

Michel Kern

List of Publications by Year in descending order

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15
papers

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citations

1163117

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15
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Inversion of reflection seismograms by differential semblance analysis: algorithm structure and synthetic examples. <i>Geophysical Prospecting</i> , 1994, 42, 565-614.	1.9	84
2	Space-Time Domain Decomposition Methods for Diffusion Problems in Mixed Formulations. <i>SIAM Journal on Numerical Analysis</i> , 2013, 51, 3532-3559.	2.3	41
3	A global strategy for solving reactive transport equations. <i>Journal of Computational Physics</i> , 2009, 228, 6395-6410.	3.8	36
4	Reactive transport benchmark of MoMaS. <i>Computational Geosciences</i> , 2010, 14, 385-392.	2.4	36
5	Space-Time Domain Decomposition for Reduced Fracture Models in Mixed Formulation. <i>SIAM Journal on Numerical Analysis</i> , 2016, 54, 288-316.	2.3	32
6	The COUPLEX Test Cases: Nuclear Waste Disposal Simulation. <i>Computational Geosciences</i> , 2004, 8, 83-98.	2.4	28
7	A global method for coupling transport with chemistry in heterogeneous porous media. <i>Computational Geosciences</i> , 2010, 14, 465-481.	2.4	18
8	Space-time domain decomposition for advection-diffusion problems in mixed formulations. <i>Mathematics and Computers in Simulation</i> , 2017, 137, 366-389.	4.4	13
9	Hole geometry and anisotropic effects on tube-wave propagation: A quasi-static study. <i>Geophysics</i> , 1990, 55, 167-175.	2.6	8
10	A Posteriori Stopping Criteria for Optimized Schwarz Domain Decomposition Algorithms in Mixed Formulations. <i>Computational Methods in Applied Mathematics</i> , 2018, 18, 495-519.	0.8	7
11	The electric field in the conductive half space as a model in mining and petroleum prospecting. <i>Mathematical Methods in the Applied Sciences</i> , 1989, 11, 373-401.	2.3	6
12	Numerical solution of Maxwell's equations in a conductive and polarizable medium. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1989, 75, 11-25.	6.6	5
13	Space-time domain decomposition for two-phase flow between different rock types. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 371, 113294.	6.6	4
14	Special Issue on Simulation of Transport around a Nuclear Waste Disposal Site: The COUPLEX Test Cases. <i>Computational Geosciences</i> , 2004, 8, 81-82.	2.4	3
15	Jacobian Free Methods for Coupling Transport with Chemistry in Heterogenous Porous Media. <i>Water (Switzerland)</i> , 2021, 13, 370.	2.7	3