

Neno D Todorov

List of Publications by Year in descending order

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19
papers

397
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1163117

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846
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman spectra of R_2O_3 ($R = \text{rare earth}$) sesquioxides with C-type bixbyite crystal structure: A comparative study. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	111
2	Raman studies of cation distribution and thermal stability of epitaxial spinel $NiCo_2O_4$ films. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	98
3	Structural $YCrO_3$ and $YMnO_3$ Raman spectroscopy and lattice dynamical calculations of Sc_2O_3 and $YCrO_3$. <i>Physical Review B</i> , 2013, 87, .	3.2	56
4	Frequency dependence of the quasi-soft Raman-active modes in rotationally distorted $R_2B_2O_7$ perovskites ($R = \text{rare earth}$). <i>Physical Review B</i> , 2013, 87, .	3.2	31
5	Lattice dynamics of the $R_2B_2O_7$ perovskites ($R = \text{rare earth}$). <i>Physical Review B</i> , 2013, 87, .	1.8	26
6	Phonon and magnon Raman scattering in $LiFe_2O_4$ phases of $LiFe_2O_4$. <i>Physical Review B</i> , 2013, 88, .	3.2	25
7	Raman spectroscopy of $\alpha\text{-FeOOH}$ (goethite) near antiferromagnetic to paramagnetic phase transition. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	15
8	Phonon and magnon Raman scattering in CuB_2O_7 . <i>Physical Review B</i> , 2013, 88, .	3.2	10
9	Infrared response of ± 1 and ± 2 -phases of $LiFe_5O_8$. <i>Physical Review B</i> , 2011, 84, .	3.2	6
10	Raman spectroscopy and lattice-dynamical calculations of Sc_2CrO_6 single crystals. <i>Physical Review B</i> , 2012, 85, .	3.2	5
11	Strong surface enhanced Raman scattering from gold nanoarrays obtained by direct laser writing. <i>Journal of Physics: Conference Series</i> , 2016, 764, 012023.	0.4	4
12	Optical phonons of $NdBaCo_2O_{5+x}$: lattice dynamics calculations. <i>AIP Conference Proceedings</i> , 2010, .	0.4	2
13	Structural stability of Sc_3CrO_6 : A Raman spectroscopic study. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1362-1371.	2.5	2
14	Three Persian Qajar paintings from the National Gallery Sofia. Study of the technology and the composition materials for the purpose of dating and conservation evaluation. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	2
15	Silver Flowerlike Structures for Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2021, 11, 3184.	4.1	2
16	Synthesis and characterization of $RBaCo_2O_{5+x}$ ($R = \text{La, Nd, Gd, Y and Ho}$). <i>Journal of Physics: Conference Series</i> , 2010, 253, 012071.	0.4	1
17	Graphene-induced bi-tilted two-component smectic CG phase with bulk ferroelectricity in hydrogen-bonded dimer liquid crystals. <i>Journal of Molecular Liquids</i> , 2018, 272, 97-105.	4.9	1
18	Raman Scattering of Si Matrix with Randomly Distributed Nanoparticles of Semiconducting Silicides. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 768-774.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Chiralization and ferroelectric state induction in nanostructured liquid crystals. Journal of Physics: Conference Series, 2016, 682, 012001.	0.4	0