

# Georgios Fotopoulos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7915069/publications.pdf>

Version: 2024-02-01

10  
papers

60  
citations

1478280

6  
h-index

1588896

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct and inverse scattering for nonlinear Schrödinger equation in 2D. Journal of Mathematical Physics, 2012, 53, .	0.5	12
2	Inverse scattering with fixed observation angle data in 2D. Inverse Problems in Science and Engineering, 2017, 25, 1492-1507.	1.2	8
3	Inverse fixed angle scattering and backscattering for a nonlinear Schrödinger equation in 2D. Inverse Problems and Imaging, 2013, 7, 183-197.	0.6	8
4	Inverse fixed energy scattering problem for the two-dimensional nonlinear Schrödinger operator. Inverse Problems in Science and Engineering, 2016, 24, 692-710.	1.2	7
5	Spatiotemporal algebraically localized waveforms for a nonlinear Schrödinger model with gain and loss. Physica D: Nonlinear Phenomena, 2017, 355, 24-33.	1.3	7
6	Extreme wave events for a nonlinear Schrödinger equation with linear damping and Gaussian driving. Communications in Nonlinear Science and Numerical Simulation, 2020, 82, 105058.	1.7	7
7	Collapse dynamics for the discrete nonlinear Schrödinger equation with gain and loss. Communications in Nonlinear Science and Numerical Simulation, 2019, 72, 213-231.	1.7	5
8	The linearly damped nonlinear Schrödinger equation with localized driving: spatiotemporal decay estimates and the emergence of extreme wave events. Zeitschrift Fur Angewandte Mathematik Und Physik, 2020, 71, 1.	0.7	3
9	Numerical Solution of Direct and Inverse Scattering Problems in 1D with a General Nonlinearity. Computational Methods in Applied Mathematics, 2014, 14, 347-359.	0.4	2
10	Some Recent Advances in Nonlinear Inverse Scattering in 2D: Theory and Numerics. , 0, , .		1