Gerhard Starke

List of Publications by Year
in descending order

11 papers	214 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	102 citing authors

#	Article	IF	Citations
1	Weakly symmetric stress equilibration and a posteriori error estimation for linear elasticity. Numerical Methods for Partial Differential Equations, 2021, 37, 2783-2802.	3.6	6
2	Weakly symmetric stress equilibration for hyperelastic material models. GAMM Mitteilungen, 2020, 43, e202000007.	5.5	5
3	A Posteriori Error Estimation for Planar Linear Elasticity by Stress Reconstruction. Computational Methods in Applied Mathematics, 2019, 19, 663-679.	0.8	10
4	A Prangeâ€"Hellingerâ€"Reissner type finite element formulation for small strain elasto-plasticity. Computer Methods in Applied Mechanics and Engineering, 2017, 317, 400-418.	6.6	12
5	An adaptive leastâ€squares mixed finite element method for the Signorini problem. Numerical Methods for Partial Differential Equations, 2017, 33, 276-289.	3.6	6
6	Parametric Raviart--Thomas Elements for Mixed Methods on Domains with Curved Surfaces. SIAM Journal on Numerical Analysis, 2016, 54, 3648-3667.	2.3	13
7	A First-Order System Least Squares Method for Hyperelasticity. SIAM Journal of Scientific Computing, 2014, 36, B795-B816.	2.8	16
8	First-Order System Least Squares on Curved Boundaries: Lowest-Order Raviart--Thomas Elements. SIAM Journal on Numerical Analysis, 2014, 52, 880-894.	2.3	15
9	First-Order System Least Squares for the Signorini Contact Problem in Linear Elasticity. SIAM Journal on Numerical Analysis, 2009, 47, 3027-3043.	2.3	6
10	An Adaptive Leastâ€Squares Mixed Finite Element Method for Elastoâ€Plasticity. SIAM Journal on Numerical Analysis, 2007, 45, 371-388.	2.3	30
11	Least-Squares Methods for Linear Elasticity. SIAM Journal on Numerical Analysis, 2004, 42, 826-842.	2.3	95