

# Alexey Samokhin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7130419/publications.pdf>

Version: 2024-02-01

10  
papers

46  
citations

1684188

5  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

10  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear waves in layered media: Solutions of the KdV–Burgers equation. Journal of Geometry and Physics, 2018, 130, 33-39.	1.4	12
2	On nonlinear superposition of the KdV–Burgers shock waves and the behavior of solitons in a layered medium. Differential Geometry and Its Applications, 2017, 54, 91-99.	0.5	9
3	Periodic boundary conditions for KdV–Burgers equation on an interval. Journal of Geometry and Physics, 2017, 113, 250-256.	1.4	7
4	Gradient catastrophes and sawtooth solutions for a generalized Burgers equation on an interval. Journal of Geometry and Physics, 2014, 85, 177-184.	1.4	6
5	The KdV soliton crosses a dissipative and dispersive border. Differential Geometry and Its Applications, 2021, 75, 101723.	0.5	6
6	Soliton transmutations in KdV–Burgers layered media. Journal of Geometry and Physics, 2020, 148, 103547.	1.4	4
7	On Monotonic Pattern in Periodic Boundary Solutions of Cylindrical and Spherical Kortweg–De Vries–Burgers Equations. Symmetry, 2021, 13, 220.	2.2	1
8	On Connection Between the Splitting Parameters of KdV Initial Datum and Its Conserved Quantities. Lobachevskii Journal of Mathematics, 2020, 41, 2482-2490.	0.9	1
9	Singular Controls For Increasing Oil Recovery Of Natural Oil Deposits. , 2020, , .		0
10	Nonlinear Wave Control Actions To Increase Oil Recovery Of Natural Oil Deposits. , 2020, , .		0