

Ester Garc a-Gonz lez

List of Publications by Year in descending order

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33
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793
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881
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Infrared and Raman spectra of the MBa ₂ Cu ₃ O ₇ -type high-T _c superconductors. Solid State Communications, 1987, 64, 727-732. | 1.9 | 110 |
| 2 | MoVTeNbO multifunctional catalysts: Correlation between constituent crystalline phases and catalytic performance. Solid State Sciences, 2005, 7, 507-519. | 3.2 | 81 |
| 3 | On the Nature and Structure of a New MoVTeO Crystalline Phase. Chemistry of Materials, 2002, 14, 4416-4421. | 6.7 | 60 |
| 4 | Structural Effects Behind the Low Temperature Nonconventional Relaxor Behavior of the Sr ₂ NaNb ₅ O ₁₅ Bronze. Inorganic Chemistry, 2011, 50, 12091-12098. | 4.0 | 59 |
| 5 | 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 |
| 6 | Multielement Crystalline and Pseudocrystalline Oxides as Efficient Catalysts for the Direct Transformation of Glycerol into Acrylic Acid. ChemSusChem, 2015, 8, 398-406. | 6.8 | 44 |
| 7 | Structural Singularities in Ferroelectric Sr ₂ NaNb ₅ O ₁₅ . Chemistry of Materials, 2007, 19, 3575-3580. | 6.7 | 42 |
| 8 | Structural characterization of Ce _{1-x} Zr _x O ₂ (0 ≤ x ≤ 1) samples prepared at 1650 °C by solid state reaction. Journal of the European Ceramic Society, 2007, 27, 3677-3682. | 5.7 | 40 |
| 9 | Ag ₂ CuMnO ₄ : A new silver copper oxide with delafossite structure. Journal of Solid State Chemistry, 2006, 179, 3883-3892. | 2.9 | 29 |
| 10 | Mo-containing tetragonal tungsten bronzes. The influence of tellurium on catalytic behaviour in selective oxidation of propene. Journal of Catalysis, 2009, 265, 43-53. | 6.2 | 24 |
| 11 | Crystal Structure of an Unusual Polytype: 7H-Ba ₇ Nb ₄ MoO ₂₀ . Chemistry of Materials, 1999, 11, 433-437. | 6.7 | 23 |
| 12 | Electron Microscopy Study of a New Cation Deficient Perovskite-like Oxide: Ba ₃ MoNbO _{8.5} . Chemistry of Materials, 1998, 10, 1576-1581. | 6.7 | 21 |
| 13 | Transmission Electron Microscopy Evidence of Spontaneous B-Cation Layered Distribution in NaNb _{1-x} Ta _x O ₃ . Journal of the American Chemical Society, 2010, 132, 9843-9849. | 13.7 | 21 |
| 14 | Phase coexistence in NaNb(1-x)Ta _x O ₃ materials with enhanced dielectric properties. Journal of Materials Chemistry, 2012, 22, 14938. | 6.7 | 21 |
| 15 | Preparation, characterization and catalytic behavior for propane partial oxidation of Ga-promoted MoVTeO catalysts. Applied Catalysis A: General, 2015, 504, 51-61. | 4.3 | 18 |
| 16 | The hydrothermal synthesis of tetragonal tungsten bronze-based catalysts for the selective oxidation of hydrocarbons. Chemical Communications, 2007, , 5040. | 4.1 | 17 |
| 17 | Catalytic behavior of NaV ₆ O ₁₅ bronze for partial oxidation of hydrogen sulfide. Catalysis Today, 2014, 238, 62-68. | 4.4 | 17 |
| 18 | W-Nb-O oxides with tunable acid properties as efficient catalysts for the transformation of biomass-derived oxygenates in aqueous systems. Catalysis Science and Technology, 2019, 9, 3126-3136. | 4.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Oxygen content and microstructure in Bi ₄ V ₂ O ₁₁ . Journal of Materials Chemistry, 2001, 11, 2320-2323. | 6.7 | 15 |
| 20 | Multiphase Transformations Controlled by Ostwald's Rule in Nanostructured Ce _{0.5} Zr _{0.5} O ₂ Powders Prepared by a Modified Pechini Route. Inorganic Chemistry, 2009, 48, 9693-9699. | 4.0 | 13 |
| 21 | On the origin of the spontaneous formation of nanocavities in hexagonal bronzes (W,V)O ₃ . Dalton Transactions, 2014, 43, 14644-14652. | 3.3 | 13 |
| 22 | Correlated Oxygen Diffusion in BIFEVOX. Chemistry of Materials, 2002, 14, 1606-1609. | 6.7 | 12 |
| 23 | Short-Range~Long-Range Order Transformation in the Bi ₄ V _{2-x} Fe _x O _{11-y} Series. Chemistry of Materials, 2001, 13, 96-102. | 6.7 | 10 |
| 24 | Unravelling the complex nanostructure of La _{0.5-x} Li _{0.5-x} Sr _{2x} TiO ₃ Li ionic conductors. Dalton Transactions, 2016, 45, 7148-7157. | 3.3 | 10 |
| 25 | Room Temperature Ferroelectricity in Na _{1-x} Sr _{x/2} NbO ₃ through the Introduction of Cationic Vacancies. Chemistry of Materials, 2008, 20, 6957-6964. | 6.7 | 8 |
| 26 | Interplay between humidity, temperature and electrical response of a conductivity sensor based on a La ₂ LiNbO ₆ double perovskite. Journal of Materials Chemistry A, 2018, 6, 5430-5442. | 10.3 | 7 |
| 27 | Induction of Relaxor Behavior in Na _{1-x} Sr _{x/2} NbO ₃ through the Introduction of Cationic Vacancies. Chemistry of Materials, 2009, 21, 2193-2200. | 6.7 | 6 |
| 28 | Self-Organized Transformation from Hexagonal to Orthorhombic Bronze of CsNbWO Mixed Oxides Prepared Hydrothermally. Crystal Growth and Design, 2017, 17, 6320-6331. | 3.0 | 5 |
| 29 | A New Structure Model for Ba ₃ Nb ₂ O ₈ : A HREM Study. Chemistry of Materials, 2000, 12, 2485-2489. | 6.7 | 3 |
| 30 | Chirp-dependent dual light emission in Na _{0.95} Er _{0.05} Nb _{0.9} Ti _{0.1} O ₃ perovskite. Optical Materials, 2022, 129, 112500. | 3.6 | 1 |
| 31 | 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 |
| 32 | On the nature and structure of new MoVTeO and MoVTeNbO crystalline phases. Materials Research Society Symposia Proceedings, 2002, 755, 1. | 0.1 | 0 |
| 33 | 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 |