Yuri Karamzin

List of Publications by Year
in descending order

16 papers	**41** citations	1937685 **4** h-index
16 all docs	**16** docs citations	**16** times ranked

1720034 **7** g-index	**13** citing authors

#	Article	IF	Citations
1	Limitation on the efficiency of frequency doublers of picosecond light pulses. Soviet Journal of Quantum Electronics, 1975, 5, 496-500.	0.1	17
2	Numerical investigation of the operation of unstable telescopic resonators allowing for diffraction and saturation in the active medium. Soviet Journal of Quantum Electronics, 1975, 5, 144-148.	0.1	6
3	Incompressible Viscous Flow Simulation Using the Quasi-Hydrodynamic Equations' System. Mathematical Models and Computer Simulations, 2020, 12, 553-560.	0.5	6
4	Exponential difference schemes for solving boundary-value problems for convection-diffusion type equations. Mathematical Models and Computer Simulations, 2017, 9, 71-82.	0.5	5
5	New additive difference method for solving semiconductor problems. Russian Journal of Numerical Analysis and Mathematical Modelling, 1996, 11, .	0.6	3
6	Compensation of nonlinear distortions of optical radiation. Soviet Journal of Quantum Electronics, 1984, 14, 470-474.	0.1	2
7	Existence of parametrically bound waveguides and solitons in the presence of three-frequency wave interaction. Journal of Applied Mechanics and Technical Physics, 1977, 18, 39-43.	0.5	1
8	Self-interaction of optical beams under resonance absorption conditions. Soviet Journal of Quantum Electronics, 1980, 10, 411-416.	0.1	1
9	Existence of three-frequency solition solutions in the second approximation of dispersion theory. Radiophysics and Quantum Electronics, 1978, 21, 318-320.	0.5	0
10	Modification of conditions for optimal focusing of high-power laser beams under frequency doubling conditions. Soviet Journal of Quantum Electronics, 1978, 8, 272-273.	0.1	0
11	Nonlinear distortions of hyper-Gaussian beams. Radiophysics and Quantum Electronics, 1984, 27, 905-909.	0.5	0
12	Clearing of moving liquid-drop medium by powerful optical radiation with allowance for thermal self-action. Journal of Soviet Laser Research, 1984, 5, 212-214.	0.2	0
13	Difference schemes for optical thermal blooming problems. Russian Journal of Numerical Analysis and Mathematical Modelling, 1992, 7, .	0.6	0
14	ON NEW ADDITIVE DIFFERENCE METHOD FOR PARABOLIC EQUATIONS. Mathematical Models and Methods in Applied Sciences, 1996, 06, 353-363.	3.3	0
15	Multiscale Simulation of Gas Cleaning Processes. Mathematical Models and Computer Simulations, 2020, 12, 302-315.	0.5	0
16	Simulation of Electron Transport in Semiconductor Microstructures: Field Emission from Nanotip. , 2001, , 79-89.		0