

# Vishal Vasan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/760161/publications.pdf>

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12  
papers

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citations

1478505

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1281871

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12  
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docs citations

12  
times ranked

100  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Method of Fokas for Solving Linear Partial Differential Equations. SIAM Review, 2014, 56, 159-186.	9.5	88
2	Accurate solution method for the Maxey-Riley equation, and the effects of Basset history. Journal of Fluid Mechanics, 2019, 868, 428-460.	3.4	27
3	The inverse water wave problem of bathymetry detection. Journal of Fluid Mechanics, 2013, 714, 562-590.	3.4	23
4	Fokas's Unified Transform Method for linear systems. Quarterly of Applied Mathematics, 2017, 76, 463-488.	0.7	14
5	The Bernoulli boundary condition for traveling water waves. Applied Mathematics Letters, 2013, 26, 515-519.	2.7	8
6	Water-wave profiles from pressure measurements: Extensions. Applied Mathematics Letters, 2017, 68, 175-180.	2.7	6
7	A method to recover water-wave profiles from pressure measurements. Wave Motion, 2017, 75, 25-35.	2.0	6
8	A new equation describing travelling water waves. Journal of Fluid Mechanics, 2013, 717, 514-522.	3.4	4
9	Spatio-temporal relationships between rainfall and convective clouds during Indian monsoon through a discrete lens. International Journal of Climatology, 2021, 41, 1351-1368.	3.5	3
10	Impact of freely falling liquid containers and subsequent jetting. Experiments in Fluids, 2022, 63, .	2.4	2
11	Provable bounds for the Korteweg-de Vries reduction in multi-component nonlinear Schrödinger equation. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 135206.	2.1	1
12	Soliton-like behaviour in non-integrable systems. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 425701.	2.1	0