

# Marcelo Velloso Flamarion Vasconcellos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/305064/publications.pdf>

Version: 2024-02-01

10  
papers

64  
citations

1684188

5  
h-index

1588992

8  
g-index

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rotational waves generated by current–topography interaction. <i>Studies in Applied Mathematics</i> , 2019, 142, 433-464.	2.4	23
2	Solitary water wave interactions for the forced Korteweg–de Vries equation. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	9
3	Gravity–capillary flows over obstacles for the fifth-order forced Korteweg–de Vries equation. <i>Journal of Engineering Mathematics</i> , 2021, 129, 1.	1.2	8
4	Trapped solitary-wave interaction for Euler equations with low-pressure region. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	5
5	Generation of trapped depression solitary waves in gravity-capillary flows over an obstacle. <i>Computational and Applied Mathematics</i> , 2022, 41, 1.	2.2	5
6	Time-dependent Kelvin cat-eye structure due to current–topography interaction. <i>Journal of Fluid Mechanics</i> , 2020, 889, .	3.4	4
7	Rotational flows over obstacles in the forced Korteweg-de Vries framework. <i>Selecciones Matemáticas</i> , 2021, 8, 125-130.	0.2	3
8	An iterative method to compute conformal mappings and their inverses in the context of water waves over topographies. <i>International Journal for Numerical Methods in Fluids</i> , 2021, 93, 3304-3311.	1.6	3
9	Trapped waves generated by an accelerated moving disturbance for the Whitham equation. <i>Partial Differential Equations in Applied Mathematics</i> , 2022, 5, 100356.	2.4	3
10	Gravity–capillary wave interactions generated by moving disturbances: Euler equations framework. <i>Journal of Engineering Mathematics</i> , 2022, 132, 1.	1.2	1