

Paul Hennig

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

250
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-field modelling of interface failure in brittle materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 346, 25-42.	6.6	90
2	A convergence study of phase-field models for brittle fracture. <i>Engineering Fracture Mechanics</i> , 2017, 184, 307-318.	4.3	58
3	A Selection of Benchmark Problems in Solid Mechanics and Applied Mathematics. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 713-751.	10.2	36
4	Adaptive mesh refinement strategies in isogeometric analysis – A computational comparison. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2017, 316, 424-448.	6.6	34
5	Additive manufacturing applications of phase-field based topology optimization using adaptive isogeometric analysis. <i>GAMM Mitteilungen</i> , 2021, 44, e202100013.	5.5	13
6	A numerical analysis of the fracture toughness in phase-field modelling of adhesive fracture. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2017, 17, 249-250.	0.2	11
7	A diffuse modeling approach for embedded interfaces in linear elasticity. <i>GAMM Mitteilungen</i> , 2020, 43, e202000001.	5.5	7
8	Projection Methods in Adaptive Isogeometric Analysis and its Application to Topology Optimization. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2021, 20, .	0.2	1
9	Adaptive isogeometric discretizations for diffuse modeling of discontinuities. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900421.	0.2	0
10	An Adaptive Isogeometric Phase-Field Model for Topology Optimization. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2021, 20, e202000218.	0.2	0