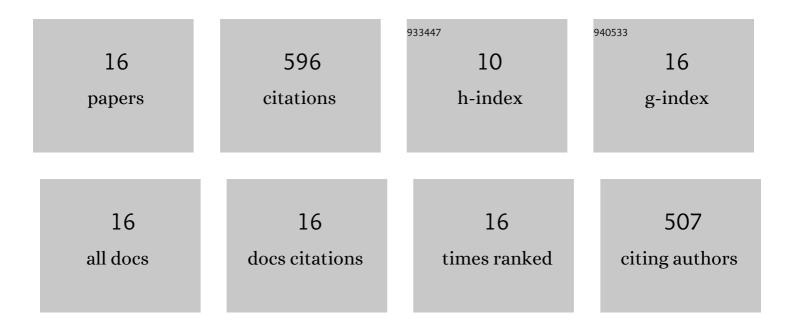
Mourad Oudich

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2453613/publications.pdf Version: 2024-02-01



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