

Arturas Jukna

List of Publications by Year in descending order

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docs citations

22
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206
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark Counts in Nanostructured NbN Superconducting Single-Photon Detectors and Bridges. IEEE Transactions on Applied Superconductivity, 2007, 17, 275-278.	1.7	54
2	Thin YBCO films on (001) substrates grown by injection MOCVD. Superconductor Science and Technology, 1997, 10, 959-965.	3.5	23
3	Laser processed channels of easy vortex motion in YBa ₂ Cu ₃ O _{7-δ} films. Applied Physics Letters, 2005, 87, 192504.	3.3	23
4	Spectroscopy With Nanostructured Superconducting Single Photon Detectors. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 934-943.	2.9	22
5	Electric transport properties of YBa ₂ Cu ₃ O _{7-δ} thin-film bridges with laser-written channels of easy vortex motion. Journal of Applied Physics, 2006, 99, 113902.	2.5	17
6	Time-resolved photoresponse in the resistive flux-flow state in YBa ₂ Cu ₃ O _{7-δ} superconducting microbridges. Superconductor Science and Technology, 2003, 16, 911-915.	3.5	13
7	MgO by Injection CVD. Thin Solid Films, 1997, 311, 251-258.	1.8	7
8	Electric Properties of Contacts to HTS Thin Films at Current Densities $J > J_c$. Journal of Low Temperature Physics, 1999, 117, 1555-1559.	1.4	5
9	Control of gigahertz antenna radiation using optically triggered YBa ₂ Cu ₃ O _{7-δ} superconducting microbridges. Superconductor Science and Technology, 2004, 17, S336-S340.	3.5	5
10	Easy Vortex Motion in an Artificial Channel of YBa ₂ Cu ₃ O _{7-δ} Superconducting Films. Acta Physica Polonica A, 2008, 113, 959-962.	0.5	5
11	Photoresponse studies of pulsed-current $I > I_c$ biased YBa ₂ Cu ₃ O _{7-δ} thin films. Physica C: Superconductivity and Its Applications, 2004, 402, 61-66.	1.2	3
12	Quasi-Josephson effects generated by coherent vortex flow in easy motion laser processed channels. Physica C: Superconductivity and Its Applications, 2010, 470, S799-S800.	1.2	2
13	Critical Evaluation of Metallization in Electric Injury. American Journal of Forensic Medicine and Pathology, 2017, 38, 333-335.	0.8	2
14	Study of Energy Dissipation in the Mixed-State YBa ₂ Cu ₃ O _{7-δ} Superconductor with Partially Deoxygenated Structures. Materials, 2022, 15, 4260.	2.9	2
15	Transient Dynamics of Pulsed-Current-Biased YBa ₂ Cu ₃ O _{7-δ} Superconducting Photoswitches. International Journal of Modern Physics B, 2003, 17, 3702-3707.	2.0	1
16	Noise evidence for intermittent channeled vortex motion in laser-processed YBaCuO thin films. , 2007, , .		1
17	Electric properties of Y-Ba-Cu-O micro-diodes based on asymmetrically narrowed mesas. , 2017, , .		1
18	Investigation of the $I > I_c$ characteristics asymmetry in semiconducting YBa ₂ Cu ₃ O _{7-δ} diodes. Micro and Nano Letters, 2017, 12, 838-842.	1.3	1

#	ARTICLE	IF	CITATIONS
19	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, TURINÄŒIUOSE SILPNOJO SUPERLAIDUMO SRITIS. Science: Future of Lithuania, 2012, 3, 101-104.	0.1	0
20	Microwave Detection Properties of Asymmetrically Narrowed YBa ₂ Cu ₃ O _{7-x} Structures. Medziagotyra, 2014, 20, .	0.2	0
21	Investigation of Optically Modified YBa ₂ Cu ₃ O _{7-x} Films by Means of X-ray Microanalysis Technique. Medziagotyra, 2014, 20, .	0.2	0
22	Peculiarities of the Vertical Thermal Regime of Lake Tapeliai. Polish Journal of Environmental Studies, 2019, 28, 2765-2772.	1.2	0