

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