

# Irina Nazarenko

## List of Publications by Citations

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49  
papers

10,178  
citations

25  
h-index

55  
g-index

55  
ext. papers

13,341  
ext. citations

7.6  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
49	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> , <b>2018</b> , 7, 1535750	16.4	3642
48	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , <b>2015</b> , 4, 27066	16.4	2611
47	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001450	9.7	800
46	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , <b>2015</b> , 4, 30087	16.4	722
45	Cell surface tetraspanin Tspan8 contributes to molecular pathways of exosome-induced endothelial cell activation. <i>Cancer Research</i> , <b>2010</b> , 70, 1668-78	10.1	474
44	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , <b>2016</b> , 10, 3886-99	16.7	304
43	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , <b>2015</b> , 31, 933-9	7.2	256
42	The emerging role of extracellular vesicles as biomarkers for urogenital cancers. <i>Nature Reviews Urology</i> , <b>2014</b> , 11, 688-701	5.5	201
41	CD44 and EpCAM: cancer-initiating cell markers. <i>Current Molecular Medicine</i> , <b>2008</b> , 8, 784-804	2.5	153
40	Do all roads lead to Rome? Routes to metastasis development. <i>International Journal of Cancer</i> , <b>2011</b> , 128, 2511-26	7.5	93
39	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> , <b>2017</b> , 8, 161	4.5	70
38	Activation-induced internalization differs for the tetraspanins CD9 and Tspan8: Impact on tumor cell motility. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2011</b> , 43, 106-19	5.6	68
37	Exosomes as a potential tool for a specific delivery of functional molecules. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1049, 495-511	1.4	52
36	Considerations towards a roadmap for collection, handling and storage of blood extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1647027	16.4	48
35	Extracellular vesicles in ovarian cancer: applications to tumor biology, immunotherapy and biomarker discovery. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 395-409	4.2	46
34	A specific spectral signature of serum and plasma-derived extracellular vesicles for cancer screening. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 835-841	6	44
33	3D Cellular Architecture Affects MicroRNA and Protein Cargo of Extracellular Vesicles. <i>Advanced Science</i> , <b>2019</b> , 6, 1800948	13.6	42

32	The class II tumour suppressor gene H-REV107-1 is a target of interferon-regulatory factor-1 and is involved in IFN $\gamma$ -induced cell death in human ovarian carcinoma cells. <i>Oncogene</i> , <b>2002</b> , 21, 2829-39 <sup>9-2</sup>	9.2	38
31	Splice variant transcripts of the anterior gradient 2 gene as a marker of prostate cancer. <i>Oncotarget</i> , <b>2014</b> , 5, 8681-9	3.3	35
30	Mechanisms of the HRSL3 tumor suppressor function in ovarian carcinoma cells. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 1393-404	5.3	35
29	Micro-ribonucleic acids and extracellular vesicles repertoire in the spent culture media is altered in women undergoing In Vitro Fertilization. <i>Scientific Reports</i> , <b>2017</b> , 7, 13525	4.9	34
28	Tailored surface-enhanced Raman nanopillar arrays fabricated by laser-assisted replication for biomolecular detection using organic semiconductor lasers. <i>ACS Nano</i> , <b>2015</b> , 9, 260-70	16.7	34
27	Opposing effects of fibrosarcoma cell-derived IL-1 alpha and IL-1 beta on immune response induction. <i>International Journal of Cancer</i> , <b>2008</b> , 123, 134-45	7.5	27
26	Geranylgeranylation but not GTP loading determines rho migratory function in T cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 6024-32	5.3	27
25	Tumorigenicity of IL-1alpha- and IL-1beta-deficient fibrosarcoma cells. <i>Neoplasia</i> , <b>2008</b> , 10, 549-62	6.4	25
24	LiCl induces TNF- $\alpha$ and FasL production, thereby stimulating apoptosis in cancer cells. <i>Cell Communication and Signaling</i> , <b>2011</b> , 9, 15	7.5	22
23	Atypical protein kinase C zeta exhibits a proapoptotic function in ovarian cancer. <i>Molecular Cancer Research</i> , <b>2010</b> , 8, 919-34	6.6	22
22	Cytotoxic and genotoxic responses of human lung cells to combustion smoke particles of Miscanthus straw, softwood and beech wood chips. <i>Atmospheric Environment</i> , <b>2017</b> , 163, 138-154	5.3	21
21	International Society for Extracellular Vesicles: first annual meeting, April 17-21, 2012: ISEV-2012. <i>Journal of Extracellular Vesicles</i> , <b>2012</b> , 1, 19995	16.4	21
20	H-REV107-1 stimulates growth in non-small cell lung carcinomas via the activation of mitogenic signaling. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 1427-39	5.8	21
19	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> , <b>2019</b> , 248, 421-437	9.4	19
18	Biodegradable Nanocarriers Resembling Extracellular Vesicles Deliver Genetic Material with the Highest Efficiency to Various Cell Types. <i>Small</i> , <b>2020</b> , 16, e1904880	11	18
17	Extracellular vesicles or free circulating DNA: where to search for BRAF and cKIT mutations?. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 875-882	6	17
16	Extracellular Vesicles: Recent Developments in Technology and Perspectives for Cancer Liquid Biopsy. <i>Recent Results in Cancer Research</i> , <b>2020</b> , 215, 319-344	1.5	16
15	Rapid Capture of Cancer Extracellular Vesicles by Lipid Patch Microarrays. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008493	24	16

14	Revealing non-genetic adhesive variations in clonal populations by comparative single-cell force spectroscopy. <i>Experimental Cell Research</i> , <b>2012</b> , 318, 2155-67	4.2	14
13	CEBPbeta, JunD and c-Jun contribute to the transcriptional activation of the metastasis-associated C4.4A gene. <i>International Journal of Cancer</i> , <b>2007</b> , 120, 2135-47	7.5	12
12	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> , <b>2005</b> , 116, 894-902	7.5	12
11	Expression of the tetraspanin family members Tspan3, Tspan4, Tspan5 and Tspan7 during <i>Xenopus laevis</i> embryonic development. <i>Gene Expression Patterns</i> , <b>2013</b> , 13, 1-11	1.5	10
10	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> , <b>2016</b> , 2016, 6146047	5	10
9	Impact of alpha1-adrenoceptor expression on contractile properties of vascular smooth muscle cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 293, R1215-21	3.2	9
8	Layer-by-Layer-Assembled Capsule Size Affects the Efficiency of Packaging and Delivery of Different Genetic Cargo. <i>Particle and Particle Systems Characterization</i> , <b>2021</b> , 38, 2000228	3.1	8
7	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 &amp; Interfaces</i> , <b>2016</b> , 8, 28554-28565	9.5	7
6	The CD151-midkine pathway regulates the immune microenvironment in inflammatory breast cancer. <i>Journal of Pathology</i> , <b>2020</b> , 251, 63-73	9.4	4
5	Raman and SERS spectroscopy for characterization of extracellular vesicles from control and prostate carcinoma patients <b>2020</b> ,		3
4	Wnt5A modulates integrin expression in a receptor-dependent manner in ovarian cancer cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 5885	4.9	3
3	Surface-Enhanced Raman Spectroscopy to Characterize Different Fractions of Extracellular Vesicles from Control and Prostate Cancer Patients. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	2
2	Correction: Cell Surface Tetraspanin Tspan8 Contributes to Molecular Pathways of Exosome-Induced Endothelial Cell Activation. <i>Cancer Research</i> , <b>2010</b> , 70, 6683.2-6683	10.1	1
1	Three-dimensional cell models for extracellular vesicles production, isolation, and characterization. <i>Methods in Enzymology</i> , <b>2020</b> , 645, 209-230	1.7	0