

Moncef Aouadi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

1,007
citations

16
h-index

27
g-index

94
ext. papers

1,121
ext. citations

1.8
avg, IF

5.38
L-index

#	Paper	IF	Citations
91	Regularity and upper semicontinuity of pullback attractors for non-autonomous Rao-Nakra beam. <i>Nonlinearity</i> , 2022 , 35, 1773-1809	1.7	1
90	Asymptotic behavior in nonlocal Mindlin's strain gradient thermoelasticity with voids and microtemperatures. <i>Journal of Mathematical Analysis and Applications</i> , 2022 , 126268	1.1	0
89	Well-posedness, lack of analyticity and exponential stability in nonlocal Mindlin's strain gradient porous elasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2022 , 73, 1	1.6	0
88	Approximate controllability of nonsimple elastic plate with memory. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 ,	2.8	
87	Robustness of Global Attractors for Extensible Coupled Suspension Bridge Equations with Fractional Damping. <i>Applied Mathematics and Optimization</i> , 2021 , 84, 403-435	1.5	2
86	Stability conditions for thermodiffusion Timoshenko system with second sound. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2021 , 72, 1	1.6	
85	Micro-inertia effects on existence of attractors for Form II Mindlin's strain gradient viscoelastic plate. <i>Nonlinear Differential Equations and Applications</i> , 2021 , 28, 1	0.8	0
84	A new stabilization scenario for Timoshenko systems with thermo-diffusion effects in second spectrum perspective. <i>Archiv Der Mathematik</i> , 2021 , 116, 203-219	0.4	5
83	Decay and numerical results in nonsimple viscoelasticity. <i>Journal of Mathematical Physics</i> , 2021 , 62, 032701	0.4	1
82	Numerical analysis for a thermoelastic diffusion problem in moving boundary. <i>Mathematics and Computers in Simulation</i> , 2021 , 187, 630-655	3.3	1
81	Exponential stability and numerical analysis of a thermoelastic diffusion beam with rotational inertia and second sound. <i>Mathematics and Computers in Simulation</i> , 2021 , 187, 586-613	3.3	2
80	Continuity of Global Attractors for a Suspension Bridge Equation. <i>Acta Applicandae Mathematicae</i> , 2021 , 176, 1	1.1	
79	Spectral and numerical analysis for a thermoelastic problem with double porosity and second sound. <i>Asymptotic Analysis</i> , 2021 , 1-38	0.7	
78	Global and exponential attractors for extensible thermoelastic plate with time-varying delay. <i>Journal of Differential Equations</i> , 2020 , 269, 4079-4115	2.1	7
77	 <i>Iltogi Nauki I Tehniki Seriya Sovremennye Problemy Matematiki, Fundamentalnye Napravleniya</i> 2020 , 178, 57-76	0	
76	Boundary Stabilization of a Thermoelastic Diffusion System of Type II. <i>Acta Applicandae Mathematicae</i> , 2020 , 169, 499-522	1.1	3
75	Analyticity of solutions to thermoviscoelastic diffusion mixtures problem in higher dimension. <i>Acta Mechanica</i> , 2020 , 231, 1125-1140	2.1	2

74	Quasi-stability and upper semicontinuity for coupled parabolic equations with memory. <i>Studies in Applied Mathematics</i> , 2020 , 145, 586-621	2.1	4
73	Exponential stability in Mindlin's Form II gradient thermoelasticity with microtemperatures of type III. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020 , 476, 20200459	2.4	4
72	Asymptotic behavior in Form II Mindlin's strain gradient theory for porous thermoelastic diffusion materials. <i>Journal of Thermal Stresses</i> , 2020 , 43, 191-209	2.2	5
71	Analytical aspects in strain gradient theory for chiral Cosserat thermoelastic materials within three Green-Naghdi models. <i>Journal of Thermal Stresses</i> , 2019 , 42, 681-697	2.2	4
70	Analysis of a multidimensional thermoviscoelastic contact problem under the Green-Lindsay theory. <i>Journal of Computational and Applied Mathematics</i> , 2019 , 345, 224-246	2.4	6
69	Properties of global and exponential attractors for nonlinear thermo-diffusion Timoshenko system. <i>Journal of Mathematical Physics</i> , 2019 , 60, 081503	1.2	6
68	Global existence and numerical simulations for a thermoelastic diffusion problem in moving boundary. <i>Mathematics and Computers in Simulation</i> , 2019 , 166, 410-431	3.3	3
67	Existence, stability and numerical results for a Timoshenko beam with thermodiffusion effects. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2019 , 70, 1	1.6	6
66	Exact observability and controllability for a nonsimple elastic rod. <i>Applicable Analysis</i> , 2019 , 98, 1705-1728	3.8	3
65	Nonlinear theory for thermoelastic solids with mass diffusion. <i>European Journal of Mechanics, A/Solids</i> , 2018 , 70, 267-279	3.7	2
64	A dynamic contact problem for a thermoelastic diffusion beam with the rotational inertia. <i>Applied Numerical Mathematics</i> , 2018 , 126, 113-137	2.5	3
63	Thermoelastic theory with microtemperatures and dissipative thermodynamics. <i>Journal of Thermal Stresses</i> , 2018 , 41, 522-542	2.2	12
62	Stability aspects in strain gradient theory of thermoelasticity with mass diffusion. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2018 , 98, 1794-1812	1	6
61	Mathematical and numerical analysis in thermo-gradient-dependent theory of plasticity. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2018 , 98, 1603-1622	1	2
60	Well-posedness and exponential stability in binary mixtures theory for thermoviscoelastic diffusion materials. <i>Journal of Thermal Stresses</i> , 2018 , 41, 1414-1431	2.2	4
59	Long-time dynamics for nonlinear porous thermoelasticity with second sound and delay. <i>Journal of Mathematical Physics</i> , 2018 , 59, 101510	1.2	3
58	A bending theory of thermoelastic diffusion plates based on Green-Naghdi theory. <i>European Journal of Mechanics, A/Solids</i> , 2017 , 65, 123-135	3.7	8
57	A contact problem in thermoviscoelastic diffusion theory with second sound. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2017 , 51, 759-796	1.8	5

56	Spectral analysis of thermoelastic systems under nonclassical thermal models. <i>Journal of Thermal Stresses</i> , 2017 , 40, 3-24	2.2	1
55	Asymptotic behavior of non-uniform Timoshenko beam acting on shear force with feedback controller. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2017 , 97, 1579-1599	1	5
54	A porous thermoelastic diffusion theory of types II and III. <i>Acta Mechanica</i> , 2017 , 228, 931-949	2.1	9
53	A thermoelastic diffusion theory with microtemperatures and microconcentrations. <i>Journal of Thermal Stresses</i> , 2017 , 40, 486-501	2.2	19
52	Analytical and numerical results for a dynamic contact problem with two stops in thermoelastic diffusion theory. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2016 , 96, 361-384	1	10
51	A quasi-static contact problem in thermoviscoelastic diffusion theory. <i>Applied Numerical Mathematics</i> , 2016 , 109, 157-183	2.5	7
50	Asymptotic analysis of a nonsimple thermoelastic rod. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2016 , 9, 1475-1492	2.8	5
49	Partial exact controllability for inhomogeneous multidimensional thermoelastic diffusion problem. <i>Evolution Equations and Control Theory</i> , 2016 , 5, 201-224	2	1
48	Analysis of a contact problem in thermoviscoelasticity under the Green-Lindsay model. <i>Applied Numerical Mathematics</i> , 2015 , 91, 60-74	2.5	5
47	On thermoelastic diffusion thin plate theory. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2015 , 36, 619-632	3.2	16
46	Optimal Decay Rate for Unidimensional Thermoelastic Problem within the Green-Lindsay Model. <i>Journal of Thermal Stresses</i> , 2015 , 38, 1199-1216	2.2	4
45	Smooth attractor for a nonlinear thermoelastic diffusion thin plate based on Gurtin-Pipkin model. <i>Asymptotic Analysis</i> , 2015 , 95, 129-160	0.7	9
44	Quasi-stability and global attractor in nonlinear thermoelastic diffusion plate with memory. <i>Evolution Equations and Control Theory</i> , 2015 , 4, 241-263	2	10
43	Approximate controllability of abstract nonsimple thermoelastic problem. <i>Evolution Equations and Control Theory</i> , 2015 , 4, 373-389	2	5
42	A theory of thermoelasticity with diffusion under Green-Naghdi models. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2014 , 94, 837-852	1	22
41	Decay of solutions in nonhomogeneous thermoelastic diffusion bars. <i>Applicable Analysis</i> , 2014 , 93, 281-308	3	3
40	Energy decay in thermoelastic diffusion theory with second sound and dissipative boundary. <i>Meccanica</i> , 2013 , 48, 2159-2171	2.1	6
39	On uniform decay of a nonsimple thermoelastic bar with memory. <i>Journal of Mathematical Analysis and Applications</i> , 2013 , 402, 745-757	1.1	8

38	Stability aspects in a nonsimple thermoelastic diffusion problem. <i>Applicable Analysis</i> , 2013 , 92, 1816-1828.8		7
37	Decay of the timoshenko beam with thermal effect and memory boundary conditions. <i>Journal of Dynamical and Control Systems</i> , 2013 , 19, 33-46	1.1	6
36	Uniqueness and existence theorems in thermoelasticity with voids without energy dissipation. <i>Journal of the Franklin Institute</i> , 2012 , 349, 128-139	4	8
35	Stability in thermoelastic diffusion theory with voids. <i>Applicable Analysis</i> , 2012 , 91, 121-139	0.8	8
34	Exponential decay in thermoelastic materials with voids and dissipative boundary without thermal dissipation. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2012 , 63, 961-973	1.6	10
33	Exponential stability in the theory of thermoelastic diffusion mixtures. <i>Applicable Analysis</i> , 2012 , 91, 2169-2187	0.8	4
32	Exponential Stability in Hyperbolic Thermoelastic Diffusion Problem with Second Sound. <i>International Journal of Differential Equations</i> , 2011 , 2011, 1-21	0.8	6
31	Polynomial and exponential stability for one-dimensional problem in thermoelastic diffusion theory. <i>Applicable Analysis</i> , 2010 , 89, 935-948	0.8	10
30	Qualitative Results in the Theory of Thermoelastic Diffusion Mixtures. <i>Journal of Thermal Stresses</i> , 2010 , 33, 595-615	2.2	11
29	A theory of thermoelastic diffusion materials with voids. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2010 , 61, 357-379	1.6	43
28	A contact problem of a thermoelastic diffusion rod. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2010 , 90, 278-286	1	9
27	The coupled theory of micropolar thermoelastic diffusion. <i>Acta Mechanica</i> , 2009 , 208, 181-203	2.1	17
26	Spatial Stability for the Quasi-Static Problem in Thermoelastic Diffusion Theory. <i>Acta Applicandae Mathematicae</i> , 2009 , 106, 307-323	1.1	11
25	Theory of Generalized Micropolar Thermoelastic Diffusion Under LordShulman Model. <i>Journal of Thermal Stresses</i> , 2009 , 32, 923-942	2.2	32
24	Finite element and Chebyshev finite difference methods for micropolar flow past a stretching surface with heat and mass transfer. <i>International Journal of Computer Mathematics</i> , 2008 , 85, 105-122	1.2	1
23	Generalized Theory of Thermoelastic Diffusion for Anisotropic Media. <i>Journal of Thermal Stresses</i> , 2008 , 31, 270-285	2.2	74
22	Some Theorems in the Isotropic Theory of Microstretch Thermoelasticity with Microtemperatures. <i>Journal of Thermal Stresses</i> , 2008 , 31, 649-662	2.2	31
21	Aspects of Uniqueness in Micropolar Piezoelectric Bodies. <i>Mathematics and Mechanics of Solids</i> , 2008 , 13, 499-512	2.3	6

20	Qualitative Aspects in the Coupled Theory of Thermoelastic Diffusion. <i>Journal of Thermal Stresses</i> , 2008 , 31, 706-727	2.2	17
19	Some theorems in the generalized theory of thermo-magneto-electroelasticity under Green-Lindsay model. <i>Acta Mechanica</i> , 2008 , 200, 25-43	2.1	13
18	Eigenvalue Approach to Linear Micropolar Thermoelasticity Under Distributed Loading. <i>Journal of Thermal Stresses</i> , 2007 , 30, 421-440	2.2	2
17	Uniqueness and Reciprocity Theorems in the Theory of Generalized Thermoelastic Diffusion. <i>Journal of Thermal Stresses</i> , 2007 , 30, 665-678	2.2	65
16	A problem for an infinite elastic body with a spherical cavity in the theory of generalized thermoelastic diffusion. <i>International Journal of Solids and Structures</i> , 2007 , 44, 5711-5722	3.1	94
15	Hybrid Laplace transform-finite element method to a generalized electromagneto-thermoelastic problem. <i>Applied Mathematical Modelling</i> , 2007 , 31, 712-726	4.5	17
14	Generalized Thermoelastic-Piezoelectric Problem by Hybrid Laplace Transform-Finite Element Method. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2007 , 8, 137-147	0.7	6
13	On the coupled theory of thermo-magneto-electroelasticity. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2007 , 60, 443-456	1	11
12	Numerical study for micropolar flow over a stretching sheet. <i>Computational Materials Science</i> , 2007 , 38, 774-780	3.2	19
11	Variable electrical and thermal conductivity in the theory of generalized thermoelastic diffusion. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2006 , 57, 350-366	1.6	47
10	Temperature dependence of an elastic modulus in generalized linear micropolar thermoelasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2006 , 57, 1057-1074	1.6	9
9	Generalized Three-Dimensional Heat Source Problem for Small Time. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2006 , 7, 59-67	0.7	8
8	Thermomechanical Interactions in a Generalized Thermo-Microstretch Elastic Half Space. <i>Journal of Thermal Stresses</i> , 2006 , 29, 511-528	2.2	4
7	A generalized thermoelastic diffusion problem for an infinitely long solid cylinder. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2006 , 2006, 1-15	0.8	54
6	Generalized thermo-piezoelectric problems with temperature-dependent properties. <i>International Journal of Solids and Structures</i> , 2006 , 43, 6347-6358	3.1	62
5	Electromagneto-thermoelastic fundamental solutions in a two-dimensional problem for short time. <i>Acta Mechanica</i> , 2005 , 174, 223-240	2.1	9
4	Discontinuities in an axisymmetric generalized thermoelastic problem. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2005 , 2005, 1015-1029	0.8	6
3	The relaxation effects of volume properties in two-dimensional generalized thermoviscoelastic problem. <i>Applied Mathematics and Computation</i> , 2004 , 151, 689-711	2.7	7

2	PLANE WAVES IN GENERALIZED THERMOVISOCOELASTIC MATERIAL WITH RELAXATION TIME AND TEMPERATURE-DEPENDENT PROPERTIES. <i>Journal of Thermal Stresses</i> , 2003 , 26, 197-222	2.2	2
1	Analyticity of solutions to thermo-elastic-plastic flow problem with microtemperatures. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> ,e202000346	1	0