

Irina Y Zhitnyak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5610337/publications.pdf>

Version: 2024-02-01

29
papers

1,016
citations

516215

16
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

1557
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual role of E-cadherin in cancer cells. <i>Tissue Barriers</i> , 2022, 10, 2005420.	1.6	11
2	Phenotypic Plasticity of Cancer Cells Based on Remodeling of the Actin Cytoskeleton and Adhesive Structures. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1821.	1.8	22
3	Different concepts for creating antibacterial yet biocompatible surfaces: Adding bactericidal element, grafting therapeutic agent through COOH plasma polymer and their combination. <i>Applied Surface Science</i> , 2021, 556, 149751.	3.1	11
4	The nucleus acts as a ruler tailoring cell responses to spatial constraints. <i>Science</i> , 2020, 370, .	6.0	299
5	Involvement of SASH1 in the Maintenance of Stable Cell-Cell Adhesion. <i>Biochemistry (Moscow)</i> , 2020, 85, 660-667.	0.7	4
6	Early Events in Actin Cytoskeleton Dynamics and E-Cadherin-Mediated Cell-Cell Adhesion during Epithelial-Mesenchymal Transition. <i>Cells</i> , 2020, 9, 578.	1.8	33
7	Bioactive TiCaPCON-coated PCL nanofibers as a promising material for bone tissue engineering. <i>Applied Surface Science</i> , 2019, 479, 796-802.	3.1	23
8	Comparison of Different Approaches to Surface Functionalization of Biodegradable Polycaprolactone Scaffolds. <i>Nanomaterials</i> , 2019, 9, 1769.	1.9	37
9	Microstructure, chemical and biological performance of boron-modified TiCaPCON films. <i>Applied Surface Science</i> , 2019, 465, 486-497.	3.1	7
10	Synergistic and long-lasting antibacterial effect of antibiotic-loaded TiCaPCON-Ag films against pathogenic bacteria and fungi. <i>Materials Science and Engineering C</i> , 2018, 90, 289-299.	3.8	27
11	An In Vitro System to Study the Epithelial-Mesenchymal Transition In Vitro. <i>Methods in Molecular Biology</i> , 2018, 1749, 29-42.	0.4	2
12	Comparative investigation of antibacterial yet biocompatible Ag-doped multicomponent coatings obtained by pulsed electrospark deposition and its combination with ion implantation. <i>Ceramics International</i> , 2018, 44, 3765-3774.	2.3	5
13	Role of Epithelial-Mesenchymal Transition in Tumor Progression. <i>Biochemistry (Moscow)</i> , 2018, 83, 1469-1476.	0.7	57
14	Experimental and Theoretical Study of Doxorubicin Physicochemical Interaction with BN(O) Drug Delivery Nanocarriers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26409-26418.	1.5	14
15	Antibacterial Performance of TiCaPCON Films Incorporated with Ag, Pt, and Zn: Bactericidal Ions Versus Surface Microgalvanic Interactions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24406-24420.	4.0	18
16	INDUCTION OF EPITHELIAL-TO-MESENCHYMAL TRANSITION IN MCF-7-SNAI1 CELLS LEADS TO REORGANIZATION OF ADHERENS JUNCTIONS AND ACQUISITION OF MIGRATORY ACTIVITY. <i>Siberian Journal of Oncology</i> , 2018, 17, 24-29.	0.1	0
17	Effect of BN Nanoparticles Loaded with Doxorubicin on Tumor Cells with Multiple Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32498-32508.	4.0	27
18	Cadherin-mediated cell-cell interactions in normal and cancer cells. <i>Tissue Barriers</i> , 2017, 5, e1356900.	1.6	102

#	ARTICLE	IF	CITATIONS
19	Structural transformations in TiC-CaO-Ti ₃ PO _x -(Ag ₂ Ca) electrodes and biocompatible TiCaPCO(N)-(Ag) coatings during pulsed electrospark deposition. <i>Surface and Coatings Technology</i> , 2016, 302, 327-335.	2.2	9
20	Characteristics and in vitro response of thin hydroxyapatite/titania films produced by plasma electrolytic oxidation of Ti alloys in electrolytes with particle additions. <i>RSC Advances</i> , 2016, 6, 12688-12698.	1.7	32
21	Two approaches to form antibacterial surface: Doping with bactericidal element and drug loading. <i>Applied Surface Science</i> , 2015, 330, 339-350.	3.1	14
22	Boron Nitride Nanoparticles with a Petal-Like Surface as Anticancer Drug-Delivery Systems. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17217-17225.	4.0	87
23	Toward bioactive yet antibacterial surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 158-165.	2.5	39
24	A Novel Role of E-Cadherin-Based Adherens Junctions in Neoplastic Cell Dissemination. <i>PLoS ONE</i> , 2015, 10, e0133578.	1.1	16
25	Ag- and Cu-doped multifunctional bioactive nanostructured TiCaPCON films. <i>Applied Surface Science</i> , 2013, 285, 331-343.	3.1	25
26	A new combined approach to metal-ceramic implants with controllable surface topography, chemistry, blind porosity, and wettability. <i>Surface and Coatings Technology</i> , 2012, 208, 14-23.	2.2	30
27	Morphology, cell-cell interactions, and migratory activity of IAR-2 epithelial cells transformed with the RAS oncogene: Contribution of cell adhesion protein E-Cadherin. <i>Russian Journal of Developmental Biology</i> , 2011, 42, 402-411.	0.1	8
28	The influence of elemental composition and surface topography on adhesion, proliferation and differentiation of osteoblasts. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2010, 4, 272-276.	0.3	4
29	Rearrangements of the Actin Cytoskeleton and E-Cadherin-Based Adherens Junctions Caused by Neoplastic Transformation Change Cell-Cell Interactions. <i>PLoS ONE</i> , 2009, 4, e8027.	1.1	53