

# Miguel Ángel Celigueta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11103003/publications.pdf>

Version: 2024-02-01

12  
papers

343  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Possibilities of the particle finite element method for fluid-soil-structure interaction problems. Computational Mechanics, 2011, 48, 307-318.	4.0	142
2	A local constitutive model for the discrete element method. Application to geomaterials and concrete. Computational Particle Mechanics, 2015, 2, 139-160.	3.0	70
3	Lagrangian analysis of multiscale particulate flows with the particle finite element method. Computational Particle Mechanics, 2014, 1, 85-102.	3.0	46
4	A bonded discrete element method for modeling ship-ice interactions in broken and unbroken sea ice fields. Computational Particle Mechanics, 2019, 6, 739-765.	3.0	29
5	A FEM-DEM technique for studying the motion of particles in non-Newtonian fluids. Application to the transport of drill cuttings in wellbores. Computational Particle Mechanics, 2016, 3, 263-276.	3.0	17
6	A modular, partitioned, discrete element framework for industrial grain distribution systems with rotating machinery. Computational Particle Mechanics, 2017, 4, 181-198.	3.0	13
7	Air demand estimation in bottom outlets with the particle finite element method. Computational Particle Mechanics, 2017, 4, 345-356.	3.0	9
8	Shockwaves in spillways with the particle finite element method. Computational Particle Mechanics, 2020, 7, 87-99.	3.0	5
9	Partitioned Strong Coupling of Discrete Elements with Large Deformation Structural Finite Elements to Model Impact on Highly Flexible Tension Structures. Advances in Civil Engineering, 2020, 2020, 1-28.	0.7	5
10	PFEM-DEM for particle-laden flows with free surface. Computational Particle Mechanics, 2020, 7, 101-120.	3.0	4
11	Digital Solutions Using Advanced Computational Techniques to Simulate Hole Cleaning. , 2019, , .		3
12	Development of New Lagrangian Computational Methods for Ice-Ship Interaction Problems: NICESHIP Project. Computational Methods in Applied Sciences (Springer), 2020, , 121-153.	0.3	0