

A Yu Glamazda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8640539/publications.pdf>

Version: 2024-02-01

42
papers

633
citations

687363

13
h-index

580821

25
g-index

42
all docs

42
docs citations

42
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	IR vibrational modes and spin-phonon interplay in magnetoelectric LiNiPO ₄ . Low Temperature Physics, 2022, 48, 246-252.	0.6	1
2	Spectroscopy analysis of the alignment of nanoassemblies of DNA-wrapped carbon nanotubes in stretched gelatin film. Low Temperature Physics, 2022, 48, 286-292.	0.6	0
3	Doping from CDW to topological superconductivity: The role of defects on phonon scattering in the non-centrosymmetric PbxTaSe2. Low Temperature Physics, 2021, 47, 912-919.	0.6	1
4	Raman scattering study of the rare-earth binary ferroborate Nd _{0.75} Dy _{0.25} Fe ₃ (BO ₃) ₄ single crystal. Low Temperature Physics, 2021, 47, 1011-1021.	0.6	0
5	Tailoring the surface plasmon resonance energy of Au nanowire arrays by defect management and thermal treatment. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 121, 114092.	2.7	2
6	The Effect of Divalent Metal Ions on the Temperature Stability of Poly(l:C) Duplex. Journal of Spectroscopy, 2020, 2020, 1-7.	1.3	3
7	Noncovalent interaction of single-walled carbon nanotubes with graphene/graphene oxide: Spectroscopy and theoretical characterizations. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 124, 114279.	2.7	1
8	Spectroscopic study of the TbAl ₃ (BO ₃) ₄ single crystal: Raman and luminescence spectroscopy. Low Temperature Physics, 2020, 46, 1223-1230.	0.6	0
9	Dichotomic nature of spin and electronic fluctuations in FeSe. Physical Review B, 2019, 99, .	3.2	7
10	Spectroscopic study of binding of a cationic Pheophorbide-a to an antiparallel quadruplex Tel22. Biopolymers and Cell, 2019, 35, 129-142.	0.4	1
11	Oxygen vacancy induced structural evolution of $\text{SrFeO}_{3-\delta}$ epitaxial thin film from brownmillerite to perovskite. Physical Review B, 2018, 97, .	3.2	23
12	Soft tilt and rotational modes in the hybrid improper ferroelectric $\text{Ca}_3\text{Mn}_7\text{O}_{23}$. Physical Review B, 2018, 97, .	3.2	23
13	Behavior of hybrid thermosensitive nanosystem dextran-graft-PNIPAM/gold nanoparticles: characterization within LCTS. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	10
14	Comparative Raman scattering study of Ba ₃ MSb ₂ O ₉ (M = Zn, Co and Cu). Low Temperature Physics, 2017, 43, 543-550.	0.6	2
15	Relation between Kitaev magnetism and structure in M_3O_{10} . Physical Review B, 2017, 95, .	3.2	23
16	Quantum criticality in the coupled two-leg spin ladder $\text{Ba}_2\text{Mg}_2\text{Si}_2\text{O}_{10}$. Physical Review B, 2017, 95, .	3.2	23
17	Interaction of a tricationic meso-substituted porphyrin with guanine-containing polyribonucleotides of various structures. Methods and Applications in Fluorescence, 2016, 4, 034005.	2.3	6
18	Raman spectroscopic signature of fractionalized excitations in the harmonic-honeycomb iridates Ir^{2-} and Ir^{3-} -Li ₂ IrO ₃ . Nature Communications, 2016, 7, 12286.	12.8	81

#	ARTICLE	IF	CITATIONS
19	Structural instability of the CoO ₄ tetrahedral chain in SrCoO ₃ thin films. Journal of Applied Physics, 2015, 118, .	2.5	17
20	Proximity to a commensurate charge modulation in IrTe ₂ Se ($x=0$ and 0.45) revealed by Raman spectroscopy. New Journal of Physics, 2014, 16, 093061.	2.9	17
21	Collective excitations in the metallic triangular antiferromagnet PdCrO ₂ . Physical Review B, 2014, 90, .	3.2	7
22	Effects of hole doping on magnetic and lattice excitations in SrIr ₂ O ₇ and Ru ₂ O ₇ . Physical Review B, 2014, 89, .	3.2	23
23	Excitonic energy transfer in polymer wrapped carbon nanotubes in gradually grown nanoassemblies. Physical Chemistry Chemical Physics, 2014, 16, 10914-10922.	2.8	9
24	Self-assemblies of tricationic porphyrin on inorganic polyphosphate. Biophysical Chemistry, 2014, 185, 39-46.	2.8	6
25	Charge gap and charge-phonon coupling in LuFe ₂ O ₇ . Physical Review B, 2013, 87, .	3.2	7
26	Competing lattice fluctuations and magnetic excitations in CuO. Physical Review B, 2013, 87, .	3.2	10
27	Raman scattering in non-polymerized and photo-polymerized C ₆₀ films at 5K. Low Temperature Physics, 2012, 38, 854-862.	0.6	4
28	Noncovalent Interaction of Single-Walled Carbon Nanotubes with 1-Pyrenebutanoic Acid Succinimide Ester and Glucoseoxidase. Journal of Physical Chemistry C, 2011, 115, 21072-21082.	3.1	54
29	Raman spectroscopy of DNA-wrapped single-walled carbon nanotube films at 295 and 5K. Low Temperature Physics, 2010, 36, 373-381.	0.6	9
30	Raman Spectroscopy and Theoretical Characterization of Nanohybrids of Porphyrins with Carbon Nanotubes. Journal of Physical Chemistry C, 2010, 114, 16215-16222.	3.1	24
31	Raman Spectroscopy Study and First-Principles Calculations of the Interaction between Nucleic Acid Bases and Carbon Nanotubes. Journal of Physical Chemistry A, 2009, 113, 3621-3629.	2.5	49
32	RNA-Wrapped Carbon Nanotubes Aggregation Induced by Polymer Hybridization. Molecular Crystals and Liquid Crystals, 2008, 497, 7/[339]-19/[351].	0.9	8
33	Luminescence investigations of hybrids of carbon nanotubes with DNA in a water suspension and film at 290K. Low Temperature Physics, 2008, 34, 1033-1037.	0.6	3
34	Luminescence and Raman scattering of nonpolymerized and photopolymerized fullerene films at 297 and 5K. Low Temperature Physics, 2007, 33, 704-709.	0.6	6
35	Emission of carbon nanotube-DNA-GOX bionanohybrid for glucose detection. Proceedings of SPIE, 2007, , .	0.8	0
36	COMPOSITE FULLERENE MEMBRANES AND THEIR APPLICABILITY AS ELEMENTS OF VENTILATION-FILTRATION-DISINFECTION SYSTEMS. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
37	Interaction of fragmented double-stranded DNA with carbon nanotubes in aqueous solution. <i>Molecular Physics</i> , 2006, 104, 3193-3201.	1.7	40
38	Raman Spectroscopy and SEM Study of SWNTs in Aqueous Solution and Films with Surfactant or Polymer Surroundings. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 221-225.	2.1	4
39	SWNTs with DNA in Aqueous Solution and Film. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	2
40	Noncovalent Functionalization of Single-Walled Carbon Nanotubes for Biological Application: Raman and NIR Absorption Spectroscopy. , 2004, , 139-150.		2
41	Raman spectroscopy of HiPCO single-walled carbon nanotubes at 300 and 5 K. <i>Carbon</i> , 2003, 41, 1567-1574.	10.3	33
42	Combined Raman scattering and ab initio investigation of the interaction between pyrene and carbon SWNT. <i>Molecular Physics</i> , 2003, 101, 2609-2614.	1.7	39