

Stephen J Walters

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4540824/publications.pdf>

Version: 2024-02-01

15
papers

70
citations

2258059

3
h-index

2053705

5
g-index

15
all docs

15
docs citations

15
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	An extended Boussinesq theory for interfacial fluid mechanics. Journal of Engineering Mathematics, 2022, 133, 1.	1.2	1
2	The Rayleigh–Taylor instability in a porous medium. SN Applied Sciences, 2021, 3, 1.	2.9	7
3	Large-Amplitude Elastic Free-Surface Waves: Geometric Nonlinearity and Peakons. Journal of Elasticity, 2021, 146, 1-27.	1.9	0
4	IDEAL PLANAR FLUID FLOW OVER A SUBMERGED OBSTACLE: REVIEW AND EXTENSION. ANZIAM Journal, 2021, 63, 377-419.	0.2	0
5	Instability of a dense seepage layer on a sloping boundary. Journal of Fluid Mechanics, 2020, 886, .	3.4	0
6	Analytic and numerical solutions to the seismic wave equation in continuous media. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200636.	2.1	1
7	AXISYMMETRIC PLUMES IN VISCOUS FLUIDS. ANZIAM Journal, 2019, 61, 119-147.	0.2	1
8	FULLY 3D RAYLEIGH–TAYLOR INSTABILITY IN A BOUSSINESQ FLUID. ANZIAM Journal, 2019, 61, 286-304.	0.2	4
9	A simple exact series representation for relativistic perihelion advance. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3747-3748.	4.4	3
10	A Simple and Practical Algorithm for Accurate Gravitational Magnification Maps. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	23
11	A Note on the Overall Magnification of a Gravitational Point-Source–Point-Lens System. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	0
12	Rotating gravitational lenses: a kinematic approach. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2470-2486.	4.4	2
13	A note on a linearized approach to gravitational lensing. Monthly Notices of the Royal Astronomical Society, 2011, 416, 3067-3074.	4.4	25
14	A kinematical approach to gravitational lensing using new formulae for refractive index and acceleration. Monthly Notices of the Royal Astronomical Society, 2010, 409, 953-962.	4.4	3
15	Ideal planar fluid flow over a submerged obstacle: Review and extension. ANZIAM Journal, 0, 63, 377-419.	0.0	0