

# Udo S Gaipl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/658128/publications.pdf>

Version: 2024-02-01

157  
papers

9,109  
citations

44069

48  
h-index

53230

85  
g-index

171  
all docs

171  
docs citations

171  
times ranked

11274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	4.6	686
2	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
3	Impaired uptake of apoptotic cells into tingible body macrophages in germinal centers of patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2002, 46, 191-201.	6.7	507
4	Local hyperthermia combined with radiotherapy and-/or chemotherapy: Recent advances and promises for the future. <i>Cancer Treatment Reviews</i> , 2015, 41, 742-753.	7.7	414
5	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	4.8	317
6	Clearance deficiency and systemic lupus erythematosus (SLE). <i>Journal of Autoimmunity</i> , 2007, 28, 114-121.	6.5	260
7	Targeting zonulin and intestinal epithelial barrier function to prevent onset of arthritis. <i>Nature Communications</i> , 2020, 11, 1995.	12.8	253
8	Old and new facts about hyperthermia-induced modulations of the immune system. <i>International Journal of Hyperthermia</i> , 2012, 28, 528-542.	2.5	206
9	Impaired clearance of dying cells in systemic lupus erythematosus. <i>Autoimmunity Reviews</i> , 2005, 4, 189-194.	5.8	183
10	Sodium Overload and Water Influx Activate the NALP3 Inflammasome. <i>Journal of Biological Chemistry</i> , 2011, 286, 35-41.	3.4	162
11	Inhibition of Phosphatidylserine Recognition Heightens the Immunogenicity of Irradiated Lymphoma Cells In Vivo. <i>Journal of Experimental Medicine</i> , 2004, 200, 1157-1165.	8.5	159
12	Immunomodulation by ionizing radiationâ€™ impact for design of radioâ€™immunotherapies and for treatment of inflammatory diseases. <i>Immunological Reviews</i> , 2017, 280, 231-248.	6.0	140
13	Immune-modulating properties of ionizing radiation: rationale for the treatment of cancer by combination radiotherapy and immune checkpoint inhibitors. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 779-786.	4.2	129
14	Phospholipids: Key Players in Apoptosis and Immune Regulation. <i>Molecules</i> , 2009, 14, 4892-4914.	3.8	126
15	Antitumor immune responses induced by ionizing irradiation and further immune stimulation. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 29-36.	4.2	126
16	Contribution of the immune system to bystander and non-targeted effects of ionizing radiation. <i>Cancer Letters</i> , 2015, 356, 105-113.	7.2	113
17	Chemoradiation Increases PD-L1 Expression in Certain Melanoma and Glioblastoma Cells. <i>Frontiers in Immunology</i> , 2016, 7, 610.	4.8	111
18	Modern Radiotherapy Concepts and the Impact of Radiation on Immune Activation. <i>Frontiers in Oncology</i> , 2016, 6, 141.	2.8	110

#	ARTICLE	IF	CITATIONS
19	Modulation of inflammation by low and high doses of ionizing radiation: Implications for benign and malign diseases. <i>Cancer Letters</i> , 2015, 368, 230-237.	7.2	108
20	Remnants of secondarily necrotic cells fuel inflammation in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2009, 60, 1733-1742.	6.7	107
21	The Immune System in Cancer Prevention, Development and Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 16, 101-107.	1.7	103
22	Low and moderate doses of ionizing radiation up to 2 Gy modulate transmigration and chemotaxis of activated macrophages, provoke an anti-inflammatory cytokine milieu, but do not impact upon viability and phagocytic function. <i>Clinical and Experimental Immunology</i> , 2014, 179, 50-61.	2.6	101
23	Immunomodulatory Properties and Molecular Effects in Inflammatory Diseases of Low-Dose X-Irradiation. <i>Frontiers in Oncology</i> , 2012, 2, 120.	2.8	97
24	Cooperation between C1q and DNase I in the clearance of necrotic cell-derived chromatin. <i>Arthritis and Rheumatism</i> , 2004, 50, 640-649.	6.7	96
25	Immune modulatory effects of radiotherapy as basis for well-reasoned radioimmunotherapies. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 509-519.	2.0	93
26	Radiation combined with hyperthermia induces HSP70-dependent maturation of dendritic cells and release of pro-inflammatory cytokines by dendritic cells and macrophages. <i>Radiotherapy and Oncology</i> , 2011, 101, 109-115.	0.6	89
27	Heat Shock Protein 70 (Hsp70) Peptide Activated Natural Killer (NK) Cells for the Treatment of Patients with Non-Small Cell Lung Cancer (NSCLC) after Radiochemotherapy (RCTx) – From Preclinical Studies to a Clinical Phase II Trial. <i>Frontiers in Immunology</i> , 2015, 6, 162.	4.8	87
28	Hypofractionated Irradiation Has Immune Stimulatory Potential and Induces a Timely Restricted Infiltration of Immune Cells in Colon Cancer Tumors. <i>Frontiers in Immunology</i> , 2017, 8, 231.	4.8	87
29	Radio-Immunotherapy-Induced Immunogenic Cancer Cells as Basis for Induction of Systemic Anti-Tumor Immune Responses – Pre-Clinical Evidence and Ongoing Clinical Applications. <i>Frontiers in Immunology</i> , 2015, 6, 505.	4.8	86
30	Involvement of phosphatidylserine, $\beta$ 2, CD14, CD36, and complement C1q in the phagocytosis of primary necrotic lymphocytes by macrophages. <i>Arthritis and Rheumatism</i> , 2006, 54, 927-938.	6.7	82
31	The immune functions of phosphatidylserine in membranes of dying cells and microvesicles. <i>Seminars in Immunopathology</i> , 2011, 33, 497-516.	6.1	78
32	How Does Ionizing Irradiation Contribute to the Induction of Anti-Tumor Immunity?. <i>Frontiers in Oncology</i> , 2012, 2, 75.	2.8	71
33	Key mechanisms involved in ionizing radiation-induced systemic effects. A current review. <i>Toxicology Research</i> , 2016, 5, 12-33.	2.1	71
34	Low dose ionising radiation leads to a NF- $\kappa$ B dependent decreased secretion of active IL-1 $\beta$ by activated macrophages with a discontinuous dose-dependency. <i>International Journal of Radiation Biology</i> , 2012, 88, 727-734.	1.8	70
35	Clinically Relevant Radiation Exposure Differentially Impacts Forms of Cell Death in Human Cells of the Innate and Adaptive Immune System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3574.	4.1	68
36	The Role of Annexin A5 in the Modulation of the Immune Response Against Dying and Dead Cells. <i>Current Medicinal Chemistry</i> , 2007, 14, 271-277.	2.4	67

#	ARTICLE	IF	CITATIONS
37	Norm- and hypo-fractionated radiotherapy is capable of activating human dendritic cells. <i>Journal of Immunotoxicology</i> , 2014, 11, 328-336.	1.7	65
38	Kill and spread the word: stimulation of antitumor immune responses in the context of radiotherapy. <i>Immunotherapy</i> , 2014, 6, 597-610.	2.0	63
39	Fractionated radiotherapy is the main stimulus for the induction of cell death and of Hsp70 release of p53 mutated glioblastoma cell lines. <i>Radiation Oncology</i> , 2014, 9, 89.	2.7	63
40	Development of a Modular Assay for Detailed Immunophenotyping of Peripheral Human Whole Blood Samples by Multicolor Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1316.	4.1	63
41	Radiotherapy and the immune system: More than just immune suppression. <i>Stem Cells</i> , 2021, 39, 1155-1165.	3.2	61
42	Cells Under Pressure – Treatment of Eukaryotic Cells with High Hydrostatic Pressure, from Physiologic Aspects to Pressure Induced Cell Death. <i>Current Medicinal Chemistry</i> , 2008, 15, 2329-2336.	2.4	58
43	Combination of ionising radiation with hyperthermia increases the immunogenic potential of B16-F10 melanoma cells <i>in vitro</i> and <i>in vivo</i> . <i>International Journal of Hyperthermia</i> , 2016, 32, 23-30.	2.5	57
44	Study of the anti-inflammatory effects of low-dose radiation. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 742-749.	2.0	55
45	Application of hyperthermia in addition to ionizing irradiation fosters necrotic cell death and HMGB1 release of colorectal tumor cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1014-1020.	2.1	53
46	Lectins detect changes of the glycosylation status of plasma membrane constituents during late apoptosis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 230-239.	1.5	52
47	Combination of Ionising Irradiation and Hyperthermia Activates Programmed Apoptotic and Necrotic Cell Death Pathways in Human Colorectal Carcinoma Cells. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 587-599.	2.0	52
48	Physical Plasma Elicits Immunogenic Cancer Cell Death and Mitochondrial Singlet Oxygen. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018, 2, 138-146.	3.7	51
49	Safety and efficacy of single cycle induction treatment with cisplatin/docetaxel/durvalumab/tremelimumab in locally advanced HNSCC: first results of CheckRad-CD8. , 2020, 8, e001378.		51
50	Exposure of anionic phospholipids serves as anti-inflammatory and immunosuppressive signal ? implications for antiphospholipid syndrome and systemic lupus erythematosus. <i>Immunobiology</i> , 2003, 207, 73-81.	1.9	50
51	Modulation of the peripheral immune system after low-dose radon spa therapy: Detailed longitudinal immune monitoring of patients within the RAD-ON01 study. <i>Autoimmunity</i> , 2017, 50, 133-140.	2.6	50
52	The influence on the immunomodulatory effects of dying and dead cells of Annexin V. <i>Journal of Leukocyte Biology</i> , 2007, 81, 6-14.	3.3	47
53	Radiomics to predict outcomes and abscopal response of patients with cancer treated with immunotherapy combined with radiotherapy using a validated signature of CD8 cells. , 2020, 8, e001429.		46
54	Integrating Loco-Regional Hyperthermia Into the Current Oncology Practice: SWOT and TOWS Analyses. <i>Frontiers in Oncology</i> , 2020, 10, 819.	2.8	46

#	ARTICLE	IF	CITATIONS
55	Identification of Novel Binding Partners (Annexins) for the Cell Death Signal Phosphatidylserine and Definition of Their Recognition Motif. <i>Journal of Biological Chemistry</i> , 2011, 286, 5708-5716.	3.4	45
56	Discontinuous induction of X-linked inhibitor of apoptosis in EA.hy.926 endothelial cells is linked to NF- $\kappa$ B activation and mediates the anti-inflammatory properties of low-dose ionising-radiation. <i>Radiotherapy and Oncology</i> , 2010, 97, 346-351.	0.6	44
57	AnnexinA5 renders dead tumor cells immunogenicâ€”implications for multimodal cancer therapies. <i>Journal of Immunotoxicology</i> , 2009, 6, 209-216.	1.7	43
58	Radon Exposureâ€”Therapeutic Effect and Cancer Risk. <i>International Journal of Molecular Sciences</i> , 2021, 22, 316.	4.1	43
59	The Influence of Radiation on Bone and Bone Cellsâ€”Differential Effects on Osteoclasts and Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6377.	4.1	40
60	Isolated Anxa5+/Sca-1+ perivascular cells from mouse meningeal vasculature retain their perivascular phenotype in vitro and in vivo. <i>Experimental Cell Research</i> , 2007, 313, 2730-2743.	2.6	39
61	Combined treatment of human colorectal tumor cell lines with chemotherapeutic agents and ionizing irradiation can <i>in vitro</i> induce tumor cell death forms with immunogenic potential. <i>Journal of Immunotoxicology</i> , 2012, 9, 301-313.	1.7	39
62	Low-dose radiation therapy for COVID-19 pneumopathy: what is the evidence?. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 679-682.	2.0	39
63	Immune biological rationales for the design of combined radio- and immunotherapies. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 293-306.	4.2	39
64	Radiotherapy for benign calcaneodynia. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 671-675.	2.0	38
65	Immunological aspects of radiotherapy. <i>Radiation Oncology</i> , 2014, 9, 185.	2.7	37
66	Low-Dose Radiotherapy Ameliorates Advanced Arthritis in hTNF- $\hat{\pm}$ tg Mice by Particularly Positively Impacting on Bone Metabolism. <i>Frontiers in Immunology</i> , 2018, 9, 1834.	4.8	37
67	Disposal of dying cells: A balancing act between infection and autoimmunity. <i>Arthritis and Rheumatism</i> , 2003, 48, 6-11.	6.7	36
68	Prospective development and validation of a liquid immune profile-based signature (LIPS) to predict response of patients with recurrent/metastatic cancer to immune checkpoint inhibitors. , 2021, 9, e001845.		36
69	Primary glioblastoma multiforme tumors and recurrence. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 146-155.	2.0	34
70	Editorial: Radiation and the Immune System: Current Knowledge and Future Perspectives. <i>Frontiers in Immunology</i> , 2017, 8, 1933.	4.8	34
71	Gas plasma irradiation of breast cancers promotes immunogenicity, tumor reduction, and an abscopal effect in vivo. <i>Oncolmmunology</i> , 2021, 10, 1859731.	4.6	34
72	Defects in the disposal of dying cells lead to autoimmunity. <i>Current Rheumatology Reports</i> , 2004, 6, 401-407.	4.7	33

#	ARTICLE	IF	CITATIONS
73	Radiotherapy-Induced Changes in the Systemic Immune and Inflammation Parameters of Head and Neck Cancer Patients. <i>Cancers</i> , 2019, 11, 1324.	3.7	32
74	Development and Validation of an RNA-Seq-Based Prognostic Signature in Neuroblastoma. <i>Frontiers in Oncology</i> , 2019, 9, 1361.	2.8	32
75	Low-dose radiotherapy: Mayday, mayday. Weâ€™ve been hit!. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 285-288.	2.0	32
76	Combinations of Radiotherapy with Vaccination and Immune Checkpoint Inhibition Differently Affect Primary and Abscopal Tumor Growth and the Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 714.	3.7	32
77	The dual role of NK cells in antitumor reactions triggered by ionizing radiation in combination with hyperthermia. <i>OncImmunology</i> , 2016, 5, e1101206.	4.6	31
78	Combination of Gas Plasma and Radiotherapy Has Immunostimulatory Potential and Additive Toxicity in Murine Melanoma Cells in Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1379.	4.1	31
79	Apoptosis and autoimmunity: When apoptotic cells break their silence. <i>Current Rheumatology Reports</i> , 2006, 8, 245-247.	4.7	30
80	Decrease of Markers Related to Bone Erosion in Serum of Patients with Musculoskeletal Disorders after Serial Low-Dose Radon Spa Therapy. <i>Frontiers in Immunology</i> , 2017, 8, 882.	4.8	29
81	Removal of dying cells and systemic lupus erythematosus. <i>Modern Rheumatology</i> , 2005, 15, 383-390.	1.8	27
82	Modulation of the immune system by dying cells and the phosphatidylserine-ligand annexin A5. <i>Autoimmunity</i> , 2007, 40, 254-259.	2.6	27
83	Activator protein 1 shows a biphasic induction and transcriptional activity after low dose X-irradiation in EA.hy.926 endothelial cells. <i>Autoimmunity</i> , 2009, 42, 343-345.	2.6	26
84	UVB-irradiated apoptotic cells induce accelerated growth of co-implanted viable tumor cells in immune competent mice. <i>Autoimmunity</i> , 2013, 46, 317-322.	2.6	26
85	Reduced secretion of the inflammatory cytokine IL-1 $\beta$ by stimulated peritoneal macrophages of radiosensitive Balb/c mice after exposure to 0.5 or 0.7Gy of ionizing radiation. <i>Autoimmunity</i> , 2013, 46, 323-328.	2.6	26
86	Basics of Radiation Biology When Treating Hyperproliferative Benign Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 519.	4.8	26
87	The immune reaction against allogeneic necrotic cells is reduced in Annexin A5 knock out mice whose macrophages display an anti-inflammatory phenotype. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1391-1399.	3.6	25
88	Ex vivo and in vivo induced dead tumor cells as modulators of antitumor responses. <i>Annals of the New York Academy of Sciences</i> , 2010, 1209, 109-117.	3.8	25
89	Rsk2 controls synovial fibroblast hyperplasia and the course of arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 413-421.	0.9	25
90	Identification of 15 lncRNAs Signature for Predicting Survival Benefit of Advanced Melanoma Patients Treated with Anti-PD-1 Monotherapy. <i>Cells</i> , 2021, 10, 977.	4.1	25

#	ARTICLE	IF	CITATIONS
91	A novel HSP90 inhibitor with reduced hepatotoxicity synergizes with radiotherapy to induce apoptosis, abrogate clonogenic survival, and improve tumor control in models of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 43199-43219.	1.8	24
92	Interconnection between DNA damage senescence inflammation and cancer. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 348-369.	3.0	24
93	Low-Dose Radiotherapy Has No Harmful Effects on Key Cells of Healthy Non-Inflamed Joints. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3197.	4.1	24
94	Low-Dose Irradiation Differentially Impacts Macrophage Phenotype in Dependence of Fibroblast-Like Synoviocytes and Radiation Dose. <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	2.2	24
95	Selected anti-tumor vaccines merit a place in multimodal tumor therapies. <i>Frontiers in Oncology</i> , 2012, 2, 132.	2.8	23
96	Prospective evaluation of the prognostic value of immune-related adverse events in patients with non-melanoma solid tumour treated with PD-1/PD-L1 inhibitors alone and in combination with radiotherapy. <i>European Journal of Cancer</i> , 2020, 140, 55-62.	2.8	23
97	Differences of the Immune Phenotype of Breast Cancer Cells after Ex Vivo Hyperthermia by Warm-Water or Microwave Radiation in a Closed-Loop System Alone or in Combination with Radiotherapy. <i>Cancers</i> , 2020, 12, 1082.	3.7	23
98	Induction chemoimmunotherapy followed by CD8+ immune cell-based patient selection for chemotherapy-free radioimmunotherapy in locally advanced head and neck cancer. , 2022, 10, e003747.		23
99	Hyperthermia in combination with X-irradiation induces inflammatory forms of cell death. <i>Autoimmunity</i> , 2009, 42, 311-313.	2.6	22
100	Radiotherapy for benign achillodynia. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 979-984.	2.0	22
101	Impact of radon and combinatory radon/carbon dioxide spa on pain and hypertension: Results from the explorative RAD-ON01 study. <i>Modern Rheumatology</i> , 2019, 29, 165-172.	1.8	22
102	Frequent occurrence of therapeutically reversible CMV-associated encephalopathy during radiotherapy of the brain. <i>Neuro-Oncology</i> , 2016, 18, 1664-1672.	1.2	21
103	Adhesion Molecule Expression and Function of Primary Endothelial Cells in Benign and Malignant Tissues Correlates with Proliferation. <i>PLoS ONE</i> , 2014, 9, e91808.	2.5	20
104	Low Dose Radiation Therapy, Particularly with 0.5 Gy, Improves Pain in Degenerative Joint Disease of the Fingers: Results of a Retrospective Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5854.	4.1	19
105	Is it time to redefine the role of low-dose radiotherapy for benign disease?. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, e34-e34.	0.9	18
106	Olanzapine combined with 5-hydroxytryptamine type 3 receptor antagonist (5-HT3 RA) plus dexamethasone for prevention and treatment of chemotherapy-induced nausea and vomiting in high and moderate emetogenic chemotherapy: a systematic review and meta-analysis of randomised controlled trials. <i>ESMO Open</i> , 2020, 5, e000621.	4.5	18
107	Modulations in the Peripheral Immune System of Glioblastoma Patient Is Connected to Therapy and Tumor Progression—A Case Report from the IMMO-GLIO-01 Trial. <i>Frontiers in Neurology</i> , 2017, 8, 296.	2.4	17
108	Defining Metaniches in the Oral Cavity According to Their Microbial Composition and Cytokine Profile. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8218.	4.1	17

#	ARTICLE	IF	CITATIONS
109	Radio-immunotherapy: the focused beam expands. <i>Lancet Oncology</i> , The, 2015, 16, 742-743.	10.7	16
110	Temporarily increased TGF $\beta$ 2 following radon spa correlates with reduced pain while serum IL-18 is a general predictive marker for pain sensitivity. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 129-135.	1.4	16
111	Graphene Oxide Nanosheets for Localized Hyperthermia—Physicochemical Characterization, Biocompatibility, and Induction of Tumor Cell Death. <i>Cells</i> , 2020, 9, 776.	4.1	16
112	One-Tube Multicolor Flow Cytometry Assay (OTMA) for Comprehensive Immunophenotyping of Peripheral Blood. <i>Methods in Molecular Biology</i> , 2019, 1904, 189-212.	0.9	15
113	The in vitro immunogenic potential of caspase-3 proficient breast cancer cells with basal low immunogenicity is increased by hypofractionated irradiation. <i>Radiation Oncology</i> , 2015, 10, 197.	2.7	14
114	Tumor Cell-Based Vaccine Generated With High Hydrostatic Pressure Synergizes With Radiotherapy by Generating a Favorable Anti-tumor Immune Microenvironment. <i>Frontiers in Oncology</i> , 2019, 9, 805.	2.8	14
115	Enhanced tumour regression in a patient of liposarcoma treated with radiotherapy and hyperthermia: Hint for dynamic immunomodulation by hyperthermia. <i>International Journal of Hyperthermia</i> , 2015, 31, 574-577.	2.5	13
116	Prospective Evaluation of All-lesion Versus Single-lesion Radiotherapy in Combination With PD-1/PD-L1 Immune Checkpoint Inhibitors. <i>Frontiers in Oncology</i> , 2020, 10, 576643.	2.8	13
117	Early Mortality of Brain Cancer Patients and its Connection to Cytomegalovirus Reactivation During Radiochemotherapy. <i>Clinical Cancer Research</i> , 2020, 26, 3259-3270.	7.0	13
118	Graphene-Induced Hyperthermia (GIHT) Combined With Radiotherapy Fosters Immunogenic Cell Death. <i>Frontiers in Oncology</i> , 2021, 11, 664615.	2.8	13
119	The Effect of Hyperthermia and Radiotherapy Sequence on Cancer Cell Death and the Immune Phenotype of Breast Cancer Cells. <i>Cancers</i> , 2022, 14, 2050.	3.7	13
120	Ionizing radiation reduces the capacity of activated macrophages to induce T-cell proliferation, but does not trigger dendritic cell-mediated non-targeted effects. <i>International Journal of Radiation Biology</i> , 2019, 95, 33-43.	1.8	12
121	Implementation of Double Immune Checkpoint Blockade Increases Response Rate to Induction Chemotherapy in Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 1959.	3.7	11
122	Analysis of the immune status from peripheral whole blood with a single-tube multicolor flow cytometry assay. <i>Methods in Enzymology</i> , 2020, 632, 389-415.	1.0	10
123	Hypofractionated Radiotherapy Upregulates Several Immune Checkpoint Molecules in Head and Neck Squamous Cell Carcinoma Cells Independently of the HPV Status While ICOS-L Is Upregulated Only on HPV-Positive Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9114.	4.1	10
124	Drug priming enhances radiosensitivity of adamantinomatous craniopharyngioma via downregulation of survivin. <i>Neurosurgical Focus</i> , 2016, 41, E14.	2.3	9
125	Cancer Cell Death-Inducing Radiotherapy: Impact on Local Tumour Control, Tumour Cell Proliferation and Induction of Systemic Anti-tumour Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2016, 930, 151-172.	1.6	9
126	Full Length Interleukin 33 Aggravates Radiation-Induced Skin Reaction. <i>Frontiers in Immunology</i> , 2017, 8, 722.	4.8	9



#	ARTICLE	IF	CITATIONS
127	Questionnaire-based detection of immune-related adverse events in cancer patients treated with PD-1/PD-L1 immune checkpoint inhibitors. <i>BMC Cancer</i> , 2021, 21, 314.	2.6	9
128	Predictive Value of Multiparametric MRI for Response to Single-Cycle Induction Chemo-Immunotherapy in Locally Advanced Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 734872.	2.8	9
129	Apoptotic Cell Clearance and Its Role in the Origin and Resolution of Chronic Inflammation. <i>Frontiers in Immunology</i> , 2015, 6, 139.	4.8	8
130	In Vitro Examinations of Cell Death Induction and the Immune Phenotype of Cancer Cells Following Radiative-Based Hyperthermia with 915 MHz in Combination with Radiotherapy. <i>Cells</i> , 2021, 10, 1436.	4.1	8
131	Low Dose Radiation Therapy Induces Long-Lasting Reduction of Pain and Immune Modulations in the Peripheral Blood – Interim Analysis of the IMMÖ-LDRT01 Trial. <i>Frontiers in Immunology</i> , 2021, 12, 740742.	4.8	8
132	Head and neck tumor cells treated with hypofractionated irradiation die via apoptosis and are better taken up by M1-like macrophages. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 171-182.	2.0	8
133	Theoretical Evaluation of the Impact of Hyperthermia in Combination with Radiation Therapy in an Artificial Immune-Tumor-Ecosystem. <i>Cancers</i> , 2021, 13, 5764.	3.7	7
134	The low-throughput protein A adsorber: an immune modulatory device. Hypothesis for the mechanism of action in the treatment of rheumatoid arthritis. <i>Modern Rheumatology</i> , 2005, 15, 9-18.	1.8	6
135	Priming of Anti-tumor Immune Mechanisms by Radiotherapy Is Augmented by Inhibition of Heat Shock Protein 90. <i>Frontiers in Oncology</i> , 2020, 10, 1668.	2.8	5
136	Low-Dose Radiotherapy Leads to a Systemic Anti-Inflammatory Shift in the Pre-Clinical K/BxN Serum Transfer Model and Reduces Osteoarthritic Pain in Patients. <i>Frontiers in Immunology</i> , 2021, 12, 777792.	4.8	5
137	EDITORIAL [Hot Topic: Modulation of the Immune System by Ionizing Irradiation and Chemotherapeutic Agents - Contribution of Immune Activation and Blocking of Immune Suppression to Cancer Therapy Success (Guest Editor: Udo S. Gajpl)]. <i>Current Medicinal Chemistry</i> , 2012, 19, 1739-1740.	2.4	4
138	Comparative study and simulation of tumor cell inactivation by microwave and conventional heating. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2018, 37, 1893-1904.	0.9	4
139	Editorial: Radioimmunotherapy – Translational Opportunities and Challenges. <i>Frontiers in Oncology</i> , 2020, 10, 190.	2.8	4
140	Anti-inflammatory effects of an autologous gold-based serum therapy in osteoarthritis patients. <i>Scientific Reports</i> , 2022, 12, 3560.	3.3	4
141	Detailed <i>in vitro</i> analyses of the impact of multimodal cancer therapy with hyperthermia and radiotherapy on the immune phenotype of human glioblastoma cells. <i>International Journal of Hyperthermia</i> , 2022, 39, 796-805.	2.5	4
142	Waste: An important immune modulator. <i>Autoimmunity</i> , 2009, 42, 250-250.	2.6	3
143	A clinician’s plea to test glioma patients for CMV. <i>Neuro-Oncology</i> , 2017, 19, 1282-1283.	1.2	3
144	Static and Dynamic, but not Pulsed High-Pressure Treatment Efficiently Inactivates Yeast. <i>Chemical Engineering and Technology</i> , 2017, 40, 130-137.	1.5	3

#	ARTICLE	IF	CITATIONS
145	Immune Modulatory Effects of Radiotherapy. , 2019, , 1-12.		3
146	A multicenter phase II trial of the combination cisplatin/ docetaxel/durvalumab/tremelimumab as single-cycle induction treatment in locally advanced HNSCC (CheckRad-CD8 trial).. Journal of Clinical Oncology, 2020, 38, 6519-6519.	1.6	3
147	Radon Improves Clinical Response in an Animal Model of Rheumatoid Arthritis Accompanied by Increased Numbers of Peripheral Blood B Cells and Interleukin-5 Concentration. Cells, 2022, 11, 689.	4.1	3
148	UV or X-Irradiation Increases the Cytoplasmic Accumulation of Rhodamine 123 in Various Cancer Cell Lines. Strahlentherapie Und Onkologie, 2003, 179, 564-570.	2.0	2
149	Development and Validation of a Gene Signature for Prediction of Relapse in Stage I Testicular Germ Cell Tumors. Frontiers in Oncology, 2020, 10, 1147.	2.8	2
150	Pathologic response after induction chemo-immunotherapy with single or double immune checkpoint inhibition in locally advanced head and neck squamous cell carcinoma (HNSCC): Expansion cohorts of the CheckRad-CD8 trial.. Journal of Clinical Oncology, 2022, 40, 6064-6064.	1.6	2
151	Reduction of Elective Radiotherapy Treatment Volume in Definitive Treatment of Locally Advanced Head and Neck Cancerâ€”Comparison of a Prospective Trial with a Revised Simulated Contouring Approach. Journal of Clinical Medicine, 2021, 10, 4653.	2.4	1
152	06.06â€¦Low dose radiation alters the inflammatory phenotype of fibroblast-like synoviocytes and macrophages and stimulates osteoblasts. , 2017, , .		0
153	Editorial to Radiation in Multimodal Tumor Immune Therapiesâ€”Mechanisms and Application. International Journal of Molecular Sciences, 2021, 22, 7648.	4.1	0
154	Frequent occurrence of therapeutically reversible cmv-associated encephalopathy during radiotherapy of the brain.. Journal of Clinical Oncology, 2016, 34, e13507-e13507.	1.6	0
155	Study of the impact of cytomegalovirus-encephalopathy on survival of brain cancer patients undergoing treatment with radio(chemo)therapy.. Journal of Clinical Oncology, 2017, 35, 2036-2036.	1.6	0
156	Radiobiological Principles of Radiotherapy for Benign Diseases. , 2020, , 1-15.		0
157	Development and validation of longitudinal c-reactive protein as dynamic response predictor for PD-L1 blockade in advanced NSCLC: Findings from four atezolizumab clinical trials.. Journal of Clinical Oncology, 2022, 40, e21113-e21113.	1.6	0