

List of Publications by Year in descending order

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1,040
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471371

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638
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#	ARTICLE	IF	CITATIONS
1	Analysis of transient uncoupled thermoelastic problems involving moving point heat sources using the method of fundamental solutions. <i>Engineering Analysis With Boundary Elements</i> , 2021, 123, 122-132.	2.0	6
2	Three-dimensional analysis of heat conduction in anisotropic composites with thin adhesive/interstitial media by the boundary element method. <i>Engineering Analysis With Boundary Elements</i> , 2021, 123, 36-47.	2.0	8
3	A modification of the method of fundamental solutions for solving 2D problems with concave and complicated domains. <i>Engineering Analysis With Boundary Elements</i> , 2021, 123, 168-181.	2.0	3
4	The identification of the unloaded configuration of breast tissue with unknown non-homogenous stiffness parameters using surface measured data in deformed configuration. <i>Computers in Biology and Medicine</i> , 2021, 128, 104107.	3.9	3
5	The method of fundamental solutions for anisotropic thermoelastic problems. <i>Applied Mathematical Modelling</i> , 2021, 95, 200-218.	2.2	7
6	An efficient boundary-type meshfree method for analysis of two-dimensional laser heating problems. <i>Engineering Analysis With Boundary Elements</i> , 2021, 132, 460-468.	2.0	6
7	A practical meshfree inverse method for identification of thermo-mechanical fracture load of a body by examining the crack path in the body. <i>Engineering Analysis With Boundary Elements</i> , 2021, 133, 236-247.	2.0	10
8	A meshfree method with dynamic node reconfiguration for analysis of thermo-elastic problems with moving concentrated heat sources. <i>Applied Mathematical Modelling</i> , 2020, 79, 624-638.	2.2	11
9	Load identification for a viscoelastic solid by an accurate meshfree sensitivity analysis. <i>Engineering Structures</i> , 2020, 203, 109895.	2.6	17
10	Two-dimensional elastodynamic and free vibration analysis by the method of fundamental solutions. <i>Engineering Analysis With Boundary Elements</i> , 2020, 117, 188-201.	2.0	9
11	A robust meshfree method for analysis of cohesive crack propagation problems. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 104, 102328.	2.1	14
12	A strong-form meshfree method for stress analysis of hyperelastic materials. <i>Engineering Analysis With Boundary Elements</i> , 2019, 109, 32-42.	2.0	17
13	An inverse meshfree method for heat flux identification based on strain measurement. <i>International Journal of Thermal Sciences</i> , 2019, 144, 50-66.	2.6	9
14	An improved time domain meshfree method for analysis of quasi-static and dynamic inhomogeneous viscoelastic problems. <i>Engineering Analysis With Boundary Elements</i> , 2019, 106, 59-67.	2.0	10
15	Thermal Stress Analysis of 3D Anisotropic Materials Involving Domain Heat Source by the Boundary Element Method. <i>Journal of Mechanics</i> , 2019, 35, 839-850.	0.7	2
16	Enhanced meshfree method with new correlation functions for functionally graded plates using a refined inverse sin shear deformation plate theory. <i>European Journal of Mechanics, A/Solids</i> , 2019, 74, 160-175.	2.1	23
17	Load identification for viscoplastic materials with some unknown material parameters. <i>International Journal of Mechanical Sciences</i> , 2019, 153-154, 164-177.	3.6	15
18	A parametric study of the MLPG method for thermo-mechanical solidification analysis. <i>Engineering Analysis With Boundary Elements</i> , 2018, 89, 10-24.	2.0	16

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19	A new refined simple TSDT-based effective meshfree method for analysis of through-thickness FG plates. <i>Applied Mathematical Modelling</i> , 2018, 57, 514-534.	2.2	46
20	An efficient load identification for viscoplastic materials by an inverse meshfree analysis. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 303-312.	3.6	9
21	A comparative study of two constitutive models within an inverse approach to determine the spatial stiffness distribution in soft materials. <i>International Journal of Mechanical Sciences</i> , 2018, 140, 446-454.	3.6	24
22	Direct transformation of the volume integral in the boundary integral equation for treating three-dimensional steady-state anisotropic thermoelasticity involving volume heat source. <i>International Journal of Solids and Structures</i> , 2018, 143, 287-297.	1.3	1
23	Inverse determination of elastic constants of a hyper-elastic member with inclusions using simple displacement/length measurements. <i>Journal of Strain Analysis for Engineering Design</i> , 2018, 53, 529-542.	1.0	7
24	Three-dimensional thermo-mechanical analysis of continuous casting and comparison with two-dimensional models. <i>Journal of Strain Analysis for Engineering Design</i> , 2018, 53, 421-434.	1.0	1
25	A simple FSDT-based meshfree method for analysis of functionally graded plates. <i>Engineering Analysis With Boundary Elements</i> , 2017, 79, 1-12.	2.0	87
26	Meshfree radial point interpolation method for analysis of viscoplastic problems. <i>Engineering Analysis With Boundary Elements</i> , 2017, 82, 172-184.	2.0	23
27	Accurate and efficient analysis of stationary and propagating crack problems by meshless methods. <i>Theoretical and Applied Fracture Mechanics</i> , 2017, 87, 21-34.	2.1	73
28	A new stable inverse method for identification of the elastic constants of a three-dimensional generally anisotropic solid. <i>International Journal of Solids and Structures</i> , 2017, 106-107, 240-250.	1.3	28
29	Three-dimensional thermo-elastoplastic analysis of thick functionally graded plates using the meshless local Petrov-Galerkin method. <i>Engineering Analysis With Boundary Elements</i> , 2016, 71, 34-49.	2.0	46
30	A novel inverse method for identification of 3D thermal conductivity coefficients of anisotropic media by the boundary element analysis. <i>International Journal of Heat and Mass Transfer</i> , 2015, 89, 685-693.	2.5	34
31	Material tailoring in functionally graded rods under torsion. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2014, 228, 3283-3295.	1.1	3
32	A background decomposition method for domain integration in weak-form meshfree methods. <i>Computers and Structures</i> , 2014, 142, 64-78.	2.4	34
33	Dynamic analysis of sandwich beams with functionally graded core using a truly meshfree radial point interpolation method. <i>Engineering Structures</i> , 2013, 47, 90-104.	2.6	148
34	Efficient evaluation of weakly/strongly singular domain integrals in the BEM using a singular nodal integration method. <i>Engineering Analysis With Boundary Elements</i> , 2013, 37, 691-698.	2.0	37
35	Simultaneous control of solidus and liquidus lines in alloy solidification. <i>Engineering Analysis With Boundary Elements</i> , 2013, 37, 211-224.	2.0	12
36	A domain decomposition method for the stable analysis of inverse nonlinear transient heat conduction problems. <i>International Journal of Heat and Mass Transfer</i> , 2013, 58, 125-134.	2.5	39

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37	Determination of optimum cooling conditions for continuous casting by a meshless method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2013, 227, 1022-1035.	1.1	5
38	Boundary element analysis of uncoupled transient thermo-elastic problems with time- and space-dependent heat sources. Applied Mathematics and Computation, 2011, 218, 1862-1882.	1.4	31
39	Nonlinear transient heat conduction analysis of functionally graded materials in the presence of heat sources using an improved meshless radial point interpolation method. Applied Mathematical Modelling, 2011, 35, 4157-4174.	2.2	81
40	Boundary element analysis of nonlinear transient heat conduction problems involving non-homogenous and nonlinear heat sources using time-dependent fundamental solutions. Engineering Analysis With Boundary Elements, 2010, 34, 655-665.	2.0	37
41	Torsion of functionally graded hollow tubes. European Journal of Mechanics, A/Solids, 2009, 28, 551-559.	2.1	38
42	Torsion of moderately thick hollow tubes with polygonal shapes. Mechanics Research Communications, 2007, 34, 528-537.	1.0	10