

A L J Pereira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9459098/publications.pdf>

Version: 2024-02-01

34
papers

671
citations

471371

17
h-index

552653

26
g-index

35
all docs

35
docs citations

35
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Multilayered $\text{TiO}_2/\text{TiO}_2^{x\%}/\text{TiO}_2$ films deposited by reactive sputtering for photocatalytic applications. <i>Journal of Materials Research</i> , 2021, 36, 3096-3108.	1.2	5
2	Unveiling the role of the lone electron pair in sesquioxides at high pressure: compressibility of Pb_2O_3 . <i>Dalton Transactions</i> , 2021, 50, 5493-5505.	1.6	7
3	Experimental and Theoretical Study of SbPO_4 under Compression. <i>Inorganic Chemistry</i> , 2020, 59, 287-307.	1.9	14
4	Black TiO_2 Thin Films Production Using Hollow Cathode Hydrogen Plasma Treatment: Synthesis, Material Characteristics and Photocatalytic Activity. <i>Catalysts</i> , 2020, 10, 282.	1.6	25
5	Characterization and Decomposition of the Natural van der Waals SnSb_2Te_4 under Compression. <i>Inorganic Chemistry</i> , 2020, 59, 9900-9918.	1.9	31
6	Pressure-Induced Phase Transitions in Sesquioxides. <i>Crystals</i> , 2019, 9, 630.	1.0	21
7	Experimental and Theoretical Study of $\text{Bi}_2\text{O}_2\text{Se}$ Under Compression. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8853-8867.	1.5	46
8	Influence of substrate on the structure of predominantly anatase TiO_2 films grown by reactive sputtering. <i>RSC Advances</i> , 2018, 8, 7062-7071.	1.7	5
9	Structural, vibrational, and electrical study of compressed BiTeBr . <i>Physical Review B</i> , 2016, 93, .	1.1	25
10	Ordered helium trapping and bonding in compressed arsenolite: Synthesis of As_2O_3 . <i>Physical Review B</i> , 2016, 93, .	1.1	29
11	Structural and electrical study of compressed Bi_2Te_3 . <i>Physical Review B</i> , 2016, 93, .	1.1	16
12	Structural and optical properties of $\text{Ta}_2\text{O}_5:\text{Eu}^{3+}$: Mg^{2+} or Ca^{2+} phosphor prepared by molten salt method. <i>AIP Conference Proceedings</i> , 2016, .	0.3	3
13	Structural and electrical study of the topological insulator SnBi_2Te_4 at high pressure. <i>Journal of Alloys and Compounds</i> , 2016, 685, 962-970.	2.8	28
14	Young's modulus and creep compliance of GaAs and $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ ferromagnetic thin films under thermal stress at varied manganese doping levels. <i>Materials Science-Poland</i> , 2015, 33, 340-347.	0.4	0
15	Electrical transport mechanisms and structure of hydrogenated and non-hydrogenated nanocrystalline $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ films. <i>Journal of Alloys and Compounds</i> , 2015, 630, 78-83.	2.8	2
16	Crystal Structure of Sinalite MgAlBO_4 under High Pressure. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6777-6784.	1.5	5
17	Structural and Vibrational Study of Pseudocubic CdIn_2Se_4 under Compression. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26987-26999.	1.5	7
18	Storage moduli, loss moduli and damping factor of GaAs and $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ thin films using DMA 2980. <i>Materials Science in Semiconductor Processing</i> , 2014, 20, 23-26.	1.9	3

#	ARTICLE	IF	CITATIONS
19	<i>Pbc</i> -Type In_2O_3 : The High-Pressure Post-Corundum phase at Room Temperature.. Journal of Physical Chemistry C, 2014, 118, 20545-20552.	1.5	27
20	Isostructural Second-Order Phase Transition of $\hat{\Gamma}^2\text{-Bi}_2\text{O}_3$ at High Pressures: An Experimental and Theoretical Study. Journal of Physical Chemistry C, 2014, 118, 23189-23201.	1.5	59
21	Compressibility Systematics of Calcite-Type Borates: An Experimental and Theoretical Structural Study on ABO_3 (A = Al, Sc, Fe, and In). Journal of Physical Chemistry C, 2014, 118, 4354-4361.	1.5	22
22	Pressure effects on the vibrational properties of $\hat{\Gamma}^2\text{-Bi}_2\text{O}_3$: an experimental and theoretical study. Journal of Physics Condensed Matter, 2014, 26, 225401.	0.7	21
23	Structural study of $\hat{\Gamma}^2\text{-Bi}_2\text{O}_3$ under pressure. Journal of Physics Condensed Matter, 2013, 25, 475402.	0.7	42
24	Magnetic characteristics of nanocrystalline GaMnN films deposited by reactive sputtering. Solid State Sciences, 2013, 17, 97-101.	1.5	2
25	Oscillations studied with the smartphone ambient light sensor. European Journal of Physics, 2013, 34, 1349-1354.	0.3	62
26	Enhancement of optical absorption by modulation of the oxygen flow of TiO_2 films deposited by reactive sputtering. Journal of Applied Physics, 2012, 111, .	1.1	28
27	Structural and Electronic Effects of Incorporating Mn in TiO_2 Films Grown by Sputtering: Anatase versus Rutile. Journal of Physical Chemistry C, 2012, 116, 8753-8762.	1.5	28
28	Structural and vibrational study of cubic Sb_2O_3 under high pressure. Physical Review B, 2012, 85, .	1.1	71
29	Theoretical study of the influence of salt doping in the functioning of OLEDs. Journal of Materials Chemistry, 2010, 20, 9470.	6.7	2
30	Disorder effects produced by the Mn and H incorporations on the optical absorption edge of $\text{Ga}_{1-x}\text{Mn}_x\text{As:H}$ nanocrystalline films. Journal of Non-Crystalline Solids, 2008, 354, 5372-5377.	1.5	8
31	Local and Global Magnetic properties of $\text{Zn}_{1-x}\text{Co}_x\text{O}$, ZnCo_2O_4 and Mn-doped GaAs thin films. , 2006, , .		0
32	Nanocrystalline GaN and GaN: H films grown by RF-magnetron sputtering. Brazilian Journal of Physics, 2006, 36, 978-981.	0.7	7
33	Nanocrystalline $\text{Ga}_{1-x}\text{Mn}_x\text{N}$ films grown by reactive sputtering. Journal of Crystal Growth, 2006, 294, 309-314.	0.7	19
34	Local and Global Magnetic Properties of $\text{Zn}_{1-x}\text{Co}_x\text{O}$ and Mn-Doped GaAs Thin Films. IEEE Transactions on Magnetics, 2006, 42, 2700-2702.	1.2	1