# David Natroshvili

List of Publications by Year
in descending order

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| 24 | 194 | 1040056 9 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 24 | 24 | 24 | 68 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Boundary Integral Equation Method in the Steady State Oscillation Problems for Anisotropic Bodies. Mathematical Methods in the Applied Sciences, 1997, 20, 95-119. | 2.3 | 30 |
| 2 | Mathematical problems of the theory of elasticity of chiral materials for Lipschitz domains. Mathematical Methods in the Applied Sciences, 2006, 29, 445-478. | 2.3 | 18 |
| 3 | General Transmission Problems in the Theory of Elastic Oscillations of Anisotropic Bodies (Basic) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.0 | 14 |
| 4 | Steady State Oscillation Problems in the Theory of Elasticity for Chiral Materials. Journal of Integral Equations and Applications, 2005, 17, 19. | 0.6 | 13 |
| 5 | Transmission problems in the theory of elastic hemitropic materials. Applicable Analysis, 2007, 86, 1463-1508. | 1.3 | 13 |
| 6 | General Transmission Problems in the Theory of Elastic Oscillations of Anisotropic Bodies (Mixed) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 | 1.0 | 12 |
| 7 | Non-local approach in mathematical problems of fluid-structure interaction. Mathematical Methods in the Applied Sciences, 1999, 22, 13-42. | 2.3 | 12 |
| 8 | Interaction of Elastic and Scalar Fields. Mathematical Methods in the Applied Sciences, 1996, 19, 1445-1469. | 2.3 | 11 |
| 9 | Method of fundamental solutions for mixed and crack type problems in the classical theory of elasticity. Transactions of A Razmadze Mathematical Institute, 2017, 171, 264-292. | 0.7 | 10 |
| 10 | Non-classical interface problems for piecewise homogeneous anisotropic elastic bodies. Mathematical Methods in the Applied Sciences, 1995, 18, 27-49. | 2.3 | 9 |
| 11 | Some Remarks Concerning Jones Eigenfrequencies and Jones Modes. Georgian Mathematical Journal, 2005, 12, 337-348. | 0.6 | 9 |
| 12 | Non - Classical Mixed Interface Problems for Anisotropic Bodies. Mathematische Nachrichten, 1996, 179, 161-186. | 0.8 | 8 |
| 13 | Interaction of acoustic waves and piezoelectric structures. Mathematical Methods in the Applied Sciences, 2015, 38, 2149-2170. | 2.3 | 6 |
| 14 | Mixed boundary value problems of pseudo-oscillations of generalized thermo-electro-magneto-elasticity theory for solids with interior cracks. Transactions of A Razmadze Mathematical Institute, 2016, 170, 308-351. | 0.7 | 5 |
| 15 | The Potential Method for the Reactance Wave Diffraction Problem in a Scale of Spaces. Georgian Mathematical Journal, 2006, 13, 251-260. | 0.6 | 5 |
| 16 | Boundary integral equation methods in the theory of elasticity of hemitropic materials: A brief review. Journal of Computational and Applied Mathematics, 2010, 234, 1622-1630. | 2.0 | 4 |
| 17 | Singular localised boundaryâ€domain integral equations of acoustic scattering by inhomogeneous anisotropic obstacle. Mathematical Methods in the Applied Sciences, 2018, 41, 8033-8058. | 2.3 | 4 |
| 18 | Unilateral Contact Problems with Friction for Hemitropic Elastic Solids. Georgian Mathematical Journal, 2009, 16, 629-650. | 0.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Localized boundary-domain integral equation formulation for mixed type problems. Georgian Mathematical Journal, 2010, 17, 469-494. | 0.6 | 3 |
| 20 | Mathematical aspects of fluidâ€“multiferroic solid interaction problems. Mathematical Methods in the Applied Sciences, 2021, 44, 9727. | 2.3 | 3 |
| 21 | Dynamical contact problems with friction for hemitropic elastic solids. Georgian Mathematical Journal, 2014, 21, . | 0.6 | 2 |
| 22 | Wave scattering by an elastic obstacle with interior cuts. Mathematische Nachrichten, 2007, 280, 996-1013. | 0.8 | 0 |
| 23 | Mixed boundaryâ€“transmission problems for composite layered elastic structures. Mathematical Methods in the Applied Sciences, 2021, 44, 9689-9709. | 2.3 | 0 |
| 24 | Localized boundary-domain singular integral equations of the Robin type problem for self-adjoint second-order strongly elliptic PDE systems. Georgian Mathematical Journal, 2021, 28, 695-715. | 0.6 | 0 |