

Alexander G Sazontov

List of Publications by Year in descending order

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14
papers

335
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Source localization in a shallow-water channel with a rough surface. <i>Acoustical Physics</i> , 2015, 61, 109-116.	1.0	10
2	Matched field signal processing in underwater sound channels (Review). <i>Acoustical Physics</i> , 2015, 61, 213-230.	1.0	64
3	Statistical Prediction of Microwave Window Breakdown: Effects of RF Magnetic Field. <i>IEEE Transactions on Plasma Science</i> , 2012, 40, 451-462.	1.3	12
4	Multipactor initiation on a dielectric window: Effect of finite geometry. <i>Applied Physics Letters</i> , 2012, 101, 113506.	3.3	13
5	The susceptibility diagrams of a multipactor discharge on a dielectric: Effects of rf magnetic field. <i>Applied Physics Letters</i> , 2011, 98, 161503.	3.3	14
6	Simulations of multipactor thresholds in shielded microstrip lines. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 205204.	2.8	21
7	The Influence of Emitter and Receiver Motion on Acoustic Coherence in Shallow Water. <i>IEEE Journal of Oceanic Engineering</i> , 2009, 34, 12-23.	3.8	1
8	Multipactor Breakdown Prediction in a Rectangular Waveguide: Statistical Theory and Simulation Results. <i>Contributions To Plasma Physics</i> , 2008, 48, 331-346.	1.1	29
9	Influence of an external magnetic field on the threshold of multipactor onset on a dielectric surface. <i>Radiophysics and Quantum Electronics</i> , 2007, 50, 108-122.	0.5	8
10	Influence of the angular anisotropy of secondary emission on the characteristics of a two-sided multipactor. <i>Radiophysics and Quantum Electronics</i> , 2006, 49, 368-376.	0.5	8
11	Statistical Theory of Two-Sided Multipactor. <i>Radiophysics and Quantum Electronics</i> , 2004, 47, 580-596.	0.5	44
12	Acoustic coherence in shallow water: theory and observation. <i>IEEE Journal of Oceanic Engineering</i> , 2002, 27, 653-664.	3.8	19
13	Experimental and theoretical study of the vertical coherence of the sound field in a shallow sea. <i>Acoustical Physics</i> , 2002, 48, 263-267.	1.0	8
14	Deep-water acoustic coherence at long ranges: theoretical prediction and effects on large-array signal processing. <i>IEEE Journal of Oceanic Engineering</i> , 1999, 24, 156-171.	3.8	84