

# A Yu Glamazda

## List of Publications by Year in descending order

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42  
papers

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citations

687363

13  
h-index

580821

25  
g-index

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42  
docs citations

42  
times ranked

1173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relation between Kitaev magnetism and structure in $\text{Sr}_2\text{IrO}_7$ . Physical Review B, 2017, 95, .	3.2	23
2	Raman spectroscopic signature of fractionalized excitations in the harmonic-honeycomb iridates $\text{Ir}^{2-}$ and $\text{Ir}^{3-}\text{-Li}_2\text{IrO}_3$ . Nature Communications, 2016, 7, 12286.	12.8	81
3	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
4	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
5	Interaction of fragmented double-stranded DNA with carbon nanotubes in aqueous solution. Molecular Physics, 2006, 104, 3193-3201.	1.7	40
6	Combined Raman scattering and ab initio investigation of the interaction between pyrene and carbon SWNT. Molecular Physics, 2003, 101, 2609-2614.	1.7	39
7	Raman spectroscopy of HiPCO single-walled carbon nanotubes at 300 and 5 K. Carbon, 2003, 41, 1567-1574.	10.3	33
8	Raman Spectroscopy and Theoretical Characterization of Nanohybrids of Porphyrins with Carbon Nanotubes. Journal of Physical Chemistry C, 2010, 114, 16215-16222.	3.1	24
9	Effects of hole doping on magnetic and lattice excitations in $\text{Sr}_2\text{IrO}_7$ . Physical Review B, 2014, 89, .	3.2	23
10	Soft tilt and rotational modes in the hybrid improper ferroelectric $\text{Ca}_3\text{Ir}_2\text{O}_{10}$ . Physical Review B, 2018, 97, .	3.2	23
11	Proximity to a commensurate charge modulation in $\text{IrTe}_2\text{Se}_x$ ( $x=0$ and $0.45$ ) revealed by Raman spectroscopy. New Journal of Physics, 2014, 16, 093061.	2.9	17
12	Structural instability of the $\text{CoO}_4$ tetrahedral chain in $\text{SrCoO}_3$ thin films. Journal of Applied Physics, 2015, 118, .	2.5	17
13	Oxygen vacancy induced structural evolution of $\text{SrFeO}_3$ epitaxial thin film from brownmillerite to perovskite. Physical Review B, 2018, 97, .	3.2	23
14	Competing lattice fluctuations and magnetic excitations in $\text{CuO}$ . Physical Review B, 2013, 87, .	3.2	10
15	Behavior of hybrid thermosensitive nanosystem dextran-graft-PNIPAM/gold nanoparticles: characterization within LCTS. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	10
16	Raman spectroscopy of DNA-wrapped single-walled carbon nanotube films at 295 and 5K. Low Temperature Physics, 2010, 36, 373-381.	0.6	9
17	Excitonic energy transfer in polymer wrapped carbon nanotubes in gradually grown nanoassemblies. Physical Chemistry Chemical Physics, 2014, 16, 10914-10922.	2.8	9
18	RNA-Wrapped Carbon Nanotubes Aggregation Induced by Polymer Hybridization. Molecular Crystals and Liquid Crystals, 2008, 497, 7/[339]-19/[351].	0.9	8

#	ARTICLE	IF	CITATIONS
19	Quantum criticality in the coupled two-leg spin ladder $BaCu_2Sb_2O_{10}$ . Physical Review B, 2017, 95, .	3.2	7
20	Charge gap and charge-phonon coupling in LuFeO <sub>3</sub> . Physical Review B, 2013, 87, .	3.2	7
21	Collective excitations in the metallic triangular antiferromagnet PdCrO <sub>2</sub> . Physical Review B, 2014, 90, .	3.2	7
22	Dichotomic nature of spin and electronic fluctuations in FeSe. Physical Review B, 2019, 99, .	3.2	7
23	Luminescence and Raman scattering of nonpolymerized and photopolymerized fullerene films at 297 and 5K. Low Temperature Physics, 2007, 33, 704-709.	0.6	6
24	Self-assemblies of tricationic porphyrin on inorganic polyphosphate. Biophysical Chemistry, 2014, 185, 39-46.	2.8	6
25	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
26	Raman Spectroscopy and SEM Study of SWNTs in Aqueous Solution and Films with Surfactant or Polymer Surroundings. Fullerenes Nanotubes and Carbon Nanostructures, 2006, 14, 221-225.	2.1	4
27	Raman scattering in non-polymerized and photo-polymerized C60films at 5K. Low Temperature Physics, 2012, 38, 854-862.	0.6	4
28	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
29	The Effect of Divalent Metal Ions on the Temperature Stability of Poly(I:C) Duplex. Journal of Spectroscopy, 2020, 2020, 1-7.	1.3	3
30	SWNTs with DNA in Aqueous Solution and Film. AIP Conference Proceedings, 2005, , .	0.4	2
31	Noncovalent Functionalization of Single-Walled Carbon Nanotubes for Biological Application: Raman and NIR Absorption Spectroscopy. , 2004, , 139-150.		2
32	Comparative Raman scattering study of Ba <sub>3</sub> MSb <sub>2</sub> O <sub>9</sub> (M=Zn, Co and Cu). Low Temperature Physics, 2017, 43, 543-550.	0.6	2
33	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
34	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
35	Spectroscopic study of binding of a cationic Pheophorbide-a to an antiparallel quadruplex Tel22. Biopolymers and Cell, 2019, 35, 129-142.	0.4	1
36	Doping from CDW to topological superconductivity: The role of defects on phonon scattering in the non-centrosymmetric PbxTaSe <sub>2</sub> . Low Temperature Physics, 2021, 47, 912-919.	0.6	1

#	ARTICLE	IF	CITATIONS
37	IR vibrational modes and spin-phonon interplay in magnetoelectric $\text{LiNiPO}_4$ . Low Temperature Physics, 2022, 48, 246-252.	0.6	1
38	Emission of carbon nanotube-DNA-GOX bionanohybrid for glucose detection. Proceedings of SPIE, 2007, , .	0.8	0
39	COMPOSITE FULLERENE MEMBRANES AND THEIR APPLICABILITY AS ELEMENTS OF VENTILATION-FILTRATION-DISINFECTION SYSTEMS. , 2007, , .		0
40	Spectroscopic study of the $\text{TbAl}_3(\text{BO}_3)_4$ single crystal: Raman and luminescence spectroscopy. Low Temperature Physics, 2020, 46, 1223-1230.	0.6	0
41	Raman scattering study of the rare-earth binary ferroborate $\text{Nd}_{0.75}\text{Dy}_{0.25}\text{Fe}_3(\text{BO}_3)_4$ single crystal. Low Temperature Physics, 2021, 47, 1011-1021.	0.6	0
42	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