

Susanne Claus

List of Publications by Year in descending order

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9
papers

583
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	CutFEM: Discretizing geometry and partial differential equations. International Journal for Numerical Methods in Engineering, 2015, 104, 472-501.	2.8	479
2	A CutFEM method for two-phase flow problems. Computer Methods in Applied Mechanics and Engineering, 2019, 348, 185-206.	6.6	27
3	A stable and optimally convergent LaTnâ€CutFEM algorithm for multiple unilateral contact problems. International Journal for Numerical Methods in Engineering, 2018, 113, 938-966.	2.8	24
4	CutFEM Method for Stefan–Signorini Problems with Application in Pulsed Laser Ablation. SIAM Journal of Scientific Computing, 2018, 40, B1444-B1469.	2.8	19
5	A simple and robust computational homogenization approach for heterogeneous particulate composites. Computer Methods in Applied Mechanics and Engineering, 2019, 349, 45-90.	6.6	16
6	A cut finite element method for spatially resolved energy metabolism models in complex neuro-cell morphologies with minimal remeshing. Advanced Modeling and Simulation in Engineering Sciences, 2021, 8, .	1.7	9
7	Contact modeling from images using cut finite element solvers. Advanced Modeling and Simulation in Engineering Sciences, 2021, 8, .	1.7	5
8	Fictitious domain method with boundary value correction using penalty-free Nitsche method. Journal of Numerical Mathematics, 2017, .	3.5	2
9	Adaptivity in Bayesian Inverse Finite Element Problems: Learning and Simultaneous Control of Discretisation and Sampling Errors. Materials, 2019, 12, 642.	2.9	2