

Moncef Aouadi

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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 | 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 |
| 90 | Generalized Theory of Thermoelastic Diffusion for Anisotropic Media. <i>Journal of Thermal Stresses</i> , 2008 , 31, 270-285 | 2.2 | 74 |
| 89 | Uniqueness and Reciprocity Theorems in the Theory of Generalized Thermoelastic Diffusion. <i>Journal of Thermal Stresses</i> , 2007 , 30, 665-678 | 2.2 | 65 |
| 88 | Generalized thermo-piezoelectric problems with temperature-dependent properties. <i>International Journal of Solids and Structures</i> , 2006 , 43, 6347-6358 | 3.1 | 62 |
| 87 | 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 |
| 86 | 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 |
| 85 | A theory of thermoelastic diffusion materials with voids. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2010 , 61, 357-379 | 1.6 | 43 |
| 84 | Theory of Generalized Micropolar Thermoelastic Diffusion Under LordBhulman Model. <i>Journal of Thermal Stresses</i> , 2009 , 32, 923-942 | 2.2 | 32 |
| 83 | Some Theorems in the Isotropic Theory of Microstretch Thermoelasticity with Microtemperatures. <i>Journal of Thermal Stresses</i> , 2008 , 31, 649-662 | 2.2 | 31 |
| 82 | 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 |
| 81 | A thermoelastic diffusion theory with microtemperatures and microconcentrations. <i>Journal of Thermal Stresses</i> , 2017 , 40, 486-501 | 2.2 | 19 |
| 80 | Numerical study for micropolar flow over a stretching sheet. <i>Computational Materials Science</i> , 2007 , 38, 774-780 | 3.2 | 19 |
| 79 | The coupled theory of micropolar thermoelastic diffusion. <i>Acta Mechanica</i> , 2009 , 208, 181-203 | 2.1 | 17 |
| 78 | Qualitative Aspects in the Coupled Theory of Thermoelastic Diffusion. <i>Journal of Thermal Stresses</i> , 2008 , 31, 706-727 | 2.2 | 17 |
| 77 | Hybrid Laplace transform-finite element method to a generalized electromagneto-thermoelastic problem. <i>Applied Mathematical Modelling</i> , 2007 , 31, 712-726 | 4.5 | 17 |
| 76 | On thermoelastic diffusion thin plate theory. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2015 , 36, 619-632 | 3.2 | 16 |
| 75 | Some theorems in the generalized theory of thermo-magneto-electroelasticity under GreenLindsay model. <i>Acta Mechanica</i> , 2008 , 200, 25-43 | 2.1 | 13 |

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| 74 | Thermoelastic theory with microtemperatures and dissipative thermodynamics. <i>Journal of Thermal Stresses</i> , 2018 , 41, 522-542 | 2.2 | 12 |
| 73 | Qualitative Results in the Theory of Thermoelastic Diffusion Mixtures. <i>Journal of Thermal Stresses</i> , 2010 , 33, 595-615 | 2.2 | 11 |
| 72 | Spatial Stability for the Quasi-Static Problem in Thermoelastic Diffusion Theory. <i>Acta Applicandae Mathematicae</i> , 2009 , 106, 307-323 | 1.1 | 11 |
| 71 | On the coupled theory of thermo-magnetoelasticity. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2007 , 60, 443-456 | 1 | 11 |
| 70 | 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 |
| 69 | 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 |
| 68 | Polynomial and exponential stability for one-dimensional problem in thermoelastic diffusion theory. <i>Applicable Analysis</i> , 2010 , 89, 935-948 | 0.8 | 10 |
| 67 | 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 |
| 66 | A porous thermoelastic diffusion theory of types II and III. <i>Acta Mechanica</i> , 2017 , 228, 931-949 | 2.1 | 9 |
| 65 | 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 |
| 64 | A contact problem of a thermoelastic diffusion rod. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2010 , 90, 278-286 | 1 | 9 |
| 63 | 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 |
| 62 | Electromagneto-thermoelastic fundamental solutions in a two-dimensional problem for short time. <i>Acta Mechanica</i> , 2005 , 174, 223-240 | 2.1 | 9 |
| 61 | 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 |
| 60 | Uniqueness and existence theorems in thermoelasticity with voids without energy dissipation. <i>Journal of the Franklin Institute</i> , 2012 , 349, 128-139 | 4 | 8 |
| 59 | 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 |
| 58 | Stability in thermoelastic diffusion theory with voids. <i>Applicable Analysis</i> , 2012 , 91, 121-139 | 0.8 | 8 |
| 57 | 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 |

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| 56 | 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 |
| 55 | A quasi-static contact problem in thermoviscoelastic diffusion theory. <i>Applied Numerical Mathematics</i> , 2016 , 109, 157-183 | 2.5 | 7 |
| 54 | Stability aspects in a nonsimple thermoelastic diffusion problem. <i>Applicable Analysis</i> , 2013 , 92, 1816-1828.8 | | 7 |
| 53 | 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 |
| 52 | 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 |
| 51 | 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 |
| 50 | Properties of global and exponential attractors for nonlinear thermo-diffusion Timoshenko system. <i>Journal of Mathematical Physics</i> , 2019 , 60, 081503 | 1.2 | 6 |
| 49 | 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 |
| 48 | Energy decay in thermoelastic diffusion theory with second sound and dissipative boundary. <i>Meccanica</i> , 2013 , 48, 2159-2171 | 2.1 | 6 |
| 47 | 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 |
| 46 | Exponential Stability in Hyperbolic Thermoelastic Diffusion Problem with Second Sound. <i>International Journal of Differential Equations</i> , 2011 , 2011, 1-21 | 0.8 | 6 |
| 45 | Aspects of Uniqueness in Micropolar Piezoelectric Bodies. <i>Mathematics and Mechanics of Solids</i> , 2008 , 13, 499-512 | 2.3 | 6 |
| 44 | 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 |
| 43 | Discontinuities in an axisymmetric generalized thermoelastic problem. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2005 , 2005, 1015-1029 | 0.8 | 6 |
| 42 | 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 |
| 41 | Analysis of a contact problem in thermoviscoelasticity under the Green- Lindsay model. <i>Applied Numerical Mathematics</i> , 2015 , 91, 60-74 | 2.5 | 5 |
| 40 | 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 |
| 39 | Asymptotic analysis of a nonsimple thermoelastic rod. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2016 , 9, 1475-1492 | 2.8 | 5 |

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| 38 | Approximate controllability of abstract nonsimple thermoelastic problem. <i>Evolution Equations and Control Theory</i> , 2015 , 4, 373-389 | 2 | 5 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | Exponential stability in the theory of thermoelastic diffusion mixtures. <i>Applicable Analysis</i> , 2012 , 91, 2169-2187 | 0.8 | 4 |
| 32 | Thermomechanical Interactions in a Generalized Thermo-Microstretch Elastic Half Space. <i>Journal of Thermal Stresses</i> , 2006 , 29, 511-528 | 2.2 | 4 |
| 31 | Quasi-stability and upper semicontinuity for coupled parabolic equations with memory. <i>Studies in Applied Mathematics</i> , 2020 , 145, 586-621 | 2.1 | 4 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | Decay of solutions in nonhomogeneous thermoelastic diffusion bars. <i>Applicable Analysis</i> , 2014 , 93, 281-308 | 3.8 | 3 |
| 25 | Boundary Stabilization of a Thermoelastic Diffusion System of Type II. <i>Acta Applicandae Mathematicae</i> , 2020 , 169, 499-522 | 1.1 | 3 |
| 24 | Long-time dynamics for nonlinear porous thermoelasticity with second sound and delay. <i>Journal of Mathematical Physics</i> , 2018 , 59, 101510 | 1.2 | 3 |
| 23 | Nonlinear theory for thermoelastic solids with mass diffusion. <i>European Journal of Mechanics, A/Solids</i> , 2018 , 70, 267-279 | 3.7 | 2 |
| 22 | 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 |
| 21 | Eigenvalue Approach to Linear Micropolar Thermoelasticity Under Distributed Loading. <i>Journal of Thermal Stresses</i> , 2007 , 30, 421-440 | 2.2 | 2 |

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| 20 | 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 |
| 19 | Analyticity of solutions to thermoviscoelastic diffusion mixtures problem in higher dimension. <i>Acta Mechanica</i> , 2020 , 231, 1125-1140 | 2.1 | 2 |
| 18 | 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 |
| 17 | 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 |
| 16 | Spectral analysis of thermoelastic systems under nonclassical thermal models. <i>Journal of Thermal Stresses</i> , 2017 , 40, 3-24 | 2.2 | 1 |
| 15 | 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 |
| 14 | Partial exact controllability for inhomogeneous multidimensional thermoelastic diffusion problem. <i>Evolution Equations and Control Theory</i> , 2016 , 5, 201-224 | 2 | 1 |
| 13 | Numerical analysis for a thermoelastic diffusion problem in moving boundary. <i>Mathematics and Computers in Simulation</i> , 2021 , 187, 630-655 | 3.3 | 1 |
| 12 | Regularity and upper semicontinuity of pullback attractors for non-autonomous Rao-Nakra beam. <i>Nonlinearity</i> , 2022 , 35, 1773-1809 | 1.7 | 1 |
| 11 | Analyticity of solutions to thermo-elastic-plastic flow problem with microtemperatures. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , e202000346 | 1 | 0 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | Approximate controllability of nonsimple elastic plate with memory. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 , | 2.8 | |
| 6 |  <i>Itogi Nauki I Tehniki Seriya Sovremennye Problemy Matematiki, Fundamentalnye Napravleniya</i> 2020 , 178, 57-76 | 0 | |
| 5 | Stability conditions for thermodiffusion Timoshenko system with second sound. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2021 , 72, 1 | 1.6 | |
| 4 | Exact observability and controllability for a nonsimple elastic rod. <i>Applicable Analysis</i> , 2019 , 98, 1705-1723 | 3.8 | |
| 3 | Decay and numerical results in nonsimple viscoelasticity. <i>Journal of Mathematical Physics</i> , 2021 , 62, 032701 | 1.1 | |

- 2 Continuity of Global Attractors for a Suspension Bridge Equation. *Acta Applicandae Mathematicae*, **2021**, 176, 1 1.1
- 1 Spectral and numerical analysis for a thermoelastic problem with double porosity and second sound. *Asymptotic Analysis*, **2021**, 1-38 0.7