

Tamara Knyazyan

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1937685
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2053705
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g-index

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all docs

9
docs citations

9
times ranked

27
citing authors

#	ARTICLE	IF	CITATIONS
1	Problem of plane EM wave self-action in multilayer structure: an exact solution. Optical and Quantum Electronics, 1999, 31, 1059-1072.	3.3	72
2	Modelling of linearly chirped fiber bragg gratings by the method of single expression. Optical and Quantum Electronics, 2002, 34, 481-492.	3.3	7
3	Metal-dielectric multilayer structure supporting surface plasmons: electromagnetic modelling by the method of single expression. Optical and Quantum Electronics, 2015, 47, 3-15.	3.3	6
4	Electromagnetic energy flow in confined regions of evanescent waves: wavelength-scale analysis by the method of single expression. Optical and Quantum Electronics, 2019, 51, 1.	3.3	5
5	Waveguiding characteristics of SiO ₂ cover layer upon Kretschmann structure: Numerical analysis by the method of single expression. , 2011, , .		3
6	Electromagnetic analysis of single longitudinalmode operation of DBR fiber laser: Numerical simulation by the method of single expression. , 2016, , .		2
7	The method of single expression (MSE) as a prospective modeling tool for boundary value problems: an extension from nano-optics to quantum mechanics. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
8	Conditions of surface plasmon excitation in Kretschmann structure at nonlinearity in analyte: Correct wavelength-scale analysis by the method of single expression. , 2011, , .		0
9	Stop-band optical filters protecting from harmful infrared radiation: wavelength-scale electromagnetic modelling by the method of single expression. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0