

# Eugene A Sosnov

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7966095/eugene-a-sosnov-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

215  
citations

8  
h-index

11  
g-index

54  
ext. papers

227  
ext. citations

1.1  
avg, IF

2.75  
L-index

#	Paper	IF	Citations
53	Effect of the modification of barium titanate on the permittivity of its composites with cyanoethyl ester of polyvinyl alcohol. <i>Glass Physics and Chemistry</i> , <b>2011</b> , 37, 624-628	0.7	24
52	Effect of chemical modification on structural and energy characteristics of the surface of polyethylene and polyvinyl chloride films. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 622-629	0.8	16
51	New silicone hydrogels based on interpenetrating polymer networks comprising polysiloxane and poly(vinyl alcohol) networks. <i>Polymers for Advanced Technologies</i> , <b>2009</b> , 20, 367-377	3.2	15
50	Structural-dimensional effects and their application in the "core-shell" systems synthesized by the molecular layering. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 1939-1962	1.7	14
49	Synthesis and transformations of Ti-containing structures on the surface of silica gel. <i>Applied Surface Science</i> , <b>1997</b> , 108, 133-139	6.7	13
48	Influence of chemical modification of the surface of low-density polyethylene on its electret properties. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 461-465	0.8	12
47	Hydrolytic stability of the Si-O-Ti bonds in the chemical assembly of titania nanostructures on silica surfaces. <i>Russian Chemical Reviews</i> , <b>2010</b> , 79, 907-920	6.8	9
46	A new approach to processing electronic diffuse reflectance spectra. <i>Russian Journal of Physical Chemistry A</i> , <b>2009</b> , 83, 642-648	0.7	9
45	The effect exerted by temperature on the phase formation of titanium oxide layer on silica surface at different stages of molecular layering. <i>Russian Journal of Applied Chemistry</i> , <b>2010</b> , 83, 1511-1519	0.8	7
44	Synthesis and in situ gravimetric monitoring of formation of titanium-oxide layer on silica surface. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1227-1231	0.8	6
43	Chemical transformations at the silica surface upon sequential interactions with titanium tetrachloride and ammonia vapors. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 2533-2540	0.7	5
42	Synthesis and properties of polyvinyl chloride films with modified surface. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1316-1320	0.8	5
41	Surface structure and thermal oxidative degradation of the reaction products of polyethylene with PCl <sub>3</sub> and VOCl <sub>3</sub> vapors. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1854-1858	0.8	5
40	Structure of the products of TiCl <sub>4</sub> chemisorption on the surface of porous silica in the process of vapor-phase hydrolysis. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 1176-1182	0.7	4
39	AFM examination of nanolayers synthesised by the molecular layering method on the surface of manufacturing glasses. <i>Semiconductors</i> , <b>2007</b> , 41, 498-501	0.7	4
38	Structure of products formed in chemisorption of titanium tetrachloride by porous silicas. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 2057-2062	0.8	4
37	Features of sample preparation and atomic force microscopy study of dispersed nanomaterials. <i>Journal of Surface Investigation</i> , <b>2008</b> , 2, 699-704	0.5	4

36	The influence of titanium oxide nanocoatings on the surface quality of glass products for electronic devices. <i>Glass Physics and Chemistry</i> , <b>2006</b> , 32, 70-74	0.7	4
35	Calculation of the Stoichiometric Composition of Nanostructures Synthesized by Molecular Layer Deposition on the Surface of Solid Matrices. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 367-374	0.8	4
34	Atomic force microscopic study of variations in the surface morphology of porous silica upon thermal treatment. <i>Colloid Journal</i> , <b>2012</b> , 74, 380-385	1.1	3
33	Effect of annealing atmosphere and electron beam pre-irradiation on the properties of SrGa <sub>2</sub> S <sub>4</sub> :Eu phosphor films. <i>Optical Materials</i> , <b>2013</b> , 35, 1109-1111	3.3	3
32	Influence of chemical modification of the surface of polyethylene with phosphorus, boron, titanium, vanadium, and silicon halides on its vapor permeability. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1413-1418	0.8	3
31	Effect of the substrate nature on the formation of thin titanium dioxide films by molecular layering. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 2051-2055	0.8	3
30	Preparation of tin oxide nanocoatings on borosilicate glass by the molecular layering method. <i>Glass Physics and Chemistry</i> , <b>2008</b> , 34, 534-542	0.7	3
29	Study of high-porous silica surface by atomic force microscopy re]20071018. <i>Journal of Surface Investigation</i> , <b>2008</b> , 2, 696-698	0.5	3
28	Influence of the physicochemical treatment procedure on the morphology and properties of the polyvinyl chloride film surface. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1857-1861	0.8	3
27	Effect of the chemical modification of the filler surface on the structure and permeability of a composite film based on polyvinyl chloride. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 110-117	0.8	2
26	Properties of Polytetrafluoroethylene Films Modified with Titanium and Phosphorus Oxide Structures. <i>Russian Journal of Applied Chemistry</i> , <b>2019</b> , 92, 1128-1134	0.8	2
25	Chemical assembly of a titanium oxide layer on microporous silica. <i>Russian Journal of General Chemistry</i> , <b>2017</b> , 87, 1786-1793	0.7	2
24	Synthesis and protective properties of titanium nitride coatings on willemite. <i>Russian Journal of Applied Chemistry</i> , <b>2012</b> , 85, 1070-1076	0.8	2
23	Electrophosphor brightness enhancement via plasma modification of raw materials. <i>Inorganic Materials</i> , <b>2010</b> , 46, 1166-1170	0.9	2
22	The nature of the surface of pyrogenic titanium dioxide according to the optical spectroscopy data. <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 1028-1032	0.7	2
21	AFM application for in situ study of adsorption processes. <i>Semiconductors</i> , <b>2007</b> , 41, 495-497	0.7	2
20	Formation and properties of the nanocluster structure of iron oxides. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 1755-1767	1.7	2
19	Growth of Titanium Oxide Nanostructures on H <sub>2</sub> O <sub>2</sub> by Atomic Layer Deposition. <i>Inorganic Materials</i> , <b>2020</b> , 56, 1234-1241	0.9	2

18	Atomic Force Microscopy for Studies of Molecular Layering Products. <i>Journal of Surface Investigation</i> , <b>2018</b> , 12, 1310-1322	0.5	2
17	Effect of a Thermal-Vacuum Treatment and X-Ray Radiation on the Morphology and Electrical Properties of Titanium Oxide Nanocoatings. <i>Russian Journal of Applied Chemistry</i> , <b>2019</b> , 92, 883-892	0.8	1
16	Temperature effect on polymorphic transformations in silica matrix-titania coating systems. <i>Inorganic Materials</i> , <b>2011</b> , 47, 495-501	0.9	1
15	Changes in electrical and optical properties of polyimide films under the action of accelerated electrons. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 1276-1280	0.8	1
14	METHOD OF ESDR-SPECTRA PROCESSING FOR THE CHARACTERIZATION OF NANOSTRUCTURES AT THE SOLID-SURFACE. <i>Integrated Ferroelectrics</i> , <b>2008</b> , 103, 41-51	0.8	1
13	Organic-inorganic cross-linked structures prepared from reactive n-butyl methacrylate-3-(trimethoxysilyl)propyl methacrylate copolymers. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 93-101	0.8	1
12	Antimicrobial polymeric composite films for medical use. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 128-130	0.8	1
11	Effect of the metallic modifier is nature on the surface microstructure of the phenolic carboplastic-steel interface. <i>Journal of Friction and Wear</i> , <b>2008</b> , 29, 470-476	0.9	1
10	Thermal Transformations of Titanium Oxochloride Nanostructures on Silica Surface. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 859-864	0.8	1
9	Nanotechnology of Molecular Layering in Production of Inorganic and Hybrid Materials for Various Functional Purposes (a Review): I. History of the Development of the Molecular Layering Method. <i>Russian Journal of Applied Chemistry</i> , <b>2021</b> , 94, 1022-1037	0.8	1
8	Effect of Composition and Structure of Element Oxide Nanostructures Grafted at Polyethylene Film Surface on Electret Characteristics of the Polymer. <i>Russian Journal of General Chemistry</i> , <b>2021</b> , 91, 1075-1083	0.7	1
7	Phase Transitions in the Bulk and on Surfaces of Titanium Dioxide during Heat Treatment. <i>Russian Journal of Physical Chemistry A</i> , <b>2022</b> , 96, 179-189	0.7	0
6	Scanning probe microscopy estimation of the wear resistance of the surface of a modified PVC film. <i>Russian Metallurgy (Metally)</i> , <b>2017</b> , 2017, 312-318	0.5	
5	Synthesis and properties of a zinc cadmium sulfide based low-voltage cathodoluminescent phosphors. <i>Inorganic Materials</i> , <b>2011</b> , 47, 697-699	0.9	
4	Surface morphology of antifrictional polymer materials: Experience in atomic force and electron microscopy. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 2192-2200	0.7	
3	Nanotechnology of Molecular Layering in Production of Inorganic and Hybrid Materials for Various Functional Purposes: II. Molecular Layering Technology and Prospects for Its Commercialization and Development in the XXI Century. <i>Russian Journal of Applied Chemistry</i> , <b>2021</b> , 94, 1189-1215	0.8	
2	Influence of Structure of Chemically Grafted onto Polyethylene Surface Two-Component Titanium-Phosphoroxide Nanostructures on the Properties of Composite Material. <i>Russian Journal of Applied Chemistry</i> , <b>2020</b> , 93, 1192-1201	0.8	
1	Experimental Assessment of the Structural Parameters of Highly Porous Silica: Probe Microscopy Data. <i>Glass Physics and Chemistry</i> , <b>2019</b> , 45, 365-371	0.7	

