

Sergey Tychkov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3343961/publications.pdf>

Version: 2024-02-01

17
papers

43
citations

1937685

4
h-index

1872680

6
g-index

17
all docs

17
docs citations

17
times ranked

8
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of equations of state for viscous fluids. Doklady Mathematics, 2017, 95, 172-175.	0.6	7
2	Continuum mechanics of media with inner structures. Differential Geometry and Its Applications, 2021, 74, 101703.	0.5	7
3	Differential invariants for flows of viscid fluids. Journal of Geometry and Physics, 2017, 121, 309-316.	1.4	4
4	Differential invariants for spherical layer flows of viscid fluids. Journal of Geometry and Physics, 2018, 130, 288-292.	1.4	4
5	Symmetries and Differential Invariants for Inviscid Flows on a Curve. Lobachevskii Journal of Mathematics, 2020, 41, 2435-2447.	0.9	4
6	Travelling wave solution of the Buckleyâ€“Leverett equation. Analysis and Mathematical Physics, 2017, 7, 449-458.	1.3	3
7	Differential invariants for plane flows of viscid fluids. Lobachevskii Journal of Mathematics, 2017, 38, 644-652.	0.9	3
8	Quotients of Euler Equations on Space Curves. Symmetry, 2021, 13, 186.	2.2	3
9	Differential invariants for spherical flows of a viscid fluid. Journal of Geometry and Physics, 2018, 124, 436-441.	1.4	2
10	Differential Invariants for Spherical Flows of Inviscid Fluid. Lobachevskii Journal of Mathematics, 2018, 39, 655-663.	0.9	2
11	Symmetry classification of viscid flows on space curves. Journal of Geometry and Physics, 2021, 160, 103997.	1.4	2
12	Differential invariants for plane flows of inviscid fluids. Analysis and Mathematical Physics, 2018, 8, 135-154.	1.3	1
13	Differential Invariants for Flows of Fluids and Gases. Tutorials, Schools, and Workshops in the Mathematical Sciences, 2021, , 187-231.	0.3	1
14	Travelling-wave solution in the Rapoportâ€“Leas model. Analysis and Mathematical Physics, 2018, 8, 85-91.	1.3	0
15	Differential invariants for spherical layer flows of inviscid fluids. Analysis and Mathematical Physics, 2019, 9, 1819-1829.	1.3	0
16	Quotients of Navierâ€“Stokes equation on space curves. Analysis and Mathematical Physics, 2021, 11, 1.	1.3	0
17	Quotient of the Euler system on one class of curves. Journal of Geometry and Physics, 2022, 173, 104432.	1.4	0