Anna Dubrovska

List of Publications by Year
in descending order

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Version: 2024-02-01

		87723	88477
88	5,300	38	70
papers	citations	h-index	g-index

93	93	93	9059
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of PTEN/Akt/PI3K signaling in the maintenance and viability of prostate cancer stem-like cell populations. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 268-273.	3.3	511
2	A role for cancer stem cells in therapy resistance: Cellular and molecular mechanisms. Seminars in Cancer Biology, 2015, 31, 16-27.	4.3	329
3	Cancer stem cells: The root of tumor recurrence and metastases. Seminars in Cancer Biology, 2017, 44, 10-24.	4.3	295
4	Cancer stem cells: Radioresistance, prediction of radiotherapy outcome and specific targets for combined treatments. Advanced Drug Delivery Reviews, 2017, 109, 63-73.	6.6	247
5	Cancer Stem Cells and Radioresistance: DNA Repair and Beyond. Cancers, 2019, 11, 862.	1.7	196
6	Aldehyde Dehydrogenase Is Regulated by Î²-Catenin/TCF and Promotes Radioresistance in Prostate Cancer Progenitor Cells. Cancer Research, 2015, 75, 1482-1494.	0.4	195
7	Emerging targets in cancer management: role of the CXCL12/CXCR4 axis. OncoTargets and Therapy, 2013, 6, 1347.	1.0	169
8	Discovery of the cancer stem cell related determinants of radioresistance. Radiotherapy and Oncology, 2013, 108, 378-387.	0.3	159
9	Synthesis of Bispecific Antibodies using Genetically Encoded Unnatural Amino Acids. Journal of the American Chemical Society, 2012, 134, 9918-9921.	6.6	146
10	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 (DKTK-ROG). Radiotherapy and Oncology, 2016, 121, 364-373.	0.3	130
11	Low Cancer Stem Cell Marker Expression and Low Hypoxia Identify Good Prognosis Subgroups in HPV(â^') HNSCC after Postoperative Radiochemotherapy: A Multicenter Study of the DKTK-ROG. Clinical Cancer Research, 2016, 22, 2639-2649.	3.2	127
12	BRCA Genes: The Role in Genome Stability, Cancer Stemness and Therapy Resistance. Journal of Cancer, 2019, 10, 2109-2127.	1.2	125
13	CXCR4 Expression in Prostate Cancer Progenitor Cells. PLoS ONE, 2012, 7, e31226.	1.1	121
14	Hypoxia as a biomarker for radioresistant cancer stem cells. International Journal of Radiation Biology, 2014, 90, 636-652.	1.0	115
15	Combination Therapy Targeting Both Tumor-Initiating and Differentiated Cell Populations in Prostate Carcinoma. Clinical Cancer Research, 2010, 16, 5692-5702.	3.2	111
16	Cancer biomarker discovery: Current status and future perspectives. International Journal of Radiation Biology, 2014, 90, 659-677.	1.0	98
17	CXCR4 activation maintains a stem cell population in tamoxifen-resistant breast cancer cells through AhR signalling. British Journal of Cancer, 2012, 107, 43-52.	2.9	94
18	Clinical perspectives of cancer stem cell research in radiation oncology. Radiotherapy and Oncology, 2013, 108, 388-396.	0.3	93

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19	Concise Review: Prostate Cancer Stem Cells: Current Understanding. Stem Cells, 2018, 36, 1457-1474.	1.4	90
20	Cancer stem cell related markers of radioresistance in head and neck squamous cell carcinoma. Oncotarget, 2015, 6, 34494-34509.	0.8	88
21	Nanoparticles for radiooncology: Mission, vision, challenges. Biomaterials, 2017, 120, 155-184.	5.7	87
22	Bispecific small moleculeâ€“antibody conjugate targeting prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17796-17801.	3.3	80
23	Cancer Stem Cells in Head and Neck Squamous Cell Carcinoma: Identification, Characterization and Clinical Implications. Cancers, 2019, 11, 616.	1.7	73
24	Proteomics-based identification of proteins interacting with Smad3: SREBP-2 forms a complex with Smad3 and inhibits its transcriptional activity. FEBS Letters, 2004, 577, 93-100.	1.3	72
25	Efficient enrichment of intact phosphorylated proteins by modified immobilized metal-affinity chromatography. Proteomics, 2005, 5, 4678-4683.	1.3	71
26	CXCR4 as biomarker for radioresistant cancer stem cells. International Journal of Radiation Biology, 2014, 90, 687-699.	1.0	70
27	GLS-driven glutamine catabolism contributes to prostate cancer radiosensitivity by regulating the redox state, stemness and ATG5-mediated autophagy. Theranostics, 2021, 11, 7844-7868.	4.6	70
28	Increased expression of cSHMT, Tbx3 and utrophin in plasma of ovarian and breast cancer patients. International Journal of Cancer, 2006, 118, 412-421.	2.3	69
29	An Epigenetic Reprogramming Strategy to Resensitize Radioresistant Prostate Cancer Cells. Cancer Research, 2016, 76, 2637-2651.	0.4	62
30	SLC3A2/CD98hc, autophagy and tumor radioresistance: a link confirmed. Autophagy, 2019, 15, 1850-1851.	4.3	56
31	TGFÎ²1/Smad3 counteracts BRCA1-dependent repair of DNA damage. Oncogene, 2005, 24, 2289-2297.	2.6	55
32	The CD98 Heavy Chain Is a Marker and Regulator of Head and Neck Squamous Cell Carcinoma Radiosensitivity. Clinical Cancer Research, 2019, 25, 3152-3163.	3.2	53
33	BRCA1 and EZH2 cooperate in regulation of prostate cancer stem cell phenotype. International Journal of Cancer, 2019, 145, 2974-2985.	2.3	52
34	FGFR2 Promotes Breast Tumorigenicity through Maintenance of Breast Tumor-Initiating Cells. PLoS ONE, 2013, 8, e51671.	1.1	52
35	Recurrent HNSCC Harbor an Immunosuppressive Tumor Immune Microenvironment Suggesting Successful Tumor Immune Evasion. Clinical Cancer Research, 2021, 27, 632-644.	3.2	49
36	Polyphenols delivery by polymeric materials: challenges in cancer treatment. Drug Delivery, 2017, 24, 162-180.	2.5	48

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37	Novel Therapeutic Strategies for Ovarian Cancer Stem Cells. Frontiers in Oncology, 2020, 10, 319.	1.3	44
38	Phosphoproteome Profiling of Transforming Growth Factor (TGF)-Î² Signaling: Abrogation of TGFÎ²1-dependent Phosphorylation of Transcription Factor-II-I (TFII-I) Enhances Cooperation of TFII-I and Smad3 in Transcription. Molecular Biology of the Cell, 2005, 16, 4765-4780.	0.9	43
39	A Chemically Induced Vaccine Strategy for Prostate Cancer. ACS Chemical Biology, 2011, 6, 1223-1231.	1.6	42
40	Targeting Cancer Stem Cells: Promises and Challenges. Anti-Cancer Agents in Medicinal Chemistry, 2015, 16, 38-58.	0.9	33
41	Graphene Oxide Functional Nanohybrids with Magnetic Nanoparticles for Improved Vectorization of Doxorubicin to Neuroblastoma Cells. Pharmaceutics, 2019, 11, 3.	2.0	33
42	Individual Response to Ionizing Radiation and Personalized Radiotherapy. Critical Reviews in Oncogenesis, 2018, 23, 69-92.	0.2	33
43	Development of novel radiochemotherapy approaches targeting prostate tumor progenitor cells using nanohybrids. International Journal of Cancer, 2015, 137, 2492-2503.	2.3	29
44	Polyphenol Conjugates by Immobilized Laccase: The Green Synthesis of Dextranâ€Catechin. Macromolecular Chemistry and Physics, 2016, 217, 1488-1492.	1.1	29
45	Interplay between MycN and c-Myc regulates radioresistance and cancer stem cell phenotype in neuroblastoma upon glutamine deprivation. Theranostics, 2020, 10, 6411-6429.	4.6	29
46	Targeting glutamine metabolism and autophagy: the combination for prostate cancer radiosensitization. Autophagy, 2021, 17, 3879-3881.	4.3	29
47	Network-based analysis of prostate cancer cell lines reveals novel marker gene candidates associated with radioresistance and patient relapse. PLoS Computational Biology, 2019, 15, e1007460.	1.5	27
48	Oct4 confers stemness and radioresistance to head and neck squamous cell carcinoma by regulating the homologous recombination factors PSMC3IP and RAD54L. Oncogene, 2021, 40, 4214-4228.	2.6	27
49	Tumor markers as an entry for SARSâ€CoVâ€2 infection?. FEBS Journal, 2020, 287, 3677-3680.	2.2	25
50	UniCAR T cell immunotherapy enables efficient elimination of radioresistant cancer cells. OncoImmunology, 2020, 9, 1743036.	2.1	25
51	Cancer stem cells in radiation response: current views and future perspectives in radiation oncology. International Journal of Radiation Biology, 2019, 95, 900-911.	1.0	24
52	Metabolic Targeting of Cancer Stem Cells. Frontiers in Oncology, 2020, 10, 537930.	1.3	23
53	L1 Cell Adhesion Molecule Confers Radioresistance to Ovarian Cancer and Defines a New Cancer Stem Cell Population. Cancers, 2020, 12, 217.	1.7	23
54	Novel role of pleckstrin homology domain of the Bcr-Abl protein: Analysis of proteinâ€“protein and proteinâ€“lipid interactions. Experimental Cell Research, 2010, 316, 530-542.	1.2	22

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55	Linking NRP2 With EMT and Chemoradioresistance in Bladder Cancer. Frontiers in Oncology, 2019, 9, 1461.	1.3	22
56	The controversial role of phospholipase C epsilon (PLCÎµ) in cancer development and progression. Journal of Cancer, 2017, 8, 716-729.	1.2	21
57	Metabolic regulation of prostate cancer heterogeneity and plasticity. Seminars in Cancer Biology, 2022, 82, 94-119.	4.3	20
58	Beyond the Double-Strand Breaks: The Role of DNA Repair Proteins in Cancer Stem-Cell Regulation. Cancers, 2021, 13, 4818.	1.7	20
59	Amino Acid Transporters on the Guard of Cell Genome and Epigenome. Cancers, 2021, 13, 125.	1.7	17
60	Glycoproteome profiling of transforming growth factor-Î² (TGFÎ²) signaling: Nonglycosylated cell death-inducing DFF-like effectorâ€…A inhibits TGFÎ²1-dependent apoptosis. Proteomics, 2006, 6, 6168-6180.	1.3	16
61	Efficacy of Beta1 Integrin and EGFR Targeting in Sphere-Forming Human Head and Neck Cancer Cells. Journal of Cancer, 2016, 7, 736-745.	1.2	15
62	The Role of lncRNAs TAPIR-1 and -2 as Diagnostic Markers and Potential Therapeutic Targets in Prostate Cancer. Cancers, 2020, 12, 1122.	1.7	15
63	The Multifaceted Role of Aldehyde Dehydrogenases in Prostate Cancer Stem Cells. Cancers, 2021, 13, 4703.	1.7	15
64	Hes3 Is Expressed in the Adult Pancreatic Islet and Regulates Gene Expression, Cell Growth, and Insulin Release. Journal of Biological Chemistry, 2014, 289, 35503-35516.	1.6	13
65	A Role of TGFÃŸ1 Dependent 14-3-3Ïƒ Phosphorylation at Ser69 and Ser74 in the Regulation of Gene Transcription, Stemness and Radioresistance. PLoS ONE, 2013, 8, e65163.	1.1	10
66	Cellular plasticity upon proton irradiation determines tumor cell radiosensitivity. Cell Reports, 2022, 38, 110422.	2.9	10
67	Combination therapy induces unfolded protein response andÂcytoskeletal rearrangement leading to mitochondrial apoptosis in prostate cancer. Molecular Oncology, 2016, 10, 949-965.	2.1	9
68	Tyrosine Kinase c-MET as Therapeutic Target for Radiosensitization of Head and Neck Squamous Cell Carcinomas. Cancers, 2021, 13, 1865.	1.7	9
69	Proteomics Success Story. Towards Early Detection of Breast and Ovarian Cancer: Plasma Proteomics as a Tool to Find Novel Markers. Proteomics, 2006, 6, 65-68.	1.3	8
70	Targeting Stem Cells in Radiation Oncology. Clinical Oncology, 2017, 29, 329-334.	0.6	8
71	When polymers meet carbon nanostructures: expanding horizons in cancer therapy. Future Medicinal Chemistry, 2019, 11, 2205-2231.	1.1	8
72	Dual role of ER stress in response to metabolic co-targeting and radiosensitivity in head and neck cancer cells. Cellular and Molecular Life Sciences, 2021, 78, 3021-3044.	2.4	8

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73	Cancer stem cells: advances in biology and clinical translationâ€"a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 142-163.	1.8	8
74	Plasticity within Aldehyde Dehydrogenaseâ€"Positive Cells Determines Prostate Cancer Radiosensitivity. Molecular Cancer Research, 2022, 20, 794-809.	1.5	8
75	Validation of CD98hc as a Therapeutic Target for a Combination of Radiation and Immunotherapies in Head and Neck Squamous Cell Carcinoma. Cancers, 2022, 14, 1677.	1.7	7
76	Efficient DNA Repair Mitigates Replication Stress Resulting in Less Immunogenic Cytosolic DNA in Radioresistant Breast Cancer Stem Cells. Frontiers in Immunology, 2022, 13, 765284.	2.2	6
77	Low-density microarray analysis of TGFβ1-dependent cell cycle regulation in human breast adenocarcinoma MCF7 cell line. Biopolymers and Cell, 2014, 30, 107-117.	0.1	4
78	Development of molecular oncohematology in Ukraine. Biopolymers and Cell, 2013, 29, 277-282.	0.1	2
79	Expression of the transcription factor Hes3 in the mouse and human ocular surface, and in pterygium. International Journal of Radiation Biology, 2014, 90, 700-709.	1.0	2
80	Implications of CXCR4/CXCL12 Interaction for Cancer Stem Cell Maintenance and Cancer Progression. , 2015, , 89-130.		2
81	Deletion of the fifth exon of bcr/abl gene by acute lymphoblastic leukosis with Ph'chromosome. Biopolymers and Cell, 2001, 17, 298-301.	0.1	1
82	Protein-lipid and protein-protein interactions of Bcr PH domain. Biopolymers and Cell, 2007, 23, 405-409.	0.1	1
83	Acquired resistance to irradiation or docetaxel is not associated with cross-resistance to cisplatin in prostate cancer cell lines. Journal of Cancer Research and Clinical Oncology, 2022, , 1.	1.2	1
84	Efficient Enrichment of Intact Phosphorylated Proteins by Modified Immobilized Metal-Affinity Chromatography. Springer Protocols, 2009, , 1531-1545.	0.1	0
85	The Role of Cancer Stem Cells in Tumour Radioresponse. , 2016, , 43-74.		0
86	P06.11â€...Immunotargeting of CD98hc for elimination of radioresistant head and neck squamous cell carcinoma. , 2020, , .		0
87	The Pluripotency Transcription Factor Oct4 Contributes to Head and Neck Squamous Cell Carcinoma Radioresistance via Regulation of DNA Repair and the Stem Cell Phenotype. Medical Sciences Forum, 2021, 3, .	0.5	0
88	Mutation in bcr/abl hybrid gene as a possible factor of tumor progression during CML. Biopolymers and Cell, 2000, 16, 482-486.	0.1	0