

Irina Nazarenko

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

16,108
citations

218381

26
h-index

182168

51
g-index

55
all docs

55
docs citations

55
times ranked

21259
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	5.5	3,973
3	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	2.6	1,064
4	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	5.5	1,020
5	Cell Surface Tetraspanin Tspan8 Contributes to Molecular Pathways of Exosome-Induced Endothelial Cell Activation. <i>Cancer Research</i> , 2010, 70, 1668-1678.	0.4	582
6	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016, 10, 3886-3899.	7.3	397
7	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	1.8	317
8	The emerging role of extracellular vesicles as biomarkers for urogenital cancers. <i>Nature Reviews Urology</i> , 2014, 11, 688-701.	1.9	242
9	CD44 and EpCAM: Cancer-Initiating Cell Markers. <i>Current Molecular Medicine</i> , 2008, 8, 784-804.	0.6	175
10	Do all roads lead to Rome? Routes to metastasis development. <i>International Journal of Cancer</i> , 2011, 128, 2511-2526.	2.3	119
11	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1647027.	5.5	96
12	3D Cellular Architecture Affects MicroRNA and Protein Cargo of Extracellular Vesicles. <i>Advanced Science</i> , 2019, 6, 1800948.	5.6	91
13	Non-coding RNAs in Mesenchymal Stem Cell-Derived Extracellular Vesicles: Deciphering Regulatory Roles in Stem Cell Potency, Inflammatory Resolve, and Tissue Regeneration. <i>Frontiers in Genetics</i> , 2017, 8, 161.	1.1	90
14	Activation-induced internalization differs for the tetraspanins CD9 and Tspan8: Impact on tumor cell motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 106-119.	1.2	76
15	A specific spectral signature of serum and plasma-derived extracellular vesicles for cancer screening. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 835-841.	1.7	66
16	Exosomes as a Potential Tool for a Specific Delivery of Functional Molecules. <i>Methods in Molecular Biology</i> , 2013, 1049, 495-511.	0.4	61
17	Extracellular vesicles in ovarian cancer: applications to tumor biology, immunotherapy and biomarker discovery. <i>Expert Review of Proteomics</i> , 2016, 13, 395-409.	1.3	60
18	The class II tumour suppressor gene H-REV107-1 is a target of interferon-regulatory factor-1 and is involved in IFN β -induced cell death in human ovarian carcinoma cells. <i>Oncogene</i> , 2002, 21, 2829-2839.	2.6	48

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19	Micro-ribonucleic acids and extracellular vesicles repertoire in the spent culture media is altered in women undergoing In Vitro Fertilization. <i>Scientific Reports</i> , 2017, 7, 13525.	1.6	46
20	Rapid Capture of Cancer Extracellular Vesicles by Lipid Patch Microarrays. <i>Advanced Materials</i> , 2021, 33, e2008493.	11.1	43
21	Splice variant transcripts of the anterior gradient 2 gene as a marker of prostate cancer. <i>Oncotarget</i> , 2014, 5, 8681-8689.	0.8	39
22	Tailored Surface-Enhanced Raman Nanopillar Arrays Fabricated by Laser-Assisted Replication for Biomolecular Detection Using Organic Semiconductor Lasers. <i>ACS Nano</i> , 2015, 9, 260-270.	7.3	38
23	Mechanisms of the HRSL3 tumor suppressor function in ovarian carcinoma cells. <i>Journal of Cell Science</i> , 2007, 120, 1393-1404.	1.2	37
24	Opposing effects of fibrosarcoma cell-derived IL-1 β and IL-1 γ on immune response induction. <i>International Journal of Cancer</i> , 2008, 123, 134-145.	2.3	31
25	Tspan8 is expressed in breast cancer and regulates E-cadherin/catenin signalling and metastasis accompanied by increased circulating extracellular vesicles. <i>Journal of Pathology</i> , 2019, 248, 421-437.	2.1	29
26	Geranylgeranylation but Not GTP Loading Determines Rho Migratory Function in T Cells. <i>Journal of Immunology</i> , 2007, 179, 6024-6032.	0.4	27
27	Atypical Protein Kinase C η Exhibits a Proapoptotic Function in Ovarian Cancer. <i>Molecular Cancer Research</i> , 2010, 8, 919-934.	1.5	26
28	Tumorigenicity of IL-1 β and IL-1 γ -Deficient Fibrosarcoma Cells. <i>Neoplasia</i> , 2008, 10, 549-562.	2.3	25
29	LiCl induces TNF- α and FasL production, thereby stimulating apoptosis in cancer cells. <i>Cell Communication and Signaling</i> , 2011, 9, 15.	2.7	25
30	Cytotoxic and genotoxic responses of human lung cells to combustion smoke particles of Miscanthus straw, softwood and beech wood chips. <i>Atmospheric Environment</i> , 2017, 163, 138-154.	1.9	25
31	Biodegradable Nanocarriers Resembling Extracellular Vesicles Deliver Genetic Material with the Highest Efficiency to Various Cell Types. <i>Small</i> , 2020, 16, e1904880.	5.2	25
32	H-REV107-1 Stimulates Growth in Non-Small Cell Lung Carcinomas via the Activation of Mitogenic Signaling. <i>American Journal of Pathology</i> , 2006, 169, 1427-1439.	1.9	24
33	Extracellular vesicles or free circulating DNA: where to search for BRAF and cKIT mutations?. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 875-882.	1.7	23
34	International Society for Extracellular Vesicles: first annual meeting, April 17-21, 2012: ISEV-2012. <i>Journal of Extracellular Vesicles</i> , 2012, 1, 19995.	5.5	22
35	Extracellular Vesicles: Recent Developments in Technology and Perspectives for Cancer Liquid Biopsy. <i>Recent Results in Cancer Research</i> , 2020, 215, 319-344.	1.8	20
36	Suppression of the TIG3 tumor suppressor gene in human ovarian carcinomas is mediated via mitogen-activated kinase-dependent and -independent mechanisms. <i>International Journal of Cancer</i> , 2005, 116, 894-902.	2.3	16

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37	Revealing non-genetic adhesive variations in clonal populations by comparative single-cell force spectroscopy. <i>Experimental Cell Research</i> , 2012, 318, 2155-2167.	1.2	16
38	The CD151-midkine pathway regulates the immune microenvironment in inflammatory breast cancer. <i>Journal of Pathology</i> , 2020, 251, 63-73.	2.1	14
39	Highly Sensitive Nanomagnetic Quantification of Extracellular Vesicles by Immunochromatographic Strips: A Tool for Liquid Biopsy. <i>Nanomaterials</i> , 2022, 12, 1579.	1.9	14
40	Expression of the tetraspanin family members Tspan3, Tspan4, Tspan5 and Tspan7 during <i>Xenopus laevis</i> embryonic development. <i>Gene Expression Patterns</i> , 2013, 13, 1-11.	0.3	13
41	CEBP β , JunD and c-Jun contribute to the transcriptional activation of the metastasis-associated C4.4A gene. <i>International Journal of Cancer</i> , 2007, 120, 2135-2147.	2.3	12
42	Impact of β 1-adrenoceptor expression on contractile properties of vascular smooth muscle cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1215-R1221.	0.9	11
43	Synovial Sarcoma Microvesicles Harbor the SYT-SSX Fusion Gene Transcript: Comparison of Different Methods of Detection and Implications in Biomarker Research. <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	11
44	Collaborative Action of Surface Chemistry and Topography in the Regulation of Mesenchymal and Epithelial Markers and the Shape of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28554-28565.	4.0	11
45	Layer-by-Layer Assembled Capsule Size Affects the Efficiency of Packaging and Delivery of Different Genetic Cargo. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2000228.	1.2	11
46	European Network on Microvesicles and Exosomes in Health and Disease (ME-HaD). <i>European Journal of Pharmaceutical Sciences</i> , 2017, 98, 1-3.	1.9	10
47	Wnt5A modulates integrin expression in a receptor-dependent manner in ovarian cancer cells. <i>Scientific Reports</i> , 2021, 11, 5885.	1.6	8
48	Surface-Enhanced Raman Spectroscopy to Characterize Different Fractions of Extracellular Vesicles from Control and Prostate Cancer Patients. <i>Biomedicines</i> , 2021, 9, 580.	1.4	7
49	Efficient Small Extracellular Vesicles (EV) Isolation Method and Evaluation of EV-Associated DNA Role in Cell-Cell Communication in Cancer. <i>Cancers</i> , 2022, 14, 2068.	1.7	6
50	Raman and SERS spectroscopy for characterization of extracellular vesicles from control and prostate carcinoma patients. , 2020, , .		3
51	Correction: Cell Surface Tetraspanin Tspan8 Contributes to Molecular Pathways of Exosome-Induced Endothelial Cell Activation. <i>Cancer Research</i> , 2010, 70, 6683-6683.	0.4	1
52	Three-dimensional cell models for extracellular vesicles production, isolation, and characterization. <i>Methods in Enzymology</i> , 2020, 645, 209-230.	0.4	1
53	Surface-Enhanced Raman Spectroscopy (SERS) using Nanopillar Arrays as Functional Substrates and an Organic Semiconductor DFB Laser as Excitation Source. , 2014, , .		0
54	Narrow bandwidth resonances in periodic plasmonic structures. , 2014, , .		0

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55	Multiparametric Characterization and Quantitative Detection of Extracellular Vesicles by a Combination of Optical and Magnetic Techniques. , 2020, , .		0