

Alexander G Sazontov

List of Publications by Year in descending order

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14
papers

335
citations

1040056

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1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

169
citing authors

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