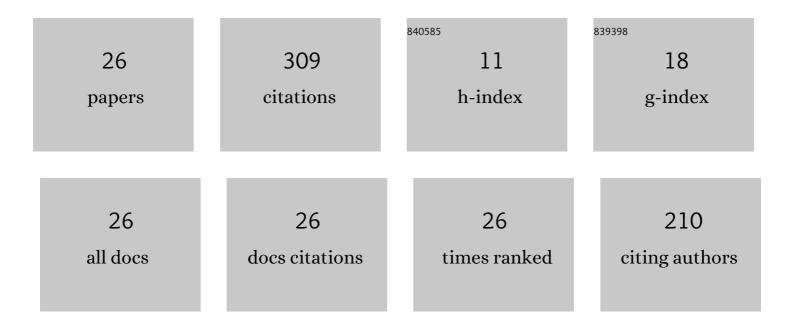
Davresh Hasanyan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Flux distraction effect on magnetoelectric laminate sensors and gradiometer. Journal of Applied Physics, 2013, 114, 134104. | 1.1 | 3 |
| 2 | Theoretical model for geometry-dependent magnetoelectric effect in magnetostrictive/piezoelectric composites. Journal of Applied Physics, 2012, 111, . | 1.1 | 38 |
| 3 | Investigation of vehicle induced magnetic anomaly by triple-axis magnetoelectric sensors. Smart Materials and Structures, 2012, 21, 115007. | 1.8 | 15 |
| 4 | Metglas/Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ magnetoelectric gradiometric sensor with high detection sensitivity. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 2111-2115. | 1.7 | 6 |
| 5 | Giant resonant magnetoelectric effect in bi-layered Metglas/Pb(Zr,Ti)O3 composites. Journal of Applied Physics, 2012, 112, . | 1.1 | 37 |
| 6 | Giant converse magnetoelectric effect in multi-push-pull mode Metglas/Pb(Zr,Ti)O3/Metglas laminates. Applied Physics Letters, 2012, 100, . | 1.5 | 20 |
| 7 | Magnetic field dependence of the effective permittivity in multiferroic composites. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 2059-2062. | 0.8 | 21 |
| 8 | Electricâ€field tuning of magnetoelectric properties in Metglas/piezofiber composites. Physica Status Solidi - Rapid Research Letters, 2012, 6, 265-267. | 1.2 | 10 |
| 9 | Fully non-linear magnetoelastic interactions of a circular cylindrical thin shell subject to electromagnetic fields. International Journal of Non-Linear Mechanics, 2011, 46, 425-435. | 1.4 | 2 |
| 10 | Modeling of Nonlinear Magnetoelastic Circular Cylindrical Shells Subjected to Electrical and Magnetic Fields. , 2010, , . | | 0 |
| 11 | Electroconductive cylindrical thin elastic shells carrying electric current and immersed in a magnetic field: Implications of the current-magnetic coupling on the shells' instability. International Journal of Applied Electromagnetics and Mechanics, 2009, 31, 79-96. | 0.3 | 6 |
| 12 | Finite-Length Effect of Perfectly Electroconductive Cylindrical Shells Subject to Electromagnetic Fields. , 2009, , . | | 0 |
| 13 | Joule Heating and its Implications on Crack Detection/Arrest in Electrically Conductive Circular Cylindrical Shells. Journal of Thermal Stresses, 2007, 30, 623-637. | 1.1 | 10 |
| 14 | Thermoelastic Cracked Cylindrical Shells Subjected to Nonstationary Electrical Current. , 2006, , . | | 0 |
| 15 | Thermoelastic Cracked Plates Carrying Nonstationary Electrical Current. Journal of Thermal Stresses, 2005, 28, 729-745. | 1.1 | 24 |
| 16 | Magneto-thermo-elastokinetics of geometrically nonlinear laminated composite plates. Part 1: foundation of the theory. Journal of Sound and Vibration, 2005, 287, 153-175. | 2.1 | 13 |
| 17 | Magneto-thermo-elastokinetics of geometrically nonlinear laminated composite plates. Part 2: vibration and wave propagation. Journal of Sound and Vibration, 2005, 287, 177-201. | 2.1 | 12 |
| 18 | Nonlinear vibration of finitely-electroconductive plate strips in an axial magnetic field. Computers and Structures, 2005, 83, 1205-1216. | 2.4 | 3 |

DAVRESH HASANYAN

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effects of an in-plane axisymmetric magnetic field on the vibration of a thin conductive spinning disk. Journal of Applied Physics, 2005, 97, 10R509. | 1.1 | 2 |
| 20 | Diffraction of harmonic flexural waves in a cracked elastic plate carrying electrical current. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2005, 461, 3543-3560. | 1.0 | 3 |
| 21 | Dynamics and Instability of Current-Carrying Cylindrical Shells in a Magnetic Field. , 2005, , . | | 0 |
| 22 | Vibration and Critical Speed of Spinning Disks Under an In-Plane Axisymmetric Magnetic Field; Analytical Predictions and Experimental Investigation. , 2005, , . | | 0 |
| 23 | Electromagnetically conducting elastic plates in a magnetic field: modeling and dynamic implications. International Journal of Non-Linear Mechanics, 2004, 39, 723-739. | 1.4 | 27 |
| 24 | Magnetoelastic modeling of circular cylindrical shells immersed in a magnetic field. International Journal of Engineering Science, 2003, 41, 2023-2046. | 2.7 | 11 |
| 25 | Magnetoelastic modeling of circular cylindrical shells immersed in a magnetic field. Part I: Magnetoelastic loads considering finite dimensional effects. International Journal of Engineering Science, 2003, 41, 2005-2022. | 2.7 | 19 |
| 26 | NONLINEAR MAGNETOTHERMOELASTICITY OF ANISOTROPIC PLATES IMMERSED IN A MAGNETIC FIELD. Journal of Thermal Stresses, 2003, 26, 1277-1304. | 1.1 | 27 |