

Harutyun Melikyan

List of Publications by Year in descending order

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15
papers

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1478505

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15
docs citations

15
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of photogeneration transport characteristics of a pentacene thin-film transistor at selected wavelengths. <i>Thin Solid Films</i> , 2013, 534, 503-507.	1.8	3
2	Label-free DNA microarray bioassays using a near-field scanning microwavemicroscope. <i>Biosensors and Bioelectronics</i> , 2013, 42, 326-331.	10.1	11
3	Non-invasive in vitro sensing of d-glucose in pig blood. <i>Medical Engineering and Physics</i> , 2012, 34, 299-304.	1.7	34
4	Detection of DNA-Hybridization Using a Near-Field Scanning Microwave Microscope. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 4222-4226.	0.9	6
5	Direct imaging of conductivity in pentacene field-effect transistors by a near-field scanning microwave microprobe. <i>Organic Electronics</i> , 2011, 12, 263-268.	2.6	5
6	Near-Field Microwave Microscopy for Nanoscience and Nanotechnology. <i>Nanoscience and Technology</i> , 2011, , 135-171.	1.5	8
7	Characterization of magnetoresistance hysteresis of Permalloy thin-film using near-field microwave microscope. <i>Thin Solid Films</i> , 2010, 519, 399-403.	1.8	1
8	Real-Time Noninvasive Measurement of Glucose Concentration Using a Microwave Biosensor. <i>Journal of Sensors</i> , 2010, 2010, 1-7.	1.1	42
9	Direct imaging of photoconductivity of solar cells by using a near-field scanning microwave microprobe. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	22
10	Characterization of self-assembled monolayers by using a near-field microwave scanning microprobe. <i>Thin Solid Films</i> , 2009, 517, 5597-5600.	1.8	2
11	Hard disk magnetic domain nano-spatial resolution imaging by using a near-field scanning microwave microscope with an AFM probe tip. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2483-2487.	2.3	18
12	Characterization of magnetic materials using a scanning microwave microprobe. <i>Ultramicroscopy</i> , 2008, 108, 1030-1033.	1.9	6
13	Characterization of Alq3 thin films by a near-field microwave microprobe. <i>Ultramicroscopy</i> , 2008, 108, 1058-1061.	1.9	3
14	Investigation of CdS thin films by a near-field microwave microprobe. <i>Ultramicroscopy</i> , 2008, 108, 1062-1065.	1.9	1
15	CHARACTERIZATION OF SELF-ASSEMBLED MONOLAYERS BY USING A NEAR-FIELD MICROWAVE MICROPROBE. , 2008, , .		0