

Ognyan Ivanov

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

190
citations

1478505

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h-index

1199594

12
g-index

24
all docs

24
docs citations

24
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Fogs: Physical Basis, Characteristic Properties, and Impacts on the Environment and Human Health. Water (Switzerland), 2017, 9, 807.	2.7	43
2	Surface photo-charge effect in conductors. Solid State Communications, 1989, 72, 613-619.	1.9	24
3	Photon-charge effect in conductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 135, 59-61.	2.1	22
4	Surface photo-charge effect in solids. Optics Communications, 1995, 113, 509-512.	2.1	17
5	Contactless characterization of semiconductor devices using surface photocharge effect. IEEE Electron Device Letters, 1992, 13, 291-293.	3.9	13
6	Level-meter for liquids based on the surface photo-charge effect. Sensors and Actuators B: Chemical, 2001, 75, 210-212.	7.8	8
7	Investigation of liquids by photo-induced charge effect at solid-liquid interfaces. Sensors and Actuators B: Chemical, 2002, 86, 287-289.	7.8	8
8	A method for fast and contactless control of raw materials. Ceramics International, 2013, 39, 2903-2907.	4.8	8
9	Investigations on the Influence of Chemical Compounds on Fog Microphysical Parameters. Atmosphere, 2020, 11, 225.	2.3	8
10	Temperature dependence of the surface photo-charge effect in CdS. Applied Surface Science, 1999, 143, 101-103.	6.1	7
11	Application of Surface Photo Charge Effect for Milk Quality Control. Journal of Food Science, 2009, 74, R79-83.	3.1	6
12	Spectral Dependencies of the Surface Photo-Charge Effect at Conducting Surfaces. Spectroscopy Letters, 2000, 33, 393-398.	1.0	4
13	Novel electromagnetic sensor for contaminations in fog based on the laser-induced charge effect. , 2017, , .		4
14	Topographical studies of semiconductor surfaces by using a combined photo-acoustoelectric method. Applied Physics B, Photophysics and Laser Chemistry, 1987, 43, 17-21.	1.5	3
15	Contactless Spectroscopy of Deep Levels in Semiconducting Materials: GaAs. Spectroscopy Letters, 1994, 27, 1281-1288.	1.0	3
16	Automatized System for Measuring the Surface Density of Current Carriers and Electrical Permittivity of Conducting Materials. Spectroscopy Letters, 1995, 28, 1085-1094.	1.0	3
17	Experimental Investigations of Surface Photo-Charge Effect in Different Materials. Spectroscopy Letters, 1997, 30, 257-266.	1.0	3
18	Phase transition detection by surface photo charge effect in liquid crystals. Phase Transitions, 2018, 91, 449-460.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Kinetics and polarity of the transverse acoustoelectric effect in the separated-medium surface acoustic wave configuration. Journal Physics D: Applied Physics, 1985, 18, L79-L85.	2.8	2
20	Charging of solids by irradiation with electromagnetic field. Optics Communications, 2004, 232, 313-317.	2.1	1
21	Two Dimensional Scanning System for Surface Analysis of Solids Based on Laser-induced Charge Effect. , 2018, , .		0
22	Registration approach of viruses by using the electromagnetic echo effect. , 2021, , .		0