

Harutyun Melikyan

List of Publications by Year in descending order

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15
papers

162
citations

1478505

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1125743

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15
all docs

15
docs citations

15
times ranked

212
citing authors

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