

Arturas Jukna

List of Publications by Year in descending order

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22
papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	Study of Energy Dissipation in the Mixed-State YBa ₂ Cu ₃ O _{7-δ} Superconductor with Partially Deoxygenated Structures. <i>Materials</i> , 2022, 15, 4260.	2.9	2
2	Peculiarities of the Vertical Thermal Regime of Lake Tapeliai. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2765-2772.	1.2	0
3	Critical Evaluation of Metallization in Electric Injury. <i>American Journal of Forensic Medicine and Pathology</i> , 2017, 38, 333-335.	0.8	2
4	Electric properties of Y-Ba-Cu-O micro-diodes based on asymmetrically narrowed mesas. , 2017, , .		1
5	Investigation of the I_c vs V characteristics asymmetry in semiconducting YBa ₂ Cu ₃ O _{7-x} diodes. <i>Micro and Nano Letters</i> , 2017, 12, 838-842.	1.3	1
6	Microwave Detection Properties of Asymmetrically Narrowed YBa ₂ Cu ₃ O _{7-x} Structures. <i>Medziagotyra</i> , 2014, 20, .	0.2	0
7	Investigation of Optically Modified YBa ₂ Cu ₃ O _{7-x} Films by Means of X-ray Microanalysis Technique. <i>Medziagotyra</i> , 2014, 20, .	0.2	0
8	INVESTIGATION INTO SUPERCONDUCTING Y-BA-CU-O FILMS CONTAINING REGIONS OF WEAK SUPERCONDUCTIVITY AND BIASED AT $I > I_c$ / STIPRIOS I $> I_c$ ELEKTROS SROVÄ-S TANKIO PASISKIRSTYMAS PLONUOSE Y-BA-CU-O SLUOKSNIUOSE, TURINÄCEIUOSE SILPNOJO SUPERLAIDUMO SRITIS. <i>Science: Future of Lithuania</i> , 2012, 3, 101-104.	0.1	0
9	Quasi-Josephson effects generated by coherent vortex flow in easy motion laser processed channels. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S799-S800.	1.2	2
10	Easy Vortex Motion in an Artificial Channel of YBa ₂ Cu ₃ O _{7-δ} Superconducting Films. <i>Acta Physica Polonica A</i> , 2008, 113, 959-962.	0.5	5
11	Noise evidence for intermittent channeled vortex motion in laser-processed YBaCuO thin films. , 2007, , .		1
12	Dark Counts in Nanostructured NbN Superconducting Single-Photon Detectors and Bridges. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 275-278.	1.7	54
13	Spectroscopy With Nanostructured Superconducting Single Photon Detectors. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2007, 13, 934-943.	2.9	22
14	Electric transport properties of YBa ₂ Cu ₃ O _{7-δ} thin-film bridges with laser-written channels of easy vortex motion. <i>Journal of Applied Physics</i> , 2006, 99, 113902.	2.5	17
15	Laser processed channels of easy vortex motion in YBa ₂ Cu ₃ O _{7-δ} films. <i>Applied Physics Letters</i> , 2005, 87, 192504.	3.3	23
16	Control of gigahertz antenna radiation using optically triggered YBa ₂ Cu ₃ O _{7-δ} superconducting microbridges. <i>Superconductor Science and Technology</i> , 2004, 17, S336-S340.	3.5	5
17	Photoresponse studies of pulsed-current $I > I_c$ biased YBa ₂ Cu ₃ O _{7-δ} thin films. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 402, 61-66.	1.2	3
18	Transient Dynamics of Pulsed-Current-Biased YBa ₂ Cu ₃ O _{7-δ} Superconducting Photoswitches. <i>International Journal of Modern Physics B</i> , 2003, 17, 3702-3707.	2.0	1

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19	Time-resolved photoresponse in the resistive flux-flow state in $YBaCuO$ superconducting microbridges. <i>Superconductor Science and Technology</i> , 2003, 16, 911-915.	3.5	13
20	Electric Properties of Contacts to HTS Thin Films at Current Densities $J > J_c$. <i>Journal of Low Temperature Physics</i> , 1999, 117, 1555-1559.	1.4	5
21	Thin YBCO films on (001) substrates grown by injection MOCVD. <i>Superconductor Science and Technology</i> , 1997, 10, 959-965.	3.5	23
22	MgO by Injection CVD. <i>Thin Solid Films</i> , 1997, 311, 251-258.	1.8	7