

Vassili Lennikov

List of Publications by Year in descending order

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20
papers

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1040056

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times ranked

183
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effect of Laser Treatments on the Microstructure and Physical Properties of Bi-2212 and Gd-123 Bulk Samples. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4. | 1.7 | 0 |
| 2 | Microstructure and Transport Properties of Bi-2212 Prepared by CO ₂ Laser Line Scanning. Journal of Superconductivity and Novel Magnetism, 2013, 26, 947-952. | 1.8 | 37 |
| 3 | Laser-assisted production of Bi-doped silica glasses. Materials Letters, 2012, 85, 44-46. | 2.6 | 9 |
| 4 | Laser synthesis and luminescence properties of SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ phosphors. Journal of the European Ceramic Society, 2012, 32, 4363-4369. | 5.7 | 39 |
| 5 | In-situ laser synthesis of rare earth aluminate coatings in the system Ln-Al-O (Ln=ÅY, Gd). Solid State Sciences, 2011, 13, 1813-1819. | 3.2 | 18 |
| 6 | Laser-assisted, crack-free surface melting of large eutectic ceramic bodies. Journal of the European Ceramic Society, 2011, 31, 1251-1256. | 5.7 | 28 |
| 7 | Fabrication of Superconducting Coatings on Structural Ceramic Tiles. IEEE Transactions on Applied Superconductivity, 2009, 19, 3041-3044. | 1.7 | 9 |
| 8 | In situ synthesis of composite MTiO ₃ Al ₂ O ₃ coatings via laser zone melting. Solid State Sciences, 2007, 9, 404-409. | 3.2 | 16 |
| 9 | Laser Zone Melting and Texture Formation in MgO-doped Bi _{2.03} Sr _{1.93} Ca _{1.07} Cu _{2.05} O _{8+?} . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 2337-2342. | 1.2 | 10 |
| 10 | Title is missing!. Inorganic Materials, 2003, 39, 379-385. | 0.8 | 7 |
| 11 | Formation of the Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\tilde{\Gamma}$ superconductor with Mg _{1-x} Cu _x O inclusions: the phases compatibility and the effect of the preparation route on the material microstructure and properties. Journal of Materials Chemistry, 2001, 11, 168-172. | 6.7 | 13 |
| 12 | Fast synthesis of YBa ₂ Cu ₃ O _z superconductor at low temperatures of its orthorhombic modification existence using mechanically activated and densified two-powder precursors. Physica C: Superconductivity and Its Applications, 2001, 349, 278-288. | 1.2 | 5 |
| 13 | Title is missing!. Inorganic Materials, 2001, 37, 636-640. | 0.8 | 14 |
| 14 | Microstructure and Superconducting Properties of TaC-Doped Bi-2223 Ceramics. Inorganic Materials, 2001, 37, 1199-1200. | 0.8 | 12 |
| 15 | THE SHAPE OF THE Nd_{1+x}Ba₂Cu₃O₈ STABILITY FIELD. , 2000, , . | | |
| 16 | Development of Ag sheathed Bi-2223 multifilamentary tapes with MgO coated filaments. IEEE Transactions on Applied Superconductivity, 1999, 9, 2553-2556. | 1.7 | 3 |
| 17 | <title>Critical-current density enhancement in HTSC ceramics under CO₂ laser irradiation and short-time thermal annealing</title>. , 1998, , . | | 1 |
| 18 | Influence of doping of TiC and NbC on structure and superconducting properties of Bi-containing compounds. Journal of Low Temperature Physics, 1996, 105, 1553-1557. | 1.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Non-oxidative and oxidative chlorination of (Bi,Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O _y . Superconductor Science and Technology, 1994, 7, 473-478. | 3.5 | 1 |
| 20 | Influence of Thermal Effects Produced by Laser Treatment on the Tribological Behavior of Porcelain Ceramic Tiles. Key Engineering Materials, 0, 423, 41-46. | 0.4 | 5 |