

# Benedetta Calusi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2138582/publications.pdf>

Version: 2024-02-01

10  
papers

60  
citations

1684188

5  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Tsunamis Generated by Submarine Landslides at Stromboli Volcano (Aeolian Islands, Italy): A Numerical Benchmark Study. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	17
2	The 79 CE eruption of Vesuvius: A lesson from the past and the need of a multidisciplinary approach for developments in volcanology. <i>Earth-Science Reviews</i> , 2022, 231, 104072.	9.1	12
3	Stability of laminar viscoplastic flows down an inclined open channel. <i>European Journal of Mechanics, B/Fluids</i> , 2022, 95, 137-147.	2.5	6
4	Plant root penetration and growth as a mechanical inclusion problem. <i>International Journal of Non-Linear Mechanics</i> , 2020, 120, 103344.	2.6	5
5	PyTirCam-1.0: A Python Model to Manage Thermal Infrared Camera Data. <i>Remote Sensing</i> , 2020, 12, 4056.	4.0	5
6	Long-wave instability of a regularized Bingham flow down an incline. <i>Physics of Fluids</i> , 2022, 34, .	4.0	5
7	On a free boundary problem arising in snow avalanche dynamics. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2016, 96, 453-465.	1.6	4
8	Load Sensor Instability and Optimization of MEMS-based Tensile Testing Devices. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	4
9	A Biomechanical Characterization of Plant Root Tissues by Dynamic Nanoindentation Technique for Biomimetic Technologies. <i>Lecture Notes in Computer Science</i> , 2017, , 532-536.	1.3	2
10	A simplified mechanical model for explaining fast-rising jǎŕkulhlaups. <i>Applications in Engineering Science</i> , 2020, 3, 100013.	0.8	0