

Claire Vanpouille-Box

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

5,114
citations

218677

26
h-index

214800

47
g-index

65
all docs

65
docs citations

65
times ranked

6847
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA exonuclease Trex1 regulates radiotherapy-induced tumour immunogenicity. <i>Nature Communications</i> , 2017, 8, 15618.	12.8	1,194
2	Radiotherapy induces responses of lung cancer to CTLA-4 blockade. <i>Nature Medicine</i> , 2018, 24, 1845-1851.	30.7	626
3	TGF β 2 Is a Master Regulator of Radiation Therapy-Induced Antitumor Immunity. <i>Cancer Research</i> , 2015, 75, 2232-2242.	0.9	429
4	Immunological Mechanisms Responsible for Radiation-Induced Abscopal Effect. <i>Trends in Immunology</i> , 2018, 39, 644-655.	6.8	312
5	Exosomes Shuttle TREX1-Sensitive IFN-Stimulatory dsDNA from Irradiated Cancer Cells to DCs. <i>Cancer Immunology Research</i> , 2018, 6, 910-920.	3.4	245
6	Combinations of Immunotherapy and Radiation in Cancer Therapy. <i>Frontiers in Oncology</i> , 2014, 4, 325.	2.8	205
7	Cytosolic DNA Sensing in Organismal Tumor Control. <i>Cancer Cell</i> , 2018, 34, 361-378.	16.8	191
8	Barriers to Radiation-Induced In Situ Tumor Vaccination. <i>Frontiers in Immunology</i> , 2017, 8, 229.	4.8	149
9	In situ vaccination by radiotherapy to improve responses to anti-CTLA-4 treatment. <i>Vaccine</i> , 2015, 33, 7415-7422.	3.8	142
10	Synergy of Topical Toll-like Receptor 7 Agonist with Radiation and Low-Dose Cyclophosphamide in a Mouse Model of Cutaneous Breast Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 6668-6678.	7.0	140
11	Toward Precision Radiotherapy for Use with Immune Checkpoint Blockers. <i>Clinical Cancer Research</i> , 2018, 24, 259-265.	7.0	137
12	Pharmacological modulation of nucleic acid sensors α ” therapeutic potential and persisting obstacles. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 845-867.	46.4	126
13	Combination of Radiotherapy and Immune Checkpoint Inhibitors. <i>Seminars in Radiation Oncology</i> , 2015, 25, 28-33.	2.2	121
14	The therapeutic potential of human multipotent mesenchymal stromal cells combined with pharmacologically active microcarriers transplanted in hemi-parkinsonian rats. <i>Biomaterials</i> , 2011, 32, 1560-1573.	11.4	113
15	SnapShot: CGAS-STING Signaling. <i>Cell</i> , 2018, 173, 276-276.e1.	28.9	110
16	TREX1 dictates the immune fate of irradiated cancer cells. <i>Oncolmmunology</i> , 2017, 6, e1339857.	4.6	81
17	The Optimal Partnership of Radiation and Immunotherapy: from Preclinical Studies to Clinical Translation. <i>Radiation Research</i> , 2014, 182, 170-181.	1.5	80
18	Immune recognition of irradiated cancer cells. <i>Immunological Reviews</i> , 2017, 280, 220-230.	6.0	73

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19	Tumor eradication in rat glioma and bypass of immunosuppressive barriers using internal radiation with 188Re-lipid nanocapsules. <i>Biomaterials</i> , 2011, 32, 6781-6790.	11.4	63
20	Trial watch: Immune checkpoint blockers for cancer therapy. <i>Oncolimmunology</i> , 2017, 6, e1373237.	4.6	62
21	Effect of particle size on the biodistribution of lipid nanocapsules: Comparison between nuclear and fluorescence imaging and counting. <i>International Journal of Pharmaceutics</i> , 2013, 453, 594-600.	5.2	54
22	Emerging biomarkers for the combination of radiotherapy and immune checkpoint blockers. <i>Seminars in Cancer Biology</i> , 2018, 52, 125-134.	9.6	51
23	Radiation-Induced Long Noncoding RNAs in a Mouse Model after Whole-Body Irradiation. <i>Radiation Research</i> , 2018, 189, 251.	1.5	44
24	Activin A Promotes Regulatory T-cell-Mediated Immunosuppression in Irradiated Breast Cancer. <i>Cancer Immunology Research</i> , 2021, 9, 89-102.	3.4	39
25	Lipid Nanocapsules Loaded with Rhenium-188 Reduce Tumor Progression in a Rat Hepatocellular Carcinoma Model. <i>PLoS ONE</i> , 2011, 6, e16926.	2.5	38
26	Baseline T cell dysfunction by single cell network profiling in metastatic breast cancer patients. , 2019, 7, 177.		32
27	The TLR7 agonist imiquimod as an adjuvant for radiotherapy-elicited in situ vaccination against breast cancer. <i>Oncolimmunology</i> , 2013, 2, e25997.	4.6	30
28	Radiotherapy: An immune response modifier for immuno-oncology. <i>Seminars in Immunology</i> , 2021, 52, 101474.	5.6	29
29	Microarray analysis of miRNA expression profiles following whole body irradiation in a mouse model. <i>Biomarkers</i> , 2018, 23, 689-703.	1.9	28
30	Dual Transforming Growth Factor- β 2 and Programmed Death-1 Blockade: A Strategy for Immune-Excluded Tumors?. <i>Trends in Immunology</i> , 2018, 39, 435-437.	6.8	27
31	BAX and BAK at the Gates of Innate Immunity. <i>Trends in Cell Biology</i> , 2018, 28, 343-345.	7.9	21
32	Analysis of lncRNA-miRNA-mRNA expression pattern in heart tissue after total body radiation in a mouse model. <i>Journal of Translational Medicine</i> , 2021, 19, 336.	4.4	20
33	Influence of multidrug resistance on 18F-FCH cellular uptake in a glioblastoma model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1256-1264.	6.4	15
34	Exploiting Radiation Therapy to Restore Immune Reactivity of Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 671044.	2.8	11
35	Nanovectorized radiotherapy: a new strategy to induce anti-tumor immunity. <i>Frontiers in Oncology</i> , 2012, 2, 136.	2.8	10
36	Immunogenic Cell Death Driven by Radiation's Impact on the Tumor Microenvironment. <i>Cancer Treatment and Research</i> , 2020, 180, 281-296.	0.5	10

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37	TREX1 is a checkpoint for innate immune sensing of DNA damage that fosters cancer immune resistance. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 509-515.	2.6	8
38	Activin A backs-up TGF- β to promote regulatory T cells. <i>Onc Immunology</i> , 2021, 10, 1883288.	4.6	8
39	Detection and quantification of cytosolic DNA. <i>Methods in Enzymology</i> , 2019, 629, 17-33.	1.0	7
40	Long-term expression changes of immune-related genes in prostate cancer after radiotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 839-850.	4.2	7
41	Immunological barriers to immunotherapy in primary and metastatic breast cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e14393.	6.9	5
42	CD103 ⁺ cells at the forefront of anticancer immunity. <i>Onc Immunology</i> , 2017, 6, e1356154.	4.6	3
43	Apoptotic Caspases: A Double-Edged Sword in Radiation-Induced Immunogenicity. <i>Trends in Cell Biology</i> , 2019, 29, 851-853.	7.9	3
44	Nucleic Acid Sensing at the Interface Between Innate and Adaptive Immunity. <i>International Review of Cell and Molecular Biology</i> , 2019, 344, xi-xv.	3.2	3
45	The abscopal effect of local radiotherapy is induced by TGF β 2 blockade. , 2013, 1, .		2
46	Immunotherapy Bridge 2017 and Melanoma Bridge 2017: meeting abstracts. <i>Journal of Translational Medicine</i> , 2018, 16, .	4.4	2
47	Fractionated but not single dose radiation releases key signals of in situ tumor vaccination. , 2014, 2, .		1
48	TGF β 2 and activin A control regulatory T cells in irradiated tumors. , 2015, 3, .		1
49	Nucleic Acid Sensing at the Interface Between Innate and Adaptive Immunity. <i>International Review of Cell and Molecular Biology</i> , 2019, 345, ix-xiii.	3.2	1
50	Abstract PR-007: Targeting FASN improves type I interferon responses in irradiated glioblastoma. , 2021, , .		1
51	Immune radiobiology. <i>Journal of Translational Medicine</i> , 2021, 19, 255.	4.4	1
52	91â€¦Impact of ultra-fast â€œFLASHâ€™ radiotherapy on single cell immunogenomics in diffuse intrinsic pontine glioma (DIPG). , 2021, 9, A100-A100.		1
53	ELISA-based quantification of type I IFN secretion by irradiated cancer cells. <i>Methods in Cell Biology</i> , 2022, , .	1.1	1
54	Activin A is upregulated by radiation in breast cancer cells and promotes conversion of CD4 T cells into regulatory T cells. , 2013, 1, .		0

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55	Analysis of Pathologic Complete Response 10 Weeks After Radiotherapyâ€”A Radiobiological Sin. JAMA Oncology, 2019, 5, 1365.	7.1	0
56	DDRE-26. THE IMMUNO-METABOLIC ENZYME FASN PREVENTS CANCER-CELL INTRINSIC TYPE I INTERFERON RESPONSES IN GLIOBLASTOMA. Neuro-Oncology Advances, 2021, 3, i12-i12.	0.7	0
57	Editorial: Nucleic Acid-Associated Inflammation. Frontiers in Immunology, 2021, 12, 791580.	4.8	0
58	Abstract IA04: Partnership of radiotherapy and immunotherapy: A new paradigm in cancer treatment. , 2015, , .		0
59	Abstract 4987: Role of the PD-1/PDL-1 pathway in resistance of patients with metastatic breast cancer to treatment with radiotherapy and TGFÎ² neutralization. , 2016, , .		0
60	TAMI-65. FASN-MEDIATED LIPID SYNTHESIS HAMPERS ANTI-CANCER IMMUNITY OF GLIOBLASTOMA. Neuro-Oncology, 2021, 23, vi211-vi212.	1.2	0
61	905â€¦FASN prevents immunogenicity of irradiated glioblastoma by inhibiting ER stress. , 2021, 9, A950-A950.		0
62	TAMI-27. RADIATION THERAPY REPROGRAMS THE TUMOR METABOLISM TO PROMOTE SURVIVAL AND IMMUNOSUPPRESSION IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii218-ii219.	1.2	0
63	460â€¦The immuno-metabolic enzyme FASN prevents anti-tumor immune responses in irradiated glioblastoma. , 2020, , .		0