

Po-Wei Li

List of Publications by Year in descending order

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25
papers

648
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567144

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25
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25
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	A generalized finite difference method for solving biharmonic interface problems. <i>Engineering Analysis With Boundary Elements</i> , 2022, 135, 132-144.	2.0	6
2	The space-time generalized finite difference scheme for solving the nonlinear equal-width equation in the long-time simulation. <i>Applied Mathematics Letters</i> , 2022, 132, 108181.	1.5	15
3	A space-time generalized finite difference method for solving unsteady double-diffusive natural convection in fluid-saturated porous media. <i>Engineering Analysis With Boundary Elements</i> , 2022, 142, 138-152.	2.0	8
4	Estimation of Tumor Characteristics in a Skin Tissue by a Meshless Collocation Solver. <i>International Journal of Computational Methods</i> , 2021, 18, 2041009.	0.8	7
5	Space-time generalized finite difference nonlinear model for solving unsteady Burgers' equations. <i>Applied Mathematics Letters</i> , 2021, 114, 106896.	1.5	47
6	Local non-singular knot method for large-scale computation of acoustic problems in complicated geometries. <i>Computers and Mathematics With Applications</i> , 2021, 84, 128-143.	1.4	13
7	Localized method of fundamental solutions for two- and three-dimensional transient convection-diffusion-reaction equations. <i>Engineering Analysis With Boundary Elements</i> , 2021, 124, 237-244.	2.0	17
8	Bending analysis of simply supported and clamped thin elastic plates by using a modified version of the LMFS. <i>Mathematics and Computers in Simulation</i> , 2021, 185, 347-357.	2.4	10
9	Localized singular boundary method for solving Laplace and Helmholtz equations in arbitrary 2D domains. <i>Engineering Analysis With Boundary Elements</i> , 2021, 129, 82-92.	2.0	14
10	A meshless generalized finite difference method for solving shallow water equations with the flux limiter technique. <i>Engineering Analysis With Boundary Elements</i> , 2021, 131, 159-173.	2.0	24
11	A generalized finite difference method for solving Stokes interface problems. <i>Engineering Analysis With Boundary Elements</i> , 2021, 132, 50-64.	2.0	13
12	A semi-Lagrangian meshless framework for numerical solutions of two-dimensional sloshing phenomenon. <i>Engineering Analysis With Boundary Elements</i> , 2020, 112, 58-67.	2.0	41
13	Generalized finite difference method for solving stationary 2D and 3D Stokes equations with a mixed boundary condition. <i>Computers and Mathematics With Applications</i> , 2020, 80, 1726-1743.	1.4	32
14	Solving Boussinesq equations with a meshless finite difference method. <i>Ocean Engineering</i> , 2020, 198, 106957.	1.9	15
15	The generalized finite difference method for the inverse Cauchy problem in two-dimensional isotropic linear elasticity. <i>International Journal of Solids and Structures</i> , 2019, 174-175, 69-84.	1.3	45
16	Numerical solutions of the coupled unsteady nonlinear convection-diffusion equations based on generalized finite difference method. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	30
17	Numerical solutions of mild slope equation by generalized finite difference method. <i>Engineering Analysis With Boundary Elements</i> , 2018, 88, 1-13.	2.0	10
18	Generalized finite difference method for solving the double-diffusive natural convection in fluid-saturated porous media. <i>Engineering Analysis With Boundary Elements</i> , 2018, 95, 175-186.	2.0	28

#	ARTICLE	IF	CITATIONS
19	Generalized finite difference method for two-dimensional shallow water equations. <i>Engineering Analysis With Boundary Elements</i> , 2017, 80, 58-71.	2.0	77
20	Application of generalized finite difference method to propagation of nonlinear water waves in numerical wave flume. <i>Ocean Engineering</i> , 2016, 123, 278-290.	1.9	24
21	Simulation of two-dimensional sloshing phenomenon by generalized finite difference method. <i>Engineering Analysis With Boundary Elements</i> , 2016, 63, 82-91.	2.0	31
22	Numerical Solutions of Direct and Inverse Stokes Problems by the Method of Fundamental Solutions and the Laplacian Decomposition. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2015, 68, 204-223.	0.6	10
23	Generalized finite difference method for solving two-dimensional inverse Cauchy problems. <i>Inverse Problems in Science and Engineering</i> , 2015, 23, 737-759.	1.2	56
24	Generalized Finite Difference Method for Solving Two-dimensional Burgers's Equations. <i>Procedia Engineering</i> , 2014, 79, 55-60.	1.2	25
25	Application of the Generalized Finite-Difference Method to Inverse Biharmonic Boundary-Value Problems. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2014, 65, 129-154.	0.6	50