

# Prakash Kar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/197412/publications.pdf>

Version: 2024-02-01

10  
papers

179  
citations

1478505

6  
h-index

1720034

7  
g-index

15  
all docs

15  
docs citations

15  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexural-gravity wave motion in the presence of shear current: Wave blocking and negative energy waves. <i>Physics of Fluids</i> , 2018, 30, .	4.0	39
2	Bragg scattering of long waves by an array of floating flexible plates in the presence of multiple submerged trenches. <i>Physics of Fluids</i> , 2020, 32, .	4.0	37
3	Scattering of surface gravity waves over a pair of trenches. <i>Applied Mathematical Modelling</i> , 2018, 62, 303-320.	4.2	30
4	Effect of Bragg scattering due to bottom undulation on a floating dock. <i>Wave Motion</i> , 2019, 90, 121-138.	2.0	30
5	Bragg scattering of long waves by an array of trenches. <i>Ocean Engineering</i> , 2020, 198, 107004.	4.3	25
6	Oblique Wave Scattering by a Floating Bridge in the Presence of a Vertical Permeable Flexible Barrier. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2021, 143, .	1.2	11
7	Bragg Scattering of Surface Gravity Waves Due to Multiple Bottom Undulations and a Semi-Infinite Floating Flexible Structure. <i>Water (Switzerland)</i> , 2021, 13, 2349.	2.7	7
8	Solution of Nonlinear Fractional Diffusion Equation Using Similarity Transform and Homotopy Analysis Method. <i>International Review of Chemical Engineering (IRECHE)</i> , 2015, 7, 22.	0.0	0
9	10.1063/5.0017930.2. , 2020, , .		0
10	Four-wave interactions: islands of stability surrounded by instability. <i>Nonlinear Dynamics</i> , 0, , .	5.2	0