Natalya A Gloushankova

List of Publications by Year
in descending order

43	1,351	257101 24	344852 36
papers	citations	h-index	g-index

43	43	43	1752
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cadherin-mediated cell-cell interactions in normal and cancer cells. Tissue Barriers, 2017, 5, e1356900.	1.6	102
2	Boron Nitride Nanoparticles with a Petal-Like Surface as Anticancer Drug-Delivery Systems. ACS Applied Materials & Interfaces, 2015, 7, 17217-17225.	4.0	87
3	Design, characterization and testing of Ti-based multicomponent coatings for load-bearing medical applications. Biomaterials, 2005, 26, 2909-2924.	5.7	81
4	Dynamics of contacts between lamellae of fibroblasts: Essential role of the actin cytoskeleton. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4362-4367.	3.3	70
5	Myosin-dependent contractile activity of the actin cytoskeleton modulates the spatial organization of cell-cell contacts in cultured epitheliocytes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9666-9670.	3.3	58
6	Cell-cell contact changes the dynamics of lamellar activity in nontransformed epitheliocytes but not in their ras-transformed descendants. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 879-883.	3.3	57
7	Role of Epithelial-Mesenchymal Transition in Tumor Progression. Biochemistry (Moscow), 2018, 83, 1469-1476.	0.7	57
8	Multifunctional biocompatible nanostructured coatings for load-bearing implants. Surface and Coatings Technology, 2006, 201, 4111-4118.	2.2	56
9	Antibacterial biocompatible PCL nanofibers modified by COOH-anhydride plasma polymers and gentamicin immobilization. Materials and Design, 2018, 153, 60-70.	3.3	54
10	Rearrangements of the Actin Cytoskeleton and E-Cadherinâ€“Based Adherens Junctions Caused by Neoplasic Transformation Change Cellâ€“Cell Interactions. PLoS ONE, 2009, 4, e8027.	1.1	53
11	Multifunctional Tiâ€“(Ca,Zr)â€“(C,N,O,P) films for load-bearing implants. Biomaterials, 2006, 27, 3519-31.	5.7	44
12	Toward bioactive yet antibacterial surfaces. Colloids and Surfaces B: Biointerfaces, 2015, 135, 158-165.	2.5	39
13	Changes in regulation of cellâ€”cell adhesion during tumor transformation. Biochemistry (Moscow), 2008, 73, 742-750.	0.7	38
14	Comparison of Different Approaches to Surface Functionalization of Biodegradable Polycaprolactone Scaffolds. Nanomaterials, 2019, 9, 1769.	1.9	37
15	Ta-doped multifunctional bioactive nanostructured films. Surface and Coatings Technology, 2008, 202, 3615-3624.	2.2	35
16	Ag(Pt) nanoparticles-decorated bioactive yet antibacterial Ca- and P-doped TiO2 coatings produced by plasma electrolytic oxidation and ion implantation. Applied Surface Science, 2020, 516, 146068.	3.1	34
17	Changes in p53 expression can modify cell shape of ras-transformed fibroblasts and epitheliocytes. Oncogene, 1997, 15, 2985-2989.	2.6	33
18	Si-doped multifunctional bioactive nanostructured films. Surface and Coatings Technology, 2010, 205, 728-739.	2.2	33

#	Article	IF	Citations
19	Early Events in Actin Cytoskeleton Dynamics and E-Cadherin-Mediated Cell-Cell Adhesion during Epithelial-Mesenchymal Transition. Cells, 2020, 9, 578.	1.8	33
20	Characteristics and in vitro response of thin hydroxyapatiteâ€“titania films produced by plasma electrolytic oxidation of Ti alloys in electrolytes with particle additions. RSC Advances, 2016, 6, 12688-12698.	1.7	32
21	A new combined approach to metal-ceramic implants with controllable surface topography, chemistry, blind porosity, and wettability. Surface and Coatings Technology, 2012, 208, 14-23.	2.2	30
22	Continual assembly of desmosomes within stable intercellular contacts of epithelial A-431 cells. Cell and Tissue Research, 2003, 314, 399-410.	1.5	27
23	Effect of BN Nanoparticles Loaded with Doxorubicin on Tumor Cells with Multiple Drug Resistance. ACS Applied Materials & Interfaces, 2017, 9, 32498-32508.	4.0	27
24	Role of the microtubular system in morphological organization of normal and oncogene-transfected epithelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8597-8601.	3.3	25
25	Ag- and Cu-doped multifunctional bioactive nanostructured TiCaPCON films. Applied Surface Science, 2013, 285, 331-343.	3.1	25
26	Bioactive TiCaPCON-coated PCL nanofibers as a promising material for bone tissue engineering. Applied Surface Science, 2019, 479, 796-802.	3.1	23
27	Phenotypic Plasticity of Cancer Cells Based on Remodeling of the Actin Cytoskeleton and Adhesive Structures. International Journal of Molecular Sciences, 2021, 22, 1821.	1.8	22
28	Antibacterial Performance of TiCaPCON Films Incorporated with Ag, Pt, and Zn: Bactericidal Ions Versus Surface Microgalvanic Interactions. ACS Applied Materials & Interfaces, 2018, 10, 24406-24420.	4.0	18
29	A Novel Role of E-Cadherin-Based Adherens Junctions in Neoplastic Cell Dissemination. PLoS ONE, 2015, 10, e0133578.	1.1	16
30	Recent progress in the field of multicomponent bioactive nanostructured films. RSC Advances, 2013, 3, 11107.	1.7	14
31	Two approaches to form antibacterial surface: Doping with bactericidal element and drug loading. Applied Surface Science, 2015, 330, 339-350.	3.1	14
32	Different concepts for creating antibacterial yet biocompatible surfaces: Adding bactericidal element, grafting therapeutic agent through COOH plasma polymer and their combination. Applied Surface Science, 2021, 556, 149751.	3.1	11
33	Dual role of E-cadherin in cancer cells. Tissue Barriers, 2022, 10, 2005420.	1.6	11
34	Microstructure and biological properties of titanium dioxide coatings doped with bioactive and bactericidal elements. Applied Surface Science, 2022, 575, 151755.	3.1	10
35	Dynamics of active lamellae in cultured epithelial cells: effects of expression of exogenous N-ras oncogene.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 5322-5325.	3.3	9
36	Structural transformations in TiC-CaO-Ti3PO(x)-(Ag2Ca) electrodes and biocompatible TiCaPCO(N)-(Ag) coatings during pulsed electrospark deposition. Surface and Coatings Technology, 2016, 302, 327-335.	2.2	9

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37	Morphology, cell-cell interactions, and migratory activity of IAR-2 epithelial cells transformed with the RAS oncogene: Contribution of cell adhesion protein E-Cadherin. Russian Journal of Developmental Biology, 2011, 42, 402-411.	0.1	8
38	Microstructure, chemical and biological performance of boron-modified TiCaPCON films. Applied Surface Science, 2019, 465, 486-497.	3.1	7
39	Combustion synthesis of Ti-C-Co-Ca3(PO4)2-Ag-Mg electrodes and their utilization for pulsed electrospark deposition of bioactive coatings having an antibacterial effect. Surface and Coatings Technology, 2017, 309, 75-85.	2.2	6
40	The influence of elemental composition and surface topography on adhesion, proliferation and differentiation of osteoblasts. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2010, 4, 272-276.	0.3	4
41	An In Vitro System to Study the Epithelialâ€“Mesenchymal Transition In Vitro. Methods in Molecular Biology, 2018, 1749, 29-42.	0.4	2
42	Recent Progress in the Field of Multicomponent Biocompatible Nanostructured Films. Key Engineering Materials, 2013, 587, 263-268.	0.4	0
43	INDUCTION OF EPITHELIAL-TO-MESENCHYMAL TRANSITION IN MCF-7-SNAI1 CELLS LEADS TO REORGANIZATION OF ADHERENS JUNCTIONS AND ACQUISITION OF MIGRATORY ACTIVITY. Siberian Journal of Oncology, 2018, 17, 24-29.	0.1	0