SÃ¼leyman Ãabuk

List of Publications by Year
in descending order

19 papers	196 citations	1163117 8 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	260 citing authors

#	Article	IF	Citations
1	Urbach rule and optical properties of the LiNbO3and LiTaO3. Journal of Optics, 1999, 1, 424-427.	1.5	28
2	Structural, electronic, elastic and vibrational properties of BiAlO3: A first principles study. Journal of Alloys and Compounds, 2013, 574, 520-525.	5.5	24
3	First-principles study of the structural, elastic and electronic properties of SbXI (X=S, Se, Te) crystals. Journal of Molecular Modeling, 2018, 24, 66.	1.8	23
4	Ab initiostudy of the structural, electronic and optical properties of NaTaO₃. Philosophical Magazine, 2010, 90, 2965-2976.	1.6	18
5	Ab initio volume-dependent elastic and lattice dynamics properties of KTaO₃. Physica Status Solidi (B): Basic Research, 2010, 247, 93-97.	1.5	17
6	First-principles study of structural, elastic, electronic and vibrational properties of BiCoO3. Solid State Sciences, 2014, 34, 1-7.	3.2	16
7	The nonlinear optical susceptibility and electro-optic tensor of ferroelectrics: first-principle study. Open Physics, 2012, 10, .	1.7	15
8	First-principles studies of the electronic structure and optical properties of AgBO3 (B=Nb,Ta) in the paraelectric phase. Open Physics, 2008, 6, .	1.7	12
9	Mechanical, electronic and optical properties of SeZnO₃: a GGA+U study. Philosophical Magazine, 2020, 100, 601-618.	1.6	8
10	Ab initio study of the lattice dynamical and thermodynamic properties of SbXI (X= S, Se, Te) compounds. Computational Condensed Matter, 2018, 16, e00320.	2.1	7
11	Investigation of structural and mechanical properties of rutile SnO₂. Materials Research Express, 2019, 6, 085069.	1.6	7
12	Ab initio study of the linear and nonlinear optical responses in BiAlO3. Philosophical Magazine, 2016, 96, 190-207.	1.6	6
13	DFT - based study of electronic structures and mechanical properties of LiTaO₃: ferroelectric and paraelectric phases. Philosophical Magazine, 2017, 97, 2469-2483.	1.6	6
14	FIRST-PRINCIPLES STUDY OF THE ELECTRONIC, LINEAR, AND NONLINEAR OPTICAL PROPERTIES OF Li(Nb, Ta)O₃. International Journal of Modern Physics B, 2010, 24, 6277-6290.	2.0	5
15	Argand Diagram and Oscillation Description of Electron State in Ferroelastic Crystals. Ferroelectrics, 2004, 307, 19-23.	0.6	1
16	First-principles study of electronic structure and optical properties of Sr(Ti,Zr)O3. Open Physics, 2013, 11, .	1.7	1
17	Magnetic, electronic and mechanical properties of SeXO3 (XÂ= Mn, Ni) with the LSDAÂ+ U framework. Journal of Alloys and Compounds, 2021, 850, 156674.	5.5	1
18	Structure and electronic properties of LnScO3 compounds: A GGAÂ+ÂU calculation. Computational Materials Science, 2022, 208, 111350.	3.0	1

#	Article	IF	Citations
19	Electret States in Some Electrooptical Materials. Ferroelectrics, 2003, 296, 117-125.	0.6	0