

# Taras Yu Gromovoy

## List of Publications by Year in descending order

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29  
papers

570  
citations

623734

14  
h-index

610901

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Oxidized Single-Walled Carbon Nanotubes with Vaporous Aliphatic Amines. <i>Journal of Physical Chemistry B</i> , 2002, 106, 1588-1597.	2.6	117
2	Mechanisms of amino acid polycondensation on silica and alumina surfaces. <i>Origins of Life and Evolution of Biospheres</i> , 1990, 20, 483-498.	1.9	66
3	A Novel Approach to the Synthesis of Symmetric Optically Active 2,5-Dioxopiperazines. <i>Synthesis</i> , 1992, 1992, 449-451.	2.3	59
4	Comparative study of amino acid adsorption on bare and octadecyl silica from water using high-performance liquid chromatography. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 118, 127-140.	4.7	41
5	Solvent-free covalent functionalization of nanodiamond with amines. <i>Applied Surface Science</i> , 2013, 275, 324-334.	6.1	35
6	Chemical transformations of proteinogenic amino acids during their sublimation in the presence of silica. <i>Origins of Life and Evolution of Biospheres</i> , 1991, 21, 129-144.	1.9	26
7	Adsorption of small biological molecules on silica from diluted aqueous solutions: Quantitative characterization and implications to the Bernal's hypothesis. <i>Origins of Life and Evolution of Biospheres</i> , 1995, 25, 375-393.	1.9	25
8	Solvent-free functionalization of fullerene C60 and pristine multi-walled carbon nanotubes with aromatic amines. <i>Applied Surface Science</i> , 2015, 328, 45-62.	6.1	22
9	Growth of peptide chains on silica in absence of amino acid access from without. <i>Origins of Life and Evolution of Biospheres</i> , 1991, 21, 119-128.	1.9	21
10	Solvent-Free Derivatization of Pristine Multi-Walled Carbon Nanotubes with Amines. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 984-990.	0.9	19
11	Interaction of meso-Tetraphenylporphines with C60 Fullerene: Comparison of Several Density Functional Theory Functionals Implemented in DMol3 Module. <i>Journal of Computational and Theoretical Nanoscience</i> , 2010, 7, 1095-1103.	0.4	17
12	The Gas-Solid-Phase 2,5-Dioxopiperazine Synthesis. Cyclization of Vaporous Dipeptides on Silica Surface. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 461-466.	1.0	16
13	Nanostructured Diamine-Fullerene Derivatives: Computational Density Functional Theory Study and Experimental Evidence for their Formation via Gas-Phase Functionalization. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1663-1676.	2.5	15
14	Free energies of adsorption of amino acids, short linear peptides and 2,5-piperazinediones on silica from water as estimated from high-performance liquid-chromatographic retention data. <i>Adsorption</i> , 1996, 2, 145-152.	3.0	14
15	Reactions of vaporous proteinogenic $\alpha$ -amino acids on silica and alumina surfaces. <i>Reaction Kinetics and Catalysis Letters</i> , 1993, 50, 297-303.	0.6	13
16	Fluorine-containing block/branched polyamphiphiles forming bioinspired complexes with biopolymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 393-400.	5.0	12
17	Solvent-Free Covalent Functionalization of Fullerene C60 and Pristine Multi-Walled Carbon Nanotubes with Crown Ethers. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6173-6184.	0.9	8
18	Interaction of Thermally Pretreated Carbon Nanomaterials with Water Vapor. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 77-81.	0.9	7

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19	Fullerene C60 Films Cross-Linked with Octane-1,8-Dithiol: Preparation, Characterization and the Use as Template for Chemical Deposition of Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 3828-3837.	0.9	7
20	Diluted and concentrated organosols of fullerene C60 in the toluene-acetonitrile solvent system as studied by diverse experimental methods. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 315-330.	2.1	7
21	Microwave Irradiation of Pristine Multi-Walled Carbon Nanotubes in Vacuum. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 448-455.	0.9	6
22	Devising an express method for estimating the quality of colostrum and its components based on electrical conductivity. <i>Eastern-European Journal of Enterprise Technologies</i> , 2021, 1, 69-77.	0.5	5
23	Free Energies of Adsorption of Dipeptides and 2,5-Piperazinediones on Silica from Neutral Aqueous Solutions as Estimated from High-Performance Liquid-Chromatographic Retention Data. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 1721-1728.	1.0	5
24	Influence of polymers on lysozyme molecules association. <i>Biopolymers and Cell</i> , 2011, 27, 442-445.	0.4	3
25	Free energies of amino acid adsorption on silica in neutral aqueous medium as estimated from high-performance liquid-chromatographic retention data. <i>Amino Acids</i> , 1994, 7, 305-309.	2.7	2
26	Laser desorption/ionization time of flight mass spectrometry of phosphorus-containing carbons. <i>Carbon</i> , 2013, 53, 405-408.	10.3	2
27	Reactions of microcrystalline fullerene C60 with amino and aza macrocyclic ligands under solvent-free conditions. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 491-501.	2.1	0
28	Low-molecular components of colostrum as a regulator of the organism redox-system and biological antidote. <i>EUREKA Life Sciences</i> , 2021, , 56-64.	0.2	0
29	4,5-Dinitrosulfonefluorescein and related dyes: Kinetics of reversible rupture of the pyran ring and their interaction with lysozyme. <i>Coloration Technology</i> , 0, , .	1.5	0