

Artem Makarevich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1632606/publications.pdf>

Version: 2024-02-01

30
papers

280
citations

1163117

8
h-index

940533

16
g-index

30
all docs

30
docs citations

30
times ranked

442
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Titania Mesocrystals: Working Surface in Photocatalytic Reactions. Russian Journal of Inorganic Chemistry, 2021, 66, 460-467. | 1.3 | 4 |
| 2 | Hydrothermal epitaxy growth of self-organized vanadium dioxide 3D structures with metal-insulator transition and THz transmission switch properties. CrystEngComm, 2020, 22, 2612-2620. | 2.6 | 10 |
| 3 | Effect of α -Al ₂ O ₃ Single-Crystal Substrate on Growth of TiO ₂ Particles under Hydrothermal Conditions. Russian Journal of Inorganic Chemistry, 2020, 65, 299-304. | 1.3 | 2 |
| 4 | Experimental Study of the Insulator-to-Metal Phase Transition in VO ₂ Thin Films in the Microwave Range. Inorganic Materials: Applied Research, 2019, 10, 775-780. | 0.5 | 2 |
| 5 | Effect of MIT in epitaxial VO ₂ films on THz transmittance. EPJ Web of Conferences, 2018, 195, 06015. | 0.3 | 1 |
| 6 | Terahertz Switching Focuser Based on Thin Film Vanadium Dioxide Zone Plate. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 1203-1210. | 2.2 | 11 |
| 7 | Experimental investigation of phase transition in vanadium dioxide films in microwave band. Materialovedenie, 2018, . | 0.1 | 0 |
| 8 | Insulation effect on thermal stability of Coated Conductors wires in liquid nitrogen. IOP Conference Series: Materials Science and Engineering, 2017, 171, 012123. | 0.6 | 3 |
| 9 | Statistics of GB misorientations in 2D polycrystalline copper foil. Materials Letters, 2017, 196, 377-380. | 2.6 | 5 |
| 10 | Volatility and thermal stability of vanadyl β^2 -diketonate complexes. Russian Journal of Inorganic Chemistry, 2017, 62, 818-821. | 1.3 | 6 |
| 11 | Structural diversity of volatile mixed ligand complexes of alkaline earth element hexafluoroacetylacetonates with triglyme and related polyglymes. Polyhedron, 2017, 134, 246-256. | 2.2 | 11 |
| 12 | Customised 2G HTS wire for applications. Superconductor Science and Technology, 2016, 29, 024001. | 3.5 | 69 |
| 13 | Emission of terahertz pulses from vanadium dioxide films undergoing metal-insulator phase transition. Optica, 2015, 2, 790. | 9.3 | 22 |
| 14 | Chemical synthesis of high quality epitaxial vanadium dioxide films with sharp electrical and optical switch properties. Journal of Materials Chemistry C, 2015, 3, 9197-9205. | 5.5 | 61 |
| 15 | A novel dimeric complex of barium bis(hexafluoroacetylacetonate) with triglyme: Synthesis, structure, and volatility. Doklady Chemistry, 2013, 451, 181-184. | 0.9 | 2 |
| 16 | MOCVD Buffer and Superconducting Layers on Non-Magnetic Biaxially Textured Tape for Coated Conductor Fabrication. IEEE Transactions on Applied Superconductivity, 2013, 23, 6601404-6601404. | 1.7 | 4 |
| 17 | Peculiarities of the synthesis and thermolysis of heterometallic coordination compounds used as precursors for nickelates of rare-earth elements. Moscow University Chemistry Bulletin, 2011, 66, 25-31. | 0.6 | 0 |
| 18 | Low temperature phase transitions as a representation of structural flexibility of alkaline earth mixed ligand β^2 -diketonates. Polyhedron, 2011, 30, 599-605. | 2.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Saturation vapor pressure of the mixed-ligand calcium bis(hexafluoroacetylacetonate) complex with dyglime and water. Russian Journal of Inorganic Chemistry, 2010, 55, 1940-1943. | 1.3 | 6 |
| 20 | Mixed-ligand complexes of alkaline-earth metal trifluoroacetates with monoethanolamine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 804-809. | 1.0 | 1 |
| 21 | Chemical Solution Deposition of Ceria Textured Thin Films from Novel Mixed-Ligand Metal-Organic Precursors. Chemistry of Materials, 2010, 22, 5803-5813. | 6.7 | 13 |
| 22 | Epitaxial LnNiO ₃ (Ln=La, Pr, Nd, Sm) films from 4f-3d heterometallic complexes. Thin Solid Films, 2010, 518, 4696-4700. | 1.8 | 3 |
| 23 | Low-temperature MOCVD of Epitaxial CaF ₂ and SrF ₂ Films. ECS Transactions, 2009, 25, 525-532. | 0.5 | 6 |
| 24 | Deposition of thin films of neodymium and samarium nickelates from heterometallic coordination compounds by centrifugation. Doklady Chemistry, 2009, 426, 124-127. | 0.9 | 4 |
| 25 | Epitaxial Heterostructures of KNbO ₃ /LaNiO ₃ /SrTiO ₃ and KNbO ₃ /La _{1-x} K _x MnO ₃ /SrTiO ₃ : MOCVD preparation and properties. ECS Transactions, 2009, 25, 513-519. | 0.5 | 7 |
| 26 | Formation of heterometallic compounds in mixed solutions of nickel(II)-Schiff base complexes and lanthanide nitrates: Electropray ionization mass spectrometry data. Russian Journal of Inorganic Chemistry, 2008, 53, 1476-1483. | 1.3 | 3 |
| 27 | Crystal structure and chemical bonding in tin(II) acetate. Polyhedron, 2007, 26, 5365-5369. | 2.2 | 12 |
| 28 | Electrospray mass spectra of aqueous solutions of 4f-3d heterometallic chelates. Russian Journal of Inorganic Chemistry, 2007, 52, 1775-1780. | 1.3 | 3 |
| 29 | Heterometallic nickel(II) samarium(III) diethylenetriaminepentaacetate, a starting material for the preparation of samarium nickelate films. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 707-711. | 1.0 | 2 |
| 30 | SYNTHESIS AND LUMINESCENCE OF SiO ₂ THREE-DIMENSIONAL PHOTONIC CRYSTAL WITH HEuEDTA. , 2005, , . | | 0 |