

Anna Dubrovskaja

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

3,872

citations

33

h-index

61

g-index

93

ext. papers

4,639

ext. citations

6.2

avg. IF

5.72

L-index

#	Paper	IF	Citations
88	The role of PTEN/Akt/PI3K signaling in the maintenance and viability of prostate cancer stem-like cell populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 268-73	11.5	448
87	A role for cancer stem cells in therapy resistance: cellular and molecular mechanisms. <i>Seminars in Cancer Biology</i> , 2015 , 31, 16-27	12.7	273
86	Cancer stem cells: The root of tumor recurrence and metastases. <i>Seminars in Cancer Biology</i> , 2017 , 44, 10-24	12.7	201
85	Cancer stem cells: Radioresistance, prediction of radiotherapy outcome and specific targets for combined treatments. <i>Advanced Drug Delivery Reviews</i> , 2017 , 109, 63-73	18.5	179
84	Aldehyde Dehydrogenase Is Regulated by β Catenin/TCF and Promotes Radioresistance in Prostate Cancer Progenitor Cells. <i>Cancer Research</i> , 2015 , 75, 1482-94	10.1	157
83	Discovery of the cancer stem cell related determinants of radioresistance. <i>Radiotherapy and Oncology</i> , 2013 , 108, 378-87	5.3	135
82	Emerging targets in cancer management: role of the CXCL12/CXCR4 axis. <i>OncoTargets and Therapy</i> , 2013 , 6, 1347-61	4.4	131
81	Synthesis of bispecific antibodies using genetically encoded unnatural amino acids. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9918-21	16.4	124
80	Cancer Stem Cells and Radioresistance: DNA Repair and Beyond. <i>Cancers</i> , 2019 , 11,	6.6	114
79	Combination therapy targeting both tumor-initiating and differentiated cell populations in prostate carcinoma. <i>Clinical Cancer Research</i> , 2010 , 16, 5692-702	12.9	98
78	Hypoxia as a biomarker for radioresistant cancer stem cells. <i>International Journal of Radiation Biology</i> , 2014 , 90, 636-52	2.9	96
77	CXCR4 expression in prostate cancer progenitor cells. <i>PLoS ONE</i> , 2012 , 7, e31226	3.7	96
76	Low Cancer Stem Cell Marker Expression and Low Hypoxia Identify Good Prognosis Subgroups in HPV(-) HNSCC after Postoperative Radiochemotherapy: A Multicenter Study of the DTKK-ROG. <i>Clinical Cancer Research</i> , 2016 , 22, 2639-49	12.9	88
75	HPV status, cancer stem cell marker expression, hypoxia gene signatures and tumour volume identify good prognosis subgroups in patients with HNSCC after primary radiochemotherapy: A multicentre retrospective study of the German Cancer Consortium Radiation Oncology Group (DTKK-ROG). <i>Radiotherapy and Oncology</i> , 2016 , 121, 364-373	5.3	80
74	CXCR4 activation maintains a stem cell population in tamoxifen-resistant breast cancer cells through AhR signalling. <i>British Journal of Cancer</i> , 2012 , 107, 43-52	8.7	77
73	Cancer biomarker discovery: current status and future perspectives. <i>International Journal of Radiation Biology</i> , 2014 , 90, 659-77	2.9	76
72	Clinical perspectives of cancer stem cell research in radiation oncology. <i>Radiotherapy and Oncology</i> , 2013 , 108, 388-96	5.3	74

71	Nanoparticles for radiooncology: Mission, vision, challenges. <i>Biomaterials</i> , 2017 , 120, 155-184	15.6	73
70	Cancer stem cell related markers of radioresistance in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2015 , 6, 34494-509	3.3	70
69	Genes: The Role in Genome Stability, Cancer Stemness and Therapy Resistance. <i>Journal of Cancer</i> , 2019 , 10, 2109-2127	4.5	69
68	Bispecific small molecule-antibody conjugate targeting prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17796-801	11.5	67
67	Efficient enrichment of intact phosphorylated proteins by modified immobilized metal-affinity chromatography. <i>Proteomics</i> , 2005 , 5, 4678-83	4.8	67
66	Proteomics-based identification of proteins interacting with Smad3: SREBP-2 forms a complex with Smad3 and inhibits its transcriptional activity. <i>FEBS Letters</i> , 2004 , 577, 93-100	3.8	61
65	CXCR4 as biomarker for radioresistant cancer stem cells. <i>International Journal of Radiation Biology</i> , 2014 , 90, 687-99	2.9	59
64	Increased expression of cSHMT, Tbx3 and utrophin in plasma of ovarian and breast cancer patients. <i>International Journal of Cancer</i> , 2006 , 118, 412-21	7.5	58
63	Concise Review: Prostate Cancer Stem Cells: Current Understanding. <i>Stem Cells</i> , 2018 , 36, 1457-1474	5.8	55
62	TGFbeta1/Smad3 counteracts BRCA1-dependent repair of DNA damage. <i>Oncogene</i> , 2005 , 24, 2289-97	9.2	51
61	An Epigenetic Reprogramming Strategy to Resensitize Radioresistant Prostate Cancer Cells. <i>Cancer Research</i> , 2016 , 76, 2637-51	10.1	48
60	Cancer Stem Cells in Head and Neck Squamous Cell Carcinoma: Identification, Characterization and Clinical Implications. <i>Cancers</i> , 2019 , 11,	6.6	44
59	Phosphoproteome profiling of transforming growth factor (TGF)-beta signaling: abrogation of TGFbeta1-dependent phosphorylation of transcription factor-II-I (TFII-I) enhances cooperation of TFII-I and Smad3 in transcription. <i>Molecular Biology of the Cell</i> , 2005 , 16, 4765-80	3.5	42
58	A chemically induced vaccine strategy for prostate cancer. <i>ACS Chemical Biology</i> , 2011 , 6, 1223-31	4.9	39
57	FGFR2 promotes breast tumorigenicity through maintenance of breast tumor-initiating cells. <i>PLoS ONE</i> , 2013 , 8, e51671	3.7	39
56	Polyphenols delivery by polymeric materials: challenges in cancer treatment. <i>Drug Delivery</i> , 2017 , 24, 162-180	7	37
55	BRCA1 and EZH2 cooperate in regulation of prostate cancer stem cell phenotype. <i>International Journal of Cancer</i> , 2019 , 145, 2974-2985	7.5	31
54	The CD98 Heavy Chain Is a Marker and Regulator of Head and Neck Squamous Cell Carcinoma Radiosensitivity. <i>Clinical Cancer Research</i> , 2019 , 25, 3152-3163	12.9	29

53	Targeting Cancer Stem Cells: Promises and Challenges. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016 , 16, 38-58	2.2	28
52	SLC3A2/CD98hc, autophagy and tumor radioresistance: a link confirmed. <i>Autophagy</i> , 2019 , 15, 1850-1851	10.2	27
51	Development of novel radiochemotherapy approaches targeting prostate tumor progenitor cells using nanohybrids. <i>International Journal of Cancer</i> , 2015 , 137, 2492-503	7.5	26
50	Novel Therapeutic Strategies for Ovarian Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 319	5.3	25
49	Graphene Oxide Functional Nanohybrids with Magnetic Nanoparticles for Improved Vectorization of Doxorubicin to Neuroblastoma Cells. <i>Pharmaceutics</i> , 2018 , 11,	6.4	24
48	Network-based analysis of prostate cancer cell lines reveals novel marker gene candidates associated with radioresistance and patient relapse. <i>PLoS Computational Biology</i> , 2019 , 15, e1007460	5	21
47	Polyphenol Conjugates by Immobilized Laccase: The Green Synthesis of Dextran-Catechin. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 1488-1492	2.6	20
46	Novel role of pleckstrin homology domain of the Bcr-Abl protein: analysis of protein-protein and protein-lipid interactions. <i>Experimental Cell Research</i> , 2010 , 316, 530-42	4.2	20
45	Recurrent HNSCC Harbor an Immunosuppressive Tumor Immune Microenvironment Suggesting Successful Tumor Immune Evasion. <i>Clinical Cancer Research</i> , 2021 , 27, 632-644	12.9	20
44	Individual Response to Ionizing Radiation and Personalized Radiotherapy. <i>Critical Reviews in Oncogenesis</i> , 2018 , 23, 69-92	1.3	19
43	Glycoproteome profiling of transforming growth factor-beta (TGFbeta) signaling: nonglycosylated cell death-inducing DFF-like effector A inhibits TGFbeta1-dependent apoptosis. <i>Proteomics</i> , 2006 , 6, 6168-80	4.8	16
42	Interplay between MycN and c-Myc regulates radioresistance and cancer stem cell phenotype in neuroblastoma upon glutamine deprivation. <i>Theranostics</i> , 2020 , 10, 6411-6429	12.1	15
41	L1 Cell Adhesion Molecule Confers Radioresistance to Ovarian Cancer and Defines a New Cancer Stem Cell Population. <i>Cancers</i> , 2020 , 12,	6.6	15
40	Cancer stem cells in radiation response: current views and future perspectives in radiation oncology. <i>International Journal of Radiation Biology</i> , 2019 , 95, 900-911	2.9	13
39	The controversial role of phospholipase C epsilon (PLC ϵ) in cancer development and progression. <i>Journal of Cancer</i> , 2017 , 8, 716-729	4.5	13
38	Tumor markers as an entry for SARS-CoV-2 infection?. <i>FEBS Journal</i> , 2020 , 287, 3677-3680	5.7	13
37	Metabolic Targeting of Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 537930	5.3	12
36	Linking NRP2 With EMT and Chemoradioresistance in Bladder Cancer. <i>Frontiers in Oncology</i> , 2019 , 9, 1461	5.3	12

35	GLS-driven glutamine catabolism contributes to prostate cancer radiosensitivity by regulating the redox state, stemness and ATG5-mediated autophagy. <i>Theranostics</i> , 2021 , 11, 7844-7868	12.1	12
34	Oct4 confers stemness and radioresistance to head and neck squamous cell carcinoma by regulating the homologous recombination factors PSMC3IP and RAD54L. <i>Oncogene</i> , 2021 , 40, 4214-4228	9.2	11
33	Efficacy of Beta1 Integrin and EGFR Targeting in Sphere-Forming Human Head and Neck Cancer Cells. <i>Journal of Cancer</i> , 2016 , 7, 736-45	4.5	11
32	Metabolic regulation of prostate cancer heterogeneity and plasticity. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	10
31	A role of TGF β dependent 14-3-3 γ phosphorylation at Ser69 and Ser74 in the regulation of gene transcription, stemness and radioresistance. <i>PLoS ONE</i> , 2013 , 8, e65163	3.7	9
30	Hes3 is expressed in the adult pancreatic islet and regulates gene expression, cell growth, and insulin release. <i>Journal of Biological Chemistry</i> , 2014 , 289, 35503-16	5.4	8
29	Proteomics success story. Towards early detection of breast and ovarian cancer: plasma proteomics as a tool to find novel markers. <i>Proteomics</i> , 2006 , 6 Suppl 2, 65-8	4.8	8
28	Combination therapy induces unfolded protein response and cytoskeletal rearrangement leading to mitochondrial apoptosis in prostate cancer. <i>Molecular Oncology</i> , 2016 , 10, 949-65	7.9	8
27	When polymers meet carbon nanostructures: expanding horizons in cancer therapy. <i>Future Medicinal Chemistry</i> , 2019 , 11, 2205-2231	4.1	6
26	UniCAR T cell immunotherapy enables efficient elimination of radioresistant cancer cells. <i>Oncotarget</i> , 2020 , 9, 1743036	7.2	6
25	Amino Acid Transporters on the Guard of Cell Genome and Epigenome. <i>Cancers</i> , 2021 , 13,	6.6	5
24	Low-density microarray analysis of TGF β 1-dependent cell cycle regulation in human breast adenocarcinoma MCF7 cell line. <i>Biopolymers and Cell</i> , 2014 , 30, 107-117	0.3	4
23	The Multifaceted Role of Aldehyde Dehydrogenases in Prostate Cancer Stem Cells. <i>Cancers</i> , 2021 , 13,	6.6	4
22	Targeting glutamine metabolism and autophagy: the combination for prostate cancer radiosensitization. <i>Autophagy</i> , 2021 , 17, 3879-3881	10.2	4
21	The Role of lncRNAs TAPIR-1 and -2 as Diagnostic Markers and Potential Therapeutic Targets in Prostate Cancer. <i>Cancers</i> , 2020 , 12,	6.6	3
20	The Role of Cancer Stem Cells in Tumor Radioresistance 2014 , 473-491		3
19	The distinct role of ALDH1A1 and ALDH1A3 in the regulation of prostate cancer metastases		3
18	Dual role of ER stress in response to metabolic co-targeting and radiosensitivity in head and neck cancer cells. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 3021-3044	10.3	3

17	Beyond the Double-Strand Breaks: The Role of DNA Repair Proteins in Cancer Stem-Cell Regulation. <i>Cancers</i> , 2021 , 13,	6.6	3
16	Development of molecular oncohematology in Ukraine. <i>Biopolymers and Cell</i> , 2013 , 29, 277-282	0.3	2
15	Implications of CXCR4/CXCL12 Interaction for Cancer Stem Cell Maintenance and Cancer Progression 2015 , 89-130		2
14	Tyrosine Kinase c-MET as Therapeutic Target for Radiosensitization of Head and Neck Squamous Cell Carcinomas. <i>Cancers</i> , 2021 , 13,	6.6	2
13	Cellular plasticity upon proton irradiation determines tumor cell radiosensitivity.. <i>Cell Reports</i> , 2022 , 38, 110422	10.6	2
12	Expression of the transcription factor Hes3 in the mouse and human ocular surface, and in pterygium. <i>International Journal of Radiation Biology</i> , 2014 , 90, 700-9	2.9	1
11	Cancer stem cells: advances in biology and clinical translation-a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	1
10	Deletion of the fifth exon of bcr/abl gene by acute lymphoblastic leukemia with Philadelphia chromosome. <i>Biopolymers and Cell</i> , 2001 , 17, 298-301	0.3	1
9	Protein-lipid and protein-protein interactions of Bcr PH domain. <i>Biopolymers and Cell</i> , 2007 , 23, 405-409	0.3	1
8	GLS-driven glutamine catabolism contributes to prostate cancer radiosensitivity by regulating the redox state, stemness and ATG5-mediated autophagy		1
7	Efficient DNA Repair Mitigates Replication Stress Resulting in Less Immunogenic Cytosolic DNA in Radioresistant Breast Cancer Stem Cells.. <i>Frontiers in Immunology</i> , 2022 , 13, 765284	8.4	1
6	Acquired resistance to irradiation or docetaxel is not associated with cross-resistance to cisplatin in prostate cancer cell lines.. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022 , 1	4.9	0
5	The Role of Cancer Stem Cells in Tumour Radioresponse 2016 , 43-74		
4	Efficient Enrichment of Intact Phosphorylated Proteins by Modified Immobilized Metal-Affinity Chromatography. <i>Springer Protocols</i> , 2009 , 1531-1545	0.3	
3	Mutation in bcr/abl hybrid gene as a possible factor of tumor progression during CML. <i>Biopolymers and Cell</i> , 2000 , 16, 482-486	0.3	
2	P06.11 Immunotargeting of CD98hc for elimination of radioresistant head and neck squamous cell carcinoma 2020 , 8, A46.1-A46		
1	The Pluripotency Transcription Factor Oct4 Contributes to Head and Neck Squamous Cell Carcinoma Radioresistance Via Regulation of DNA Repair and the Stem Cell Phenotype. <i>Medical Sciences Forum</i> , 2021 , 3, 5		