron diffraction/microscopy. Journal of Solid State Chemistry, 1990, 89, 237-259.	2.9	12
32	HRTEM analysis of the nanostructure of porous silicon. Materials Science and Engineering C, 2006, 26, 830-834.	7.3	12
33	Spherical carbon nanoparticles produced by direct chlorination of cobaltocene. Carbon, 2007, 45, 1699-1701.	10.3	12
34	A Transmission Electron Microscopy Study of the MnS-Er ₂ S ₃ System. Australian Journal of Chemistry, 1992, 45, 1473.	0.9	11
35	The Phase Co _{1-x} Ni _x Sn ₂ :Â Structural Variations Based on the Stacking of Two Different Planar Nets. Inorganic Chemistry, 1997, 36, 4307-4315.	4.0	11
36	Electron microscopy characterization of nanostructured carbon obtained from chlorination of metallocenes and metal carbides. Micron, 2007, 38, 335-345.	2.2	11

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37	Nanopowders of ferroic oxides for magnetoelectric composites. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4189-4200.	1.9	11
38	Cation ordering waves in trirutiles. When X-ray crystallography fails?. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1995, 51, 514-519.	0.3	10
39	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
40	Order~Disorder and Direct Evidence of Oxygen Vacancies in a New Family of BICUWOX Compounds. <i>Chemistry of Materials</i> , 2007, 19, 323-328.	6.7	10
41	Nanostructural changes upon substitutional Al doping in ZnO sputtered films. <i>Ceramics International</i> , 2019, 45, 6319-6327.	4.8	10
42	Electron microscopy study of incommensurate modulated structures in misfit ternary chalcogenides. <i>Micron</i> , 2001, 32, 481-495.	2.2	8
43	Order and Disorder in Rocksalt and Spinel Structures in the MgS~Yb2S3 System. <i>Chemistry of Materials</i> , 2005, 17, 3524-3531.	6.7	8
44	Rutile Superstructure of Sb0.9V1.1O4. <i>Acta Crystallographica Section B: Structural Science</i> , 1997, 53, 221-230.	1.8	7
45	Transmission electron microscopic study of ferrite in sulfate-resisting Portland cement clinker. <i>Cement and Concrete Research</i> , 1999, 29, 679-686.	11.0	7
46	Structural elucidation of the Bi₂Mo_nO₆ (<i>n</i> = 3, 4, 5 and 6) family of fluorite superstructures by transmission electron microscopy. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 458-466.	1.8	7
47	New ecological pigments in the Ca~Yb~S system. <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 297-302.	5.5	6
48	New inorganic pigments in the Ca~Nd~S system: Stabilization of Î³ phase. <i>Journal of Alloys and Compounds</i> , 2006, 418, 86-89.	5.5	6
49	Structure of carbon nanospheres prepared by chlorination of cobaltocene: Experiment and modeling. <i>Physical Review B</i> , 2008, 77, .	3.2	6
50	Transmission electron microscopy characterization of nanostructured carbon derived from Cr3C2 and Cr(C5H7O2)3. <i>Carbon</i> , 2010, 48, 1425-1433.	10.3	6
51	Crystal structure and microstructure of Î-Er2S3. <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 91-96.	5.5	5
52	Transmission electron microscopy study of Y1~xCr2S4, x~1/3 phase. <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 86-90.	5.5	5
53	Order, disorder and structural modulations in Bi~Fe~W~O~Br Sill~ Aurivillius intergrowths. <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 438-447.	1.8	5
54	Local Modification of the Microstructure and Electrical Properties of Multifunctional Au~YSZ Nanocomposite Thin Films by Laser Interference Patterning. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13707-13715.	8.0	5

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55	Characterization of the interface between highly conductive Ga:ZnO films and the silicon substrate. Applied Surface Science, 2017, 419, 595-602.	6.1	5
56	Transformation of Mn(Mn, Er)2S4 spinel-type by electron radiation damage at 400 kV. Solid State Ionics, 1993, 63-65, 378-387.	2.7	4
57	Order-disorder in MnO2n-1 phases (M=Ti+V). Solid State Sciences, 2003, 5, 225-233.	3.2	4
58	Synthesis and characterization of possible pigments in the Mg-Yb-S system. Journal of Alloys and Compounds, 2004, 374, 197-201.	5.5	4
59	Compositionally modulated Fermi surfaces, structured diffuse scattering and ternary derivatives of 1T-TaS2. Journal of Solid State Chemistry, 2005, 178, 3159-3168.	2.9	4
60	Pyrolytic and graphitic carbon: pressure induced phases segregated in polycrystalline corundum. Applied Physics A: Materials Science and Processing, 2005, 81, 865-869.	2.3	4
61	Solid solutions Ln10S14+xO1-x (Ln:Ce, Nd) as possible pigments. Journal of Alloys and Compounds, 2002, 344, 199-202.	5.5	3
62	Electron microscopy study of the decomposition products at 1300°C from jamesonite mineral FePb4Sb6S14. Solid State Ionics, 1993, 63-65, 301-306.	2.7	2
63	Childrenite and millsite from Västana Iron Mine, Skåne, Sweden. Gff, 1994, 116, 92-92.	1.2	2
64	Structural modification of silicon during the formation process of porous silicon. Materials Science and Engineering C, 2005, 25, 595-598.	7.3	2
65	Compositional dependence of the local structure of SexTe1-x alloys: Electron energy-loss spectra, real-space multiple-scattering calculations, and first-principles molecular dynamics. Physical Review B, 2006, 73, .	3.2	2
66	TEM study of the (SbS)1+(NbS2) , (n=1, 2, 3; $\delta \sim 1.14, 1.20$) misfit layer phases. Journal of Solid State Chemistry, 2015, 230, 357-368.	2.9	2
67	SbVO4 Catalyst Structure Determination Using Electron, X-ray and Neutron Diffraction. Microscopy and Microanalysis, 2012, 18, 95-96.	0.4	1
68	Transmission Electron Microscopy Study of Low Mo-content Bi-Mo-O Phases. Microscopy and Microanalysis, 2012, 18, 71-72.	0.4	1
69	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
70	Ab initio structural characterization of Bi10Mo3O24 by TEM, X-ray and neutron powder diffraction. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C215-C215.	0.3	1
71	Vacancy ordering in Y18B4-2Al6S42 (B = Al, Sc) compounds by HRTEM. Inorganica Chimica Acta, 1987, 140, 155-157.	2.4	0
72	Nanostructure of the Interfaces Between ZnO, ZnO:Ga and ZnO:Al Films and Silicon. Microscopy and Microanalysis, 2012, 18, 91-92.	0.4	0

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73	Highly conductive Ga-doped ZnO thin films deposited onto Si wafers: Interface characterization. , 2012, , .		0
74	Cationic superstructures and incommensurate magnetic structure in SbVO ₄ catalyst. Journal of Physics: Conference Series, 2014, 549, 012025.	0.4	0
75	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
76	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
77	Cation order and magnetic structure of SbVO ₄ catalyst. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C428-C428.	0.3	0
78	Incommensurate magnetic structure and chemical modulation in SbVO ₄ catalyst. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C373-C373.	0.1	0
79	FeSbO ₄ and other rutile-type mixed oxides revealing nano-structural flexibility. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e327-e327.	0.1	0