

Paul Vigneaux

List of Publications by Year in descending order

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9
papers

170
citations

1478505
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1588992
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9
all docs

9
docs citations

9
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Population parametrization of costly black box models using iterations between SAEM algorithm and kriging. Computational and Applied Mathematics, 2018, 37, 161-173.	1.3	1
2	Efficient numerical schemes for viscoplastic avalanches. Part 2: The 2D case. Journal of Computational Physics, 2018, 353, 460-490.	3.8	3
3	Flow of a yield-stress fluid over a cavity: Experimental and numerical investigation of a viscoplastic boundary layer. Journal of Non-Newtonian Fluid Mechanics, 2018, 261, 38-49.	2.4	7
4	Augmented Lagrangian simulations study of yield-stress fluid flows in expansion-contraction and comparisons with physical experiments. Journal of Non-Newtonian Fluid Mechanics, 2017, 239, 35-52.	2.4	12
5	Some Remarks on Avalanches Modelling: An Introduction to Shallow Flows Models. SEMA SIMAI Springer Series, 2014, , 51-106.	0.7	0
6	Efficient numerical schemes for viscoplastic avalanches. Part 1: The 1D case. Journal of Computational Physics, 2014, 264, 55-90.	3.8	15
7	A mathematical model for mechanotransduction at the early steps of suture formation. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122670.	2.6	32
8	A Well-balanced Finite Volume-Augmented Lagrangian Method for an Integrated Herschel-Bulkley Model. Journal of Scientific Computing, 2012, 53, 608-641.	2.3	14
9	On stability condition for bifluid flows with surface tension: Application to microfluidics. Journal of Computational Physics, 2008, 227, 6140-6164.	3.8	86