Natalya A Gloushankova

List of Publications by Year
in descending order

43 papers	1,351 citations	257101 24 h-index	344852 36 g-index
43 all docs	43 docs citations	43 times ranked	1752 citing authors

#	Article	IF	Citations
1	Microstructure and biological properties of titanium dioxide coatings doped with bioactive and bactericidal elements. Applied Surface Science, 2022, 575, 151755.	3.1	10
2	Dual role of E-cadherin in cancer cells. Tissue Barriers, 2022, 10, 2005420.	1.6	11
3	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
4	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
5	Early Events in Actin Cytoskeleton Dynamics and E-Cadherin-Mediated Cell-Cell Adhesion during Epithelial-Mesenchymal Transition. Cells, 2020, 9, 578.	1.8	33
6	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
7	Bioactive TiCaPCON-coated PCL nanofibers as a promising material for bone tissue engineering. Applied Surface Science, 2019, 479, 796-802.	3.1	23
8	Comparison of Different Approaches to Surface Functionalization of Biodegradable Polycaprolactone Scaffolds. Nanomaterials, 2019, 9, 1769.	1.9	37
9	Microstructure, chemical and biological performance of boron-modified TiCaPCON films. Applied Surface Science, 2019, 465, 486-497.	3.1	7
10	An In Vitro System to Study the Epithelialâ€"Mesenchymal Transition In Vitro. Methods in Molecular Biology, 2018, 1749, 29-42.	0.4	2
11	Role of Epithelial-Mesenchymal Transition in Tumor Progression. Biochemistry (Moscow), 2018, 83, 1469-1476.	0.7	57
12	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
13	Antibacterial biocompatible PCL nanofibers modified by COOH-anhydride plasma polymers and gentamicin immobilization. Materials and Design, 2018, 153, 60-70.	3.3	54
14	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
15	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
16	Cadherin-mediated cell-cell interactions in normal and cancer cells. Tissue Barriers, 2017, 5, e1356900.	1.6	102
17	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
18	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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19	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
20	Two approaches to form antibacterial surface: Doping with bactericidal element and drug loading. Applied Surface Science, 2015, 330, 339-350.	3.1	14
21	Boron Nitride Nanoparticles with a Petal-Like Surface as Anticancer Drug-Delivery Systems. ACS Applied Materials & Interfaces, 2015, 7, 17217-17225.	4.0	87
22	Toward bioactive yet antibacterial surfaces. Colloids and Surfaces B: Biointerfaces, 2015, 135, 158-165.	2.5	39
23	A Novel Role of E-Cadherin-Based Adherens Junctions in Neoplastic Cell Dissemination. PLoS ONE, 2015, 10, e0133578.	1.1	16
24	Ag- and Cu-doped multifunctional bioactive nanostructured TiCaPCON films. Applied Surface Science, 2013, 285, 331-343.	3.1	25
25	Recent progress in the field of multicomponent bioactive nanostructured films. RSC Advances, 2013, 3, 11107.	1.7	14
26	Recent Progress in the Field of Multicomponent Biocompatible Nanostructured Films. Key Engineering Materials, 2013, 587, 263-268.	0.4	0
27	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
28	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
29	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
30	Si-doped multifunctional bioactive nanostructured films. Surface and Coatings Technology, 2010, 205, 728-739.	2.2	33
31	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
32	Ta-doped multifunctional bioactive nanostructured films. Surface and Coatings Technology, 2008, 202, 3615-3624.	2.2	35
33	Changes in regulation of cellâ€”cell adhesion during tumor transformation. Biochemistry (Moscow), 2008, 73, 742-750.	0.7	38
34	Multifunctional biocompatible nanostructured coatings for load-bearing implants. Surface and Coatings Technology, 2006, 201, 4111-4118.	2.2	56
35	Multifunctional Tiâ€“(Ca,Zr)â€“(C,N,O,P) films for load-bearing implants. Biomaterials, 2006, 27, 3519-31.	5.7	44
36	Design, characterization and testing of Ti-based multicomponent coatings for load-bearing medical applications. Biomaterials, 2005, 26, 2909-2924.	5.7	81

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37	Continual assembly of desmosomes within stable intercellular contacts of epithelial A-431 cells. Cell and Tissue Research, 2003, 314, 399-410.	1.5	27
38	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
39	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
40	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
41	Changes in p53 expression can modify cell shape of ras-transformed fibroblasts and epitheliocytes. Oncogene, 1997, 15, 2985-2989.	2.6	33
42	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
43	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