Paul Hennig

List of Publications by Year
in descending order

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