

Mourad Oudich

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

596
citations

933447

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940533

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16
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16
docs citations

16
times ranked

507
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Development of a Love-Wave Biosensor Based on an Analytical Model. Chemosensors, 2022, 10, 81. | 3.6 | 2 |
| 2 | Reflective Metasurfaces with Multiple Elastic Mode Conversions for Broadband Underwater Sound Absorption. Physical Review Applied, 2022, 17, . | 3.8 | 28 |
| 3 | Observation of Degenerate Zero-Energy Topological States at Disclinations in an Acoustic Lattice. Physical Review Letters, 2022, 128, 174301. | 7.8 | 35 |
| 4 | Twisted pillared phononic crystal plates. Applied Physics Letters, 2022, 120, . | 3.3 | 6 |
| 5 | Micropillared Surface to Enhance the Sensitivity of a Love-Wave Sensor. Physical Review Applied, 2022, 17, . | 3.8 | 6 |
| 6 | Low-frequency nonreciprocal flexural wave propagation via compact cascaded time-modulated resonators. Applied Physics Letters, 2022, 120, . | 3.3 | 4 |
| 7 | Photonic analog of bilayer graphene. Physical Review B, 2021, 103, . | 3.2 | 26 |
| 8 | Three-Dimensional Trampolinelike Behavior in an Ultralight Elastic Metamaterial. Physical Review Applied, 2021, 16, . | 3.8 | 12 |
| 9 | Nonreciprocal Sound Propagation via Cascaded Time-Modulated Slab Resonators. Physical Review Applied, 2021, 16, . | 3.8 | 4 |
| 10 | Numerical characterization of Love waves dispersion in viscoelastic guiding-layer under viscous fluid. Journal of Applied Physics, 2020, 128, . | 2.5 | 4 |
| 11 | Magic-angle bilayer phononic graphene. Physical Review B, 2020, 102, . | 3.2 | 37 |
| 12 | Routing Acoustic Waves via a Metamaterial with Extreme Anisotropy. Physical Review Applied, 2019, 12, . | 3.8 | 16 |
| 13 | Space-time phononic crystals with anomalous topological edge states. Physical Review Research, 2019, 1, . | 3.6 | 18 |
| 14 | Complex band structures and evanescent Bloch waves in two-dimensional finite phononic plate. Journal of Applied Physics, 2012, 112, . | 2.5 | 16 |
| 15 | Broadband plate-type acoustic metamaterial for low-frequency sound attenuation. Applied Physics Letters, 2012, 101, . | 3.3 | 119 |
| 16 | A sonic band gap based on the locally resonant phononic plates with stubs. New Journal of Physics, 2010, 12, 083049. | 2.9 | 263 |