

# Mourad Oudich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2453613/publications.pdf>

Version: 2024-02-01

16  
papers

596  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

507  
citing authors

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