

Ester Garc a-Gonz lez

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Chirp-dependent dual light emission in Na _{0.95} Er _{0.05} Nb _{0.9} Ti _{0.1} O ₃ perovskite. <i>Optical Materials</i> , 2022, 129, 112500.	3.6	1
2	W ⁵⁺ Nb ⁵⁺ O oxides with tunable acid properties as efficient catalysts for the transformation of biomass-derived oxygenates in aqueous systems. <i>Catalysis Science and Technology</i> , 2019, 9, 3126-3136.	4.1	16
3	Interplay between humidity, temperature and electrical response of a conductivity sensor based on a La ₂ LiNbO ₆ double perovskite. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5430-5442.	10.3	7
4	Self-Organized Transformation from Hexagonal to Orthorhombic Bronze of Cs ⁺ Nb ⁵⁺ W ⁵⁺ O Mixed Oxides Prepared Hydrothermally. <i>Crystal Growth and Design</i> , 2017, 17, 6320-6331.	3.0	5
5	Unravelling the complex nanostructure of La _{0.5x} Li _{0.5x} Sr _{2x} TiO ₃ Li ionic conductors. <i>Dalton Transactions</i> , 2016, 45, 7148-7157.	3.3	10
6	Preparation, characterization and catalytic behavior for propane partial oxidation of Ga-promoted MoVTeO catalysts. <i>Applied Catalysis A: General</i> , 2015, 504, 51-61.	4.3	18
7	Multielement Crystalline and Pseudocrystalline Oxides as Efficient Catalysts for the Direct Transformation of Glycerol into Acrylic Acid. <i>ChemSusChem</i> , 2015, 8, 398-406.	6.8	44
8	On the origin of the spontaneous formation of nanocavities in hexagonal bronzes (W,V)O ₃ . <i>Dalton Transactions</i> , 2014, 43, 14644-14652.	3.3	13
9	Catalytic behavior of NaV ₆ O ₁₅ bronze for partial oxidation of hydrogen sulfide. <i>Catalysis Today</i> , 2014, 238, 62-68.	4.4	17
10	Phase coexistence in NaNb(1-x)TaO ₃ materials with enhanced dielectric properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 14938.	6.7	21
11	Structural Effects Behind the Low Temperature Nonconventional Relaxor Behavior of the Sr ₂ NaNb ₅ O ₁₅ Bronze. <i>Inorganic Chemistry</i> , 2011, 50, 12091-12098.	4.0	59
12	Transmission Electron Microscopy Evidence of Spontaneous B-Cation Layered Distribution in NaNb _{1-x} Ta _x O ₃ . <i>Journal of the American Chemical Society</i> , 2010, 132, 9843-9849.	13.7	21
13	Mo-containing tetragonal tungsten bronzes. The influence of tellurium on catalytic behaviour in selective oxidation of propene. <i>Journal of Catalysis</i> , 2009, 265, 43-53.	6.2	24
14	Multiphase Transformations Controlled by Ostwald's Rule in Nanostructured Ce _{0.5} Zr _{0.5} O ₂ Powders Prepared by a Modified Pechini Route. <i>Inorganic Chemistry</i> , 2009, 48, 9693-9699.	4.0	13
15	Induction of Relaxor Behavior in Na _{1-x} Sr _{x/2} NbO ₃ through the Introduction of Cationic Vacancies. <i>Chemistry of Materials</i> , 2009, 21, 2193-2200.	6.7	6
16	Room Temperature Ferroelectricity in Na _{1-x} Sr _{x/2} NbO ₃ through the Introduction of Cationic Vacancies. <i>Chemistry of Materials</i> , 2008, 20, 6957-6964.	6.7	8
17	The hydrothermal synthesis of tetragonal tungsten bronze-based catalysts for the selective oxidation of hydrocarbons. <i>Chemical Communications</i> , 2007, , 5040.	4.1	17
18	Structural Singularities in Ferroelectric Sr ₂ NaNb ₅ O ₁₅ . <i>Chemistry of Materials</i> , 2007, 19, 3575-3580.	6.7	42

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19	Structural characterization of $Ce_{1-x}Zr_xO_2$ ($0 \leq x \leq 1$) samples prepared at 1650°C by solid state reaction. Journal of the European Ceramic Society, 2007, 27, 3677-3682.	5.7	40
20	Cation miscibility in CeO_2 - ZrO_2 oxides with fluorite structure. A combined TEM, SAED and XRD Rietveld analysis. Journal of Materials Chemistry, 2006, 16, 4249-4256.	6.7	47
21	Ag_2CuMnO_4 : A new silver copper oxide with delafossite structure. Journal of Solid State Chemistry, 2006, 179, 3883-3892.	2.9	29
22	MoVTeNbO multifunctional catalysts: Correlation between constituent crystalline phases and catalytic performance. Solid State Sciences, 2005, 7, 507-519.	3.2	81
23	Conductividad eléctrica y difusión de oxígeno en el sistema Bifevox. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2004, 43, 67-70.	1.9	0
24	On the nature and structure of new MoVTeO and MoVTeNbO crystalline phases. Materials Research Society Symposia Proceedings, 2002, 755, 1.	0.1	0
25	On the Nature and Structure of a New MoVTeO Crystalline Phase. Chemistry of Materials, 2002, 14, 4416-4421.	6.7	60
26	Correlated Oxygen Diffusion in BIFEVOX. Chemistry of Materials, 2002, 14, 1606-1609.	6.7	12
27	Short-Range to Long-Range Order Transformation in the $Bi_4V_2-xFexO_{11-y}$ Series. Chemistry of Materials, 2001, 13, 96-102.	6.7	10
28	Oxygen content and microstructure in $Bi_4V_2O_{11}$. Journal of Materials Chemistry, 2001, 11, 2320-2323.	6.7	15
29	A New Structure Model for $Ba_3Nb_2O_8$: A HREM Study. Chemistry of Materials, 2000, 12, 2485-2489.	6.7	3
30	Crystal Structure of an Unusual Polytype: $7H-Ba_7Nb_4MoO_{20}$. Chemistry of Materials, 1999, 11, 433-437.	6.7	23
31	Electron Microscopy Study of a New Cation Deficient Perovskite-like Oxide: $Ba_3MoNbO_{8.5}$. Chemistry of Materials, 1998, 10, 1576-1581.	6.7	21
32	Structural characterization of epitaxial YBCO thin films on $SrTiO_3$ and $LaAlO_3$. Physica C: Superconductivity and Its Applications, 1994, 235-240, 631-632.	1.2	0
33	Infrared and Raman spectra of the $MBa_2Cu_3O_7$ -type high- T_c superconductors. Solid State Communications, 1987, 64, 727-732.	1.9	110