Nurettin Korozlu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2825343/publications.pdf

Version: 2024-02-01

27 papers	579 citations	623734 14 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	473 citing authors

#	Article	IF	Citations
1	Continuously tunable acoustic Fano resonance in side-coupled Helmholtz resonator array assisted by a surface phononic crystal. Applied Physics Letters, 2022, 120, .	3.3	7
2	Acoustic sorting of airborne particles by a phononic crystal waveguide. Ultrasonics, 2022, 124, 106777.	3.9	8
3	Broad omnidirectional acoustic band gaps in a three-dimensional phononic crystal composed of face-centered cubic Helmholtz resonator network. Journal of the Acoustical Society of America, 2021, 150, 1591-1596.	1.1	4
4	Luminescent coreâ€“shell Ca2MoO5:Eu3+-MCM-41 structure for sustained drug release. Materials Today Chemistry, 2021, 22, 100581.	3.5	3
5	Determination of methanol concentration in ethanol in liquid phase by a phononic crystal Mach-Zehnder interferometer. Physica Scripta, 2021, 96, 125032.	2.5	5
6	Fano enhancement of unlocalized nonlinear optical processes. Physical Review B, 2021, 104, .	3.2	4
7	The photoluminescence and thermoluminescence characteristics of the Eu3+ doped CaMoO4: Detailed kinetic analysis of TL glow curves. Journal of Luminescence, 2020, 222, 117130.	3.1	7
8	One-dimensional surface phononic crystal ring resonator and its application in gas sensing. Applied Physics Letters, 2019, 115, .	3.3	17
9	Ultrasonic Gas Sensing by Two-Dimensional Surface Phononic Crystal Ring Resonators. ACS Sensors, 2019, 4, 1761-1765.	7.8	25
10	Gas sensing through evanescent coupling of spoof surface acoustic waves. Sensors and Actuators B: Chemical, 2019, 288, 259-265.	7.8	14
11	Self-collimation and slow-sound effect of spoof surface acoustic waves. Journal of Applied Physics, 2019, 125, .	2.5	11
12	Acoustic Tamm states of three-dimensional solid-fluid phononic crystals. Journal of the Acoustical Society of America, 2018, 143, 756-764.	1.1	12
13	Compact acoustic lens composed of annular cavities covered by a membrane. Applied Physics Letters, 2018, 113, .	3.3	4
14	Acoustophoretic separation of airborne millimeter-size particles by a Fresnel lens. Scientific Reports, 2017, 7, 43374.	3.3	12
15	First-Principles Study on the MAX Phases Ti n+1GaN n (nÂ=Â1,2, and 3). Journal of Electronic Materials, 2016, 45, 4256-4264.	2.2	29
16	The elastic and mechanical properties of MB12 (M=Zr, Hf, Y, Lu) as a function of pressure. Journal of Alloys and Compounds, 2013, 546, 157-164.	5.5	95
17	The electronic and optical properties of MB₁₂(M = Zr, Hf, Y, Lu) dodecaboride compounds. Physica Scripta, 2013, 87, 015702.	2.5	6
18	First principles studies of elastic, electronic and optical properties of chalcopyrite semiconductor ZnSnP2. Journal of Alloys and Compounds, 2012, 529, 1-7.	5.5	85

#	Article	IF	Citations
19	Electronic, elastic and optical properties on the Zn1âˆ'x Mg x Se mixed alloys. Journal of Materials Science, 2011, 46, 1007-1014.	3.7	22
20	The structural, electronic and optical properties of CdxZn1âˆ'xSe ternary alloys. Optics Communications, 2011, 284, 1863-1867.	2.1	61
21	The structural, electronic and optical properties of InxGa1âˆ'xP alloys. Physica B: Condensed Matter, 2010, 405, 2357-2361.	2.7	23
22	The electronic and optical properties of mixed alloys. Solid State Communications, 2010, 150, 1413-1418.	1.9	19
23	The effects of concentration on the electronic and optical properties in Cd_xZn_{1âˆ'x}S ternary alloys. Physica Status Solidi (B): Basic Research, 2010, 247, 1214-1219.	1.5	19
24	Ab-initio investigation of structural, electronic and optical properties of InxGa1âˆ'xAs, GaAs1âˆ'yPy ternary and InxGa1âˆ'xAs1âˆ'yPy quaternary semiconductor alloys. Journal of Alloys and Compounds, 2010, 496, 226-233.	5.5	35
25	Thermo-elastic and lattice dynamical properties of Rh3Hf compound. Computational Materials Science, 2010, 48, 859-865.	3.0	19
26	First-principles study of structural, elastic, lattice dynamical and thermodynamical properties of GdX (X = Bi, Sb). Philosophical Magazine, 2010, 90, 1833-1852.	1.6	9
27	Structural, electronic, elastic and optical properties of Cd_xZn_{1âˆ'x}Te mixed crystals. Journal of Physics Condensed Matter, 2009, 21, 175406.	1.8	24