Uwe Kã¶cher

List of Publications by Year
in descending order

11	252	1163117	1372567
papers	citations	8	10
		h-index	g-index

11	11	11	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The deal.II library, Version 9.3. Journal of Numerical Mathematics, 2021, 29, 171-186.	3.5	92
2	Spaceâ€"time finite element approximation of the Biot poroelasticity system with iterative coupling. Computer Methods in Applied Mechanics and Engineering, 2017, 320, 745-768.	6.6	69
3	Variational Spaceâ€"Time Methods for the Wave Equation. Journal of Scientific Computing, 2014, 61, 424-453.	2.3	32
4	Error analysis for discretizations of parabolic problems using continuous finite elements in time and mixed finite elements in space. Numerische Mathematik, 2017, 137, 773-818.	1.9	16
5	Efficient and scalable data structures and algorithms for goal-oriented adaptivity of spaceâ€"time FEM codes. SoftwareX, 2019, 10, 100239.	2.6	13
6	Variational time discretization for mixed finite element approximations of nonstationary diffusion problems. Journal of Computational and Applied Mathematics, 2015, 289, 208-224.	2.0	10
7	Post-processed Galerkin approximation of improved order for wave equations. Mathematics of Computation, 2019, 89, 595-627.	2.1	9
8	Flexible goal-oriented adaptivity for higher-order spaceâ€"time discretizations of transport problems with coupled flow. Computers and Mathematics With Applications, 2021, 91, 17-35.	2.7	8
9	Numerical Investigation on the Fixed-Stress Splitting Scheme for Biotâ€™s Equations: Optimality of the Tuning Parameter. Lecture Notes in Computational Science and Engineering, 2019, , 789-797.	0.3	2
10	Iterative Coupling of Variational Space-Time Methods for Biotâ€™s System of Poroelasticity. Lecture Notes in Computational Science and Engineering, 2016, , 143-151.	0.3	1
11	Influence of the SIPG Penalisation on the Numerical Properties of Linear Systems for Elastic Wave Propagation. Lecture Notes in Computational Science and Engineering, 2019, , 215-223.	0.3	0