

Alexander Samsonov

List of Publications by Year in descending order

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papers

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citations

1040056

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1281871

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g-index

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12
docs citations

12
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Splitting induced generation of soliton trains in layered waveguides. Journal of Applied Physics, 2010, 107, 034909.	2.5	34
2	Bulk strain solitary waves in bonded layered polymeric bars with delamination. Journal of Applied Physics, 2012, 112, .	2.5	34
3	Comparison of the effect of cyanoacrylate- and polyurethane-based adhesives on a longitudinal strain solitary wave in layered polymethylmethacrylate waveguides. Journal of Applied Physics, 2008, 104, 086106.	2.5	26
4	Strain solitary waves in a thin-walled waveguide. Applied Physics Letters, 2014, 105, 211906.	3.3	22
5	Evolution of bulk strain solitons in long polymeric waveguides. Technical Physics, 2008, 53, 540-546.	0.7	17
6	Longitudinal Strain Solitary Wave in a Two-Layered Polymeric Bar. Strain, 2010, 46, 589-598.	2.4	13
7	Indirect assessment of bulk strain soliton velocity in opaque solids. Applied Physics Letters, 2018, 112, .	3.3	13
8	Observation of bulk strain solitons in layered bars of different materials. Technical Physics Letters, 2014, 40, 1140-1141.	0.7	11
9	Determination of third-order elastic moduli via parameters of bulk strain solitons. Technical Physics Letters, 2016, 42, 121-123.	0.7	9
10	Bulk solitary waves in elastic solids. AIP Conference Proceedings, 2015, , .	0.4	3
11	Bulk strain solitons as a tool for determination of the third order elastic moduli of composite materials. , 2017, , .		2
12	Bulk strain solitons in rods, plates and shells. AIP Conference Proceedings, 2015, , .	0.4	1