

Vladimir Matias

List of Publications by Year in descending order

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15
papers

378
citations

933447

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996975

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15
docs citations

15
times ranked

315
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ion beam induced crystalline texturing during thin film deposition. Surface and Coatings Technology, 2015, 264, 1-8. | 4.8 | 17 |
| 2 | Highly textured oxypnictide superconducting thin films on metal substrates. Applied Physics Letters, 2014, 105, . | 3.3 | 25 |
| 3 | The Role of Nucleation Surfaces in the Texture Development of Magnesium Oxide During Ion Beam Assisted Deposition. IEEE Transactions on Applied Superconductivity, 2011, 21, 2904-2907. | 1.7 | 7 |
| 4 | Biaxially textured cobalt-doped BaFe ₂ As ₂ films with high critical current density over 1â€MA/cm ² on MgO-buffered metal-tape flexible substrates. Applied Physics Letters, 2011, 98, 242510. | 3.3 | 110 |
| 5 | Pulsed laser deposition of CeCoIn ₅ thin films. Physica C: Superconductivity and Its Applications, 2010, 470, S568-S569. | 1.2 | 4 |
| 6 | Very fast biaxial texture evolution using high rate ion-beam-assisted deposition of MgO. Journal of Materials Research, 2009, 24, 125-129. | 2.6 | 37 |
| 7 | Reactive Co-Evaporation of YBCO as a Low-Cost Process for Fabricating Coated Conductors. IEEE Transactions on Applied Superconductivity, 2009, 19, 3172-3175. | 1.7 | 12 |
| 8 | Preparation of Conductive Buffer Architectures Based on IBAD-TiN. IEEE Transactions on Applied Superconductivity, 2009, 19, 3447-3450. | 1.7 | 12 |
| 9 | Stacks of YBCO Films Using Multiple IBAD Templates. IEEE Transactions on Applied Superconductivity, 2007, 17, 3577-3580. | 1.7 | 7 |
| 10 | Experiments Using Continuous Fabrication of IBAD-MgO Based Coated Conductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 3263-3265. | 1.7 | 7 |
| 11 | Coated conductors textured by ion-beam assisted deposition. Physica C: Superconductivity and Its Applications, 2007, 460-462, 312-315. | 1.2 | 27 |
| 12 | Dependence of carrier mobility on grain mosaic spread in 001-oriented Si films grown on polycrystalline substrates. Applied Physics Letters, 2005, 87, 152104. | 3.3 | 20 |
| 13 | Role of beam divergence and ion-to-molecule flux ratio in ion-beam-assisted deposition texturing of MgO. Journal of Materials Research, 2004, 19, 501-504. | 2.6 | 20 |
| 14 | Reel-to-reel preparation of ion-beam assisted deposition (IBAD)-MgO based coated conductors. Superconductor Science and Technology, 2004, 17, S132-S134. | 3.5 | 44 |
| 15 | Continuous electropolishing of Hastelloy substrates for ion-beam assisted deposition of MgO. Superconductor Science and Technology, 2003, 16, 613-616. | 3.5 | 29 |