

Abhishek Kumar Singh

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Propagation of magnetoelastic shear waves in an irregular self-reinforced layer. <i>Journal of Engineering Mathematics</i> , 2012, 75, 139-155. | 1.2 | 56 |
| 2 | Dispersion of horizontally polarized shear waves in an irregular non-homogeneous self-reinforced crustal layer over a semi-infinite self-reinforced medium. <i>JVC/Journal of Vibration and Control</i> , 2013, 19, 109-119. | 2.6 | 46 |
| 3 | Effects of initial stresses on reflection phenomenon of plane waves at the free surface of a rotating piezothermoelastic fiber-reinforced composite half-space. <i>International Journal of Mechanical Sciences</i> , 2020, 181, 105766. | 6.7 | 39 |
| 4 | Plane wave reflection/transmission in imperfectly bonded initially stressed rotating piezothermoelastic fiber-reinforced composite half-spaces. <i>European Journal of Mechanics, A/Solids</i> , 2021, 88, 104242. | 3.7 | 34 |
| 5 | Propagation of a crack due to magnetoelastic shear waves in a self-reinforced medium. <i>JVC/Journal of Vibration and Control</i> , 2014, 20, 406-420. | 2.6 | 29 |
| 6 | Reflection of plane waves from the surface of a piezothermoelastic fiber-reinforced composite half-space. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 2370-2382. | 2.6 | 28 |
| 7 | Love-type wave propagation in a piezoelectric structure with irregularity. <i>International Journal of Engineering Science</i> , 2015, 89, 35-60. | 5.0 | 27 |
| 8 | Effect of initial stress, heterogeneity and anisotropy on the propagation of seismic surface waves. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 177-188. | 2.6 | 27 |
| 9 | Torsional Surface Waves in a Self-Reinforced Medium over a Heterogeneous Half Space. <i>International Journal of Geomechanics</i> , 2012, 12, 193-197. | 2.7 | 25 |
| 10 | Impact of point source and mass loading sensitivity on the propagation of an SH wave in an imperfectly bonded FGPPM layered structure. <i>Acta Mechanica</i> , 2020, 231, 2603-2627. | 2.1 | 25 |
| 11 | Dispersion equation of magnetoelastic shear waves in irregular monoclinic layer. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 571-586. | 3.6 | 24 |
| 12 | Analysis on different types of imperfect interfaces between two dissimilar piezothermoelastic half-spaces on reflection and refraction phenomenon of plane waves. <i>Waves in Random and Complex Media</i> , 0, , 1-30. | 2.7 | 24 |
| 13 | Influence of corrugated boundary surfaces, reinforcement, hydrostatic stress, heterogeneity and anisotropy on Love-type wave propagation. <i>Meccanica</i> , 2015, 50, 2977-2994. | 2.0 | 22 |
| 14 | Frequency shifts and thermoelastic damping in different types of Nano-/Micro-scale beams with sandiness and voids under three thermoelasticity theories. <i>Journal of Sound and Vibration</i> , 2021, 510, 116301. | 3.9 | 22 |
| 15 | G-type seismic waves in fibre reinforced media. <i>Meccanica</i> , 2012, 47, 1775-1785. | 2.0 | 21 |
| 16 | Effect of irregularity and heterogeneity on the stresses produced due to a normal moving load on a rough monoclinic half-space. <i>Meccanica</i> , 2014, 49, 2861-2878. | 2.0 | 21 |
| 17 | Analysis on scattering characteristics of Love-type wave due to surface irregularity in a piezoelectric structure. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 3756-3783. | 1.1 | 21 |
| 18 | Effect of interfacial imperfection on shear wave propagation in a piezoelectric composite structure: Wentzelâ€™Kramersâ€™Brillouin asymptotic approach. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 2789-2807. | 2.5 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Dispersion of shear wave propagating in vertically heterogeneous double layers overlying an initially stressed isotropic half-space. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 69, 16-27. | 3.8 | 20 |
| 20 | Propagation of Love-Type Wave in a Corrugated Fibre-Reinforced Layer. <i>Journal of Mechanics</i> , 2016, 32, 693-708. | 1.4 | 20 |
| 21 | Shear wave propagation in vertically heterogeneous viscoelastic layer over a micropolar elastic half-space. <i>Mechanics of Advanced Materials and Structures</i> , 2017, 24, 149-156. | 2.6 | 20 |
| 22 | Reflection and refraction of plane waves at the loosely bonded common interface of piezoelectric fibre-reinforced and fibre-reinforced composite media. <i>Ultrasonics</i> , 2019, 94, 131-144. | 3.9 | 20 |
| 23 | Influence of varying fiber volume fractions on plane waves reflecting from the stress-free/rigid surface of a piezoelectric fiber-reinforced composite half-space. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 5758-5772. | 2.6 | 20 |
| 24 | Propagation of torsional wave in a composite layer overlying an anisotropic heterogeneous half-space with initial stress. <i>JVC/Journal of Vibration and Control</i> , 2015, 21, 1987-1998. | 2.6 | 19 |
| 25 | Effect of loosely bonded undulated boundary surfaces of doubly layered half-space on the propagation of torsional wave. <i>Mechanics Research Communications</i> , 2016, 73, 91-106. | 1.8 | 18 |
| 26 | The impact of reinforcement and piezoelectricity on SH wave propagation in irregular imperfectly-bonded layered FGPM structures: An analytical approach. <i>European Journal of Mechanics, A/Solids</i> , 2020, 80, 103872. | 3.7 | 18 |
| 27 | Stress Intensity Factor of Dynamic Crack in Double-Layered Dry Sandy Elastic Medium due to Shear Wave under Different Loading Conditions. <i>International Journal of Geomechanics</i> , 2020, 20, . | 2.7 | 18 |
| 28 | Impact of interfacial imperfections on the Reflection and Transmission phenomenon of plane waves in a Porous-Piezoelectric model. <i>Applied Mathematical Modelling</i> , 2021, 100, 656-675. | 4.2 | 17 |
| 29 | Love-type waves in a piezoelectric-viscoelastic bimaterial composite structure due to an impulsive point source. <i>International Journal of Mechanical Sciences</i> , 2019, 152, 613-629. | 6.7 | 16 |
| 30 | Shear waves in a Piezo-Fiber-Reinforced-Poroelastic composite structure with sandwiched Functionally Graded Buffer Layer: Power Series approach. <i>European Journal of Mechanics, A/Solids</i> , 2022, 92, 104470. | 3.7 | 16 |
| 31 | Propagation of SH-wave in a corrugated viscous sandy layer sandwiched between two elastic half-spaces. <i>Waves in Random and Complex Media</i> , 2017, 27, 213-240. | 2.7 | 15 |
| 32 | Influence of Heterogeneity on the Propagation Behavior of Love-Type Waves in a Layered Isotropic Structure. <i>International Journal of Geomechanics</i> , 2016, 16, . | 2.7 | 14 |
| 33 | Influence of imperfectly bonded micropolar elastic half-space with non-homogeneous viscoelastic layer on propagation behavior of shear wave. <i>Waves in Random and Complex Media</i> , 2016, 26, 650-670. | 2.7 | 14 |
| 34 | Influence of anisotropy, porosity and initial stresses on crack propagation due to Love-type wave in a poroelastic medium. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2016, 39, 624-636. | 3.4 | 14 |
| 35 | Impact of inhomogeneity on SH-type wave propagation in an initially stressed composite structure. <i>Acta Geophysica</i> , 2018, 66, 1-19. | 2.0 | 14 |
| 36 | Attenuation and dispersion of SH-waves in a loosely bonded sandwiched fluid saturated porous layer. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 107, 350-362. | 3.8 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Stresses Induced by a Moving Load in a Composite Structure with an Incompressible Poroviscoelastic Layer. <i>Journal of Engineering Mechanics - ASCE</i> , 2019, 145, 04019062. | 2.9 | 14 |
| 38 | Green's function technique to study the influence of heterogeneity on horizontally polarised shear-wave propagation due to a line source in composite layered structure. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 701-712. | 2.6 | 14 |
| 39 | Anti-plane surface and interfacial waves influenced by layer reinforcement in Piezo-Electro-Magnetic structures with surface energy. <i>European Physical Journal Plus</i> , 2021, 136, 1. | 2.6 | 14 |
| 40 | Propagation characteristics of love-type wave at the electro-mechanical imperfect interface of a piezoelectric fiber-reinforced composite layer overlying a piezoelectric half-space. <i>European Journal of Mechanics, A/Solids</i> , 2022, 93, 104527. | 3.7 | 14 |
| 41 | Love-type wave propagation in a pre-stressed viscoelastic medium influenced by smooth moving punch. <i>Waves in Random and Complex Media</i> , 2015, 25, 268-285. | 2.7 | 13 |
| 42 | Dynamic response of normal moving load on an irregular fiber-reinforced half-space. <i>JVC/Journal of Vibration and Control</i> , 2016, 22, 77-88. | 2.6 | 13 |
| 43 | Green's function approach to study the propagation of SH-wave in piezoelectric layer influenced by a point source. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 4771. | 2.3 | 13 |
| 44 | Remarks on impact of irregularity on SH-type wave propagation in micropolar elastic composite structure. <i>International Journal of Mechanical Sciences</i> , 2018, 135, 325-341. | 6.7 | 13 |
| 45 | Anti-Plane Wave in a Piezoelectric Viscoelastic Composite Medium: A Semi-Analytical Finite Element Approach Using PML. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050020. | 2.2 | 13 |
| 46 | On point source influencing Love-type wave propagation in a functionally graded piezoelectric composite structure: A Green's function approach. <i>Journal of Intelligent Material Systems and Structures</i> , 2018, 29, 1928-1940. | 2.5 | 12 |
| 47 | Analysis on the propagation of crack in a functionally graded orthotropic strip under pre-stress. <i>Waves in Random and Complex Media</i> , 0, , 1-19. | 2.7 | 12 |
| 48 | Love-type wave propagation in a corrugated piezoelectric structure. <i>Journal of Intelligent Material Systems and Structures</i> , 2016, 27, 2616-2632. | 2.5 | 11 |
| 49 | Effect of undulation on SH-wave propagation in corrugated magneto-elastic transversely isotropic layer. <i>Mechanics of Advanced Materials and Structures</i> , 2017, 24, 200-211. | 2.6 | 11 |
| 50 | Impact of interfacial imperfection on transverse wave in a functionally graded piezoelectric material structure with corrugated boundaries. <i>European Physical Journal Plus</i> , 2018, 133, 1. | 2.6 | 11 |
| 51 | On the dynamic behavior of a functionally graded viscoelastic-piezoelectric composite substrate subjected to a moving line load. <i>European Physical Journal Plus</i> , 2019, 134, 1. | 2.6 | 11 |
| 52 | Dynamic response of an irregular heterogeneous anisotropic poroelastic composite structure due to normal moving load. <i>Acta Mechanica</i> , 2020, 231, 2303-2321. | 2.1 | 11 |
| 53 | Analytical study on stress intensity factor due to the propagation of Griffith crack in a crystalline monoclinic layer subjected to punch pressure. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 475-487. | 3.4 | 11 |
| 54 | Effect of reinforcement, gravity and liquid loading on Rayleigh-type wave propagation. <i>Meccanica</i> , 2016, 51, 2449-2458. | 2.0 | 10 |

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|----|--|-----|-----------|
| 55 | Smooth moving punch in an initially stressed transversely isotropic magnetoelastic medium due to shear wave. <i>Mechanics of Advanced Materials and Structures</i> , 2016, 23, 774-783. | 2.6 | 10 |
| 56 | Study of Love-type wave propagation in an isotropic tri layers elastic medium overlying a semi-infinite elastic medium structure. <i>Waves in Random and Complex Media</i> , 2018, 28, 643-669. | 2.7 | 10 |
| 57 | Dynamic stress concentration in pre-stressed poroelastic media due to moving punch influenced by shear wave. <i>Journal of Seismology</i> , 2018, 22, 1263-1274. | 1.3 | 10 |
| 58 | Analysis on propagation characteristics of the shear wave in a triple layered concentric infinite long cylindrical structure: An analytical approach. <i>European Physical Journal Plus</i> , 2019, 134, 1. | 2.6 | 10 |
| 59 | Influence of an impulsive source on shear wave propagation in a mounted porous layer over a foundation with dry sandy elastic stratum and functionally graded substrate under initial stress. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 142, 106536. | 3.8 | 10 |
| 60 | Analysis of plane wave reflection and transmission phenomenon at the interface of two distinct micro-mechanically modeled rotating initially stressed piezomagnetic fiber-reinforced half-spaces. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 7623-7639. | 2.6 | 10 |
| 61 | Effect of Corrugation and Reinforcement on the Dispersion of SH-wave Propagation in Corrugated Poroelastic Layer Lying over a Fibre-reinforced Half-space. <i>Acta Geophysica</i> , 2016, 64, 1340-1369. | 2.0 | 9 |
| 62 | Normal load moving on magneto-elastic transversely isotropic half-space with irregular and hydrostatic initial stress. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 1354-1373. | 2.6 | 9 |
| 63 | Propagation of SH-waves in two anisotropic layers bonded to an isotropic half-space under gravity. <i>Waves in Random and Complex Media</i> , 2017, 27, 195-212. | 2.7 | 9 |
| 64 | Scattering and propagation characteristics of SH wave in reduced Cosserat isotropic layered structure at irregular boundaries. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6143-6163. | 2.3 | 9 |
| 65 | Dynamic stress concentration of a smooth moving punch influenced by a shear wave in an initially stressed dry sandy layer. <i>Acta Mechanica</i> , 2022, 233, 1757-1768. | 2.1 | 9 |
| 66 | Love-Type Wave Propagation in an Irregular Prestressed Composite Sandwiched Layer. <i>International Journal of Geomechanics</i> , 2016, 16, 04015060. | 2.7 | 8 |
| 67 | Propagation of Torsional Waves in a Fiber Composite Layer Lying over an Initially Stressed Viscoelastic Half-Space. <i>International Journal of Geomechanics</i> , 2016, 16, 04015014. | 2.7 | 8 |
| 68 | Magnetoelastic shear wave propagation in pre-stressed anisotropic media under gravity. <i>Acta Geophysica</i> , 2017, 65, 189-205. | 2.0 | 8 |
| 69 | Stresses due to moving load on the surface of an irregular magneto-elastic monoclinic half-space under hydrostatic initial stress. <i>Mechanics of Advanced Materials and Structures</i> , 2017, 24, 1094-1108. | 2.6 | 8 |
| 70 | Mathematical study on the reflection and refraction phenomena of three-dimensional plane waves in a structure with floating frozen layer. <i>Applied Mathematics and Computation</i> , 2020, 386, 125488. | 2.2 | 8 |
| 71 | On the characteristics of shear acoustic waves propagating in an imperfectly bonded functionally graded piezoelectric layer over a piezoelectric cylinder. <i>Journal of Engineering Mathematics</i> , 2020, 120, 67-88. | 1.2 | 8 |
| 72 | Green's function technique to model Love-type wave propagation due to an impulsive point source in a piezomagnetic layered structure. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 709-720. | 2.6 | 8 |

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|----|--|-----|-----------|
| 73 | Reflection of plane waves at the stress-free/rigid surface of a micro-mechanically modeled Piezo-electro-magnetic fiber-reinforced half-space. <i>Waves in Random and Complex Media</i> , 0, , 1-30. | 2.7 | 8 |
| 74 | Influence of initial stress, irregularity and heterogeneity on Love-type wave propagation in double pre-stressed irregular layers lying over a pre-stressed half-space. <i>Journal of Earth System Science</i> , 2015, 124, 1457-1474. | 1.3 | 7 |
| 75 | Dynamic response of a moving load on a micropolar half-space with irregularity. <i>Applied Mathematical Modelling</i> , 2016, 40, 3535-3549. | 4.2 | 7 |
| 76 | Influence of corrugated boundary surface and reinforcement of fibre-reinforced layer on propagation of torsional surface wave. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 1417-1436. | 2.6 | 7 |
| 77 | Effect of Loose Bonding and Corrugated Boundary Surface on Propagation of Rayleigh-Type Wave. <i>Latin American Journal of Solids and Structures</i> , 2018, 15, . | 1.0 | 7 |
| 78 | Propagation of Love-type wave in functionally graded pre-stressed magneto-visco-elastic fiber-reinforced composite structure. <i>Waves in Random and Complex Media</i> , 2021, 31, 942-971. | 2.7 | 7 |
| 79 | Love-type waves in couple-stress stratum imperfectly bonded to an irregular viscous substrate. <i>Acta Mechanica</i> , 2020, 231, 101-123. | 2.1 | 7 |
| 80 | Analytical study of Love wave propagation in functionally graded piezo-poroelastic media with electroded boundary and abruptly thickened imperfect interface. <i>Waves in Random and Complex Media</i> , 2020, , 1-25. | 2.7 | 7 |
| 81 | On propagation behavior of SH-wave and Rayleigh-type wave in an initially stressed exponentially graded fiber-reinforced viscoelastic layered structure. <i>Waves in Random and Complex Media</i> , 2021, 31, 486-514. | 2.7 | 7 |
| 82 | Surface and interfacial anti-plane waves in micropolar solids with surface energy. <i>Mathematics and Mechanics of Solids</i> , 2021, 26, 708-721. | 2.4 | 7 |
| 83 | On the characteristics of reflected waves in Rotating Functionally graded Initially stressed piezoelectric-orthotropic half-space. <i>Waves in Random and Complex Media</i> , 0, , 1-15. | 2.7 | 7 |
| 84 | Analysis of reflection and refraction of plane wave at the separating interface of two functionally graded incompressible monoclinic media under initial stress and gravity. <i>European Physical Journal Plus</i> , 2020, 135, 1. | 2.6 | 7 |
| 85 | Analysis of plane wave reflection phenomenon from the surface of a micro-mechanically modeled piezomagnetic fiber-reinforced composite half-space. <i>Waves in Random and Complex Media</i> , 0, , 1-22. | 2.7 | 7 |
| 86 | Remarks on the scattering phenomena of love-type wave propagation in a layered porous piezoelectric structure containing surface irregularity. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 2398-2429. | 2.6 | 7 |
| 87 | Effect of Internal Friction and the Lamé Ratio on Stoneley Wave Propagation in Viscoelastic Media of Order 1. <i>International Journal of Geomechanics</i> , 2016, 16, 04015090. | 2.7 | 6 |
| 88 | Influence of magnetic effect, anisotropy, irregularity, initial stress and heterogeneity on propagation of SH-wave in an irregular pre-stressed magnetoelastic monoclinic sandwiched layer. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1. | 1.3 | 6 |
| 89 | Reflection and Transmission of P-Waves in an Intermediate Layer Lying Between Two Semi-infinite Media. <i>Pure and Applied Geophysics</i> , 2018, 175, 4305-4319. | 1.9 | 6 |
| 90 | Analysis on the propagation of Griffith crack in a magnetoelastic self-reinforced strip subjected to moving punch of constant load. <i>Archive of Applied Mechanics</i> , 2021, 91, 791-808. | 2.2 | 6 |

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|-----|--|-----|-----------|
| 91 | Electromechanical coupling and mass loading sensitivity of SH waves in a dielectrically imperfect piezoelectric structure. <i>International Journal of Solids and Structures</i> , 2021, 210-211, 49-65. | 2.7 | 6 |
| 92 | Reflection and transmission of thermoelastic waves at the corrugated interface of crystalline structure. <i>Journal of Thermal Stresses</i> , 2021, 44, 469-512. | 2.0 | 6 |
| 93 | Reflection of three-dimensional plane waves at the free surface of a rotating triclinic half-space under the context of generalized thermoelasticity. <i>Applied Mathematics and Mechanics (English)</i> Tj ETQq1 1 0.784314 rgBT (Overlo | | |
| 94 | Analysis of reflection and transmission phenomenon at distinct bonding interfaces in a rotating pre-stressed functionally graded piezoelectric-orthotropic structure. <i>Applied Mathematics and Computation</i> , 2021, 409, 126398. | 2.2 | 6 |
| 95 | Green's function analysis of shear wave propagation in heterogeneous poroelastic sandwiched layer influenced by an impulsive source. <i>Wave Motion</i> , 2021, 107, 102821. | 2.0 | 6 |
| 96 | Frequency shifts and thermoelastic damping in distinct Micro-/Nano-scale piezothermoelastic fiber-reinforced composite beams under three heat conduction models. <i>Journal of Ocean Engineering and Science</i> , 2022, , . | 4.3 | 6 |
| 97 | Impact of inhomogeneous fiber-reinforced layer with frictional interface on Rayleigh-type wave propagation. <i>Journal of Engineering Mathematics</i> , 2019, 114, 159-176. | 1.2 | 5 |
| 98 | Rayleigh-type wave propagation on a transversely isotropic viscoelastic layer with yielding and rigid foundations. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 107-118. | 2.6 | 5 |
| 99 | Two-Dimensional Plane Wave Reflection and Transmission in a Layered Highly Anisotropic Media under Initial Stress. <i>Journal of Earthquake Engineering</i> , 2020, 24, 1867-1885. | 2.5 | 5 |
| 100 | Reflection of plane waves on the stress-free and rigid boundary surfaces of pre-stressed piezoelectric-orthotropic substrate: A comparative approach. <i>Mechanics of Advanced Materials and Structures</i> , 2020, , 1-12. | 2.6 | 5 |
| 101 | Effect of Heterogeneity, Irregularity, and Reinforcement on the Stress Produced by a Moving Load on a Self-Reinforced Composite Half-Space. <i>International Journal of Geomechanics</i> , 2016, 16, 04015066. | 2.7 | 4 |
| 102 | Influence of rectangular and parabolic irregularities on the propagation behavior of transverse wave in a piezoelectric layer. <i>Multidiscipline Modeling in Materials and Structures</i> , 2017, 13, 188-216. | 1.3 | 4 |
| 103 | Shear wave propagation in a slightly compressible finitely deformed layer over a foundation with pre-stressed fibre-reinforced stratum and dry sandy viscoelastic substrate. <i>Waves in Random and Complex Media</i> , 2021, 31, 847-866. | 2.7 | 4 |
| 104 | Green's function analysis of mass loading sensitivity on the shear wave propagation induced by a point source in piezo-electro-magnetic structure. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 3511-3532. | 4.7 | 4 |
| 105 | Love-type wave in low-velocity piezoelectric-viscoelastic stratum with mass loading. <i>Acta Mechanica</i> , 2021, 232, 1253-1271. | 2.1 | 4 |
| 106 | Mathematical study on reflection and transmission of plane waves in a rotating piezo-thermo-elastic composite structure. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 2941-2952. | 2.6 | 4 |
| 107 | An improved estimation procedure of population mean in two-occasion successive sampling. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 3930-3938. | 1.0 | 3 |
| 108 | Propagation of Rayleigh type wave in an initially Stressed Voigt Type Viscoelastic Layer. <i>Procedia Engineering</i> , 2017, 173, 1162-1168. | 1.2 | 3 |

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|-----|--|-----|-----------|
| 109 | Influence of yielding base and rigid base on propagation of Rayleigh-type wave in a viscoelastic layer of Voigt type. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017, 42, 1459-1471. | 1.3 | 3 |
| 110 | Love Wave Propagation in Vertical Heterogeneous Fiber-Reinforced Stratum Imperfectly Bonded to a Micropolar Elastic Substrate. <i>International Journal of Geomechanics</i> , 2018, 18, . | 2.7 | 3 |
| 111 | Influence of doubly loaded elastic void pores and distinct inhomogeneity in the sandwiched layered composite structure. <i>Waves in Random and Complex Media</i> , 2020, , 1-18. | 2.7 | 3 |
| 112 | Dispersion and attenuation of shear wave in couple stress stratum due to point source. <i>JVC/Journal of Vibration and Control</i> , 2022, 28, 1754-1768. | 2.6 | 3 |
| 113 | Impact of imperfect corrugated interface in piezoelectric-piezomagnetic composites on reflection and refraction of plane waves. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 573-591. | 1.1 | 3 |
| 114 | Influence of imperfectly bonded piezoelectric layer with irregularity on propagation of Love-type wave in a reinforced composite structure. <i>Structural Engineering and Mechanics</i> , 2017, 62, 325-344. | 1.0 | 3 |
| 115 | Effect of corrugation on the dispersion of Love-type wave in a layer with monoclinic symmetry, overlying an initially stressed transversely isotropic half-space. <i>Multidiscipline Modeling in Materials and Structures</i> , 2017, 13, 308-325. | 1.3 | 2 |
| 116 | Analysis of propagation characteristics of a shear wave in a frictionally bonded fibre-reinforced stratum. <i>Acta Mechanica</i> , 2018, 229, 4229-4238. | 2.1 | 2 |
| 117 | Numerical modelling of SH-wave propagation in initially-stressed multilayered composite structures. <i>Engineering Computations</i> , 2019, 36, 271-306. | 1.4 | 2 |
| 118 | Impact of curved boundary on the propagation characteristics of Rayleigh-type wave and SH-wave in a prestressed monoclinic media. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 1274-1287. | 2.6 | 2 |
| 119 | Study on propagation characteristics of SH-wave in an imperfectly bonded functionally graded structure with viscoelastic stratum and fibre-reinforced substrate. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1. | 1.3 | 2 |
| 120 | Influence of Abrupt Thickening on the Shear Wave Propagation on Reduced Cosserat Media with Imperfect Interface. <i>International Journal of Geomechanics</i> , 2022, 22, . | 2.7 | 2 |
| 121 | Mathematical Study of Reflection and Transmission Phenomenon of Plane Waves at the Interface of Two Dissimilar Initially Stressed Rotating Micro-Mechanically Modeled Piezoelectric Fiber-Reinforced Composite Half-spaces. , 2022, , 131-162. | | 2 |
| 122 | Effects of linear and exponential heterogeneity on the dynamic response of a moving load in an irregular isotropic half-space: a comparative study. <i>Geomechanics and Geoengineering</i> , 2016, 11, 201-218. | 1.8 | 1 |
| 123 | Influence of distinct type of imperfect interfaces on reflection and transmission phenomena of triclinic thermoelastic structure. <i>Journal of Thermal Stresses</i> , 2021, 44, 1096-1120. | 2.0 | 1 |
| 124 | Generation and Propagation of SH Waves Due to Shearing Stress Discontinuity in Linear Orthotropic Viscoelastic Layered Structure. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1. | 1.6 | 1 |
| 125 | Analysis of generated shear wave due to stress discontinuity in a monoclinic layered structure. <i>Waves in Random and Complex Media</i> , 0, , 1-29. | 2.7 | 1 |
| 126 | Propagation of Rayleigh-type wave in an initially stressed heterogeneous crustal layer resting on rigid surface. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Wave analysis at frictional interface: A case wise study. European Physical Journal Plus, 2018, 133, 1. | 2.6 | 0 |
| 128 | A new dispersive wave with Love-type waves in a microstructure due to an impulsive point source. Waves in Random and Complex Media, 0, , 1-23. | 2.7 | 0 |
| 129 | Moving load response on the stresses produced in an irregular microstretch substrate. Structural Engineering and Mechanics, 2016, 60, 175-191. | 1.0 | 0 |