

Olga A Martin

List of Publications by Year in descending order

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36
papers

2,262
citations

361413

20
h-index

345221

36
g-index

36
all docs

36
docs citations

36
times ranked

4226
citing authors

#	ARTICLE	IF	CITATIONS
1	p21: A Two-Faced Genome Guardian. Trends in Molecular Medicine, 2017, 23, 310-319.	6.7	387
2	Abscopal effects of radiation therapy: A clinical review for the radiobiologist. Cancer Letters, 2015, 356, 82-90.	7.2	354
3	Use of the γ -H2AX assay to monitor DNA damage and repair in translational cancer research. Cancer Letters, 2012, 327, 123-133.	7.2	350
4	Does the mobilization of circulating tumour cells during cancer therapy cause metastasis?. Nature Reviews Clinical Oncology, 2017, 14, 32-44.	27.6	143
5	γ H2AX foci as a measure of DNA damage: A computational approach to automatic analysis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 711, 49-60.	1.0	102
6	Low dose ionizing radiation effects on the immune system. Environment International, 2021, 149, 106212.	10.0	89
7	A Pattern of Early Radiation-Induced Inflammatory Cytokine Expression Is Associated with Lung Toxicity in Patients with Non-Small Cell Lung Cancer. PLoS ONE, 2014, 9, e109560.	2.5	81
8	Building immunity to cancer with radiation therapy. Cancer Letters, 2015, 368, 198-208.	7.2	69
9	Mobilization of Viable Tumor Cells Into the Circulation During Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2014, 88, 395-403.	0.8	67
10	Radiotherapy for Non-Small Cell Lung Cancer Induces DNA Damage Response in Both Irradiated and Out-of-field Normal Tissues. Clinical Cancer Research, 2016, 22, 4817-4826.	7.0	57
11	Oxidative DNA damage caused by inflammation may link to stress-induced non-targeted effects. Cancer Letters, 2015, 356, 72-81.	7.2	56
12	Immunological markers that predict radiation toxicity. Cancer Letters, 2015, 368, 191-197.	7.2	50
13	Analysis of ^{177}Lu -DOTA-Octreotate Therapy-Induced DNA Damage in Peripheral Blood Lymphocytes of Patients with Neuroendocrine Tumors. Journal of Nuclear Medicine, 2015, 56, 505-511.	5.0	45
14	Radiation therapy-induced metastasis: radiobiology and clinical implications. Clinical and Experimental Metastasis, 2018, 35, 223-236.	3.3	42
15	Statistical analysis of kinetics, distribution and co-localisation of DNA repair foci in irradiated cells: Cell cycle effect and implications for prediction of radiosensitivity. DNA Repair, 2013, 12, 844-855.	2.8	40
16	Compromized DNA repair as a basis for identification of cancer radiotherapy patients with extreme radiosensitivity. Cancer Letters, 2016, 383, 212-219.	7.2	39
17	Localized Synchrotron Irradiation of Mouse Skin Induces Persistent Systemic Genotoxic and Immune Responses. Cancer Research, 2017, 77, 6389-6399.	0.9	29
18	Potential strategies to ameliorate risk of radiotherapy-induced second malignant neoplasms. Seminars in Cancer Biology, 2016, 37-38, 65-76.	9.6	28

#	ARTICLE	IF	CITATIONS
19	A prospective observational study of Gallium-68 ventilation and perfusion PET/CT during and after radiotherapy in patients with non-small cell lung cancer. <i>BMC Cancer</i> , 2014, 14, 740.	2.6	26
20	Systemic DNA damage accumulation under in vivo tumor growth can be inhibited by the antioxidant Tempol. <i>Cancer Letters</i> , 2014, 353, 248-257.	7.2	24
21	Assessment and Implications of Scattered Microbeam and Broadbeam Synchrotron Radiation for Bystander Effect Studies. <i>Radiation Research</i> , 2015, 184, 650-659.	1.5	20
22	A Functional Immune System Is Required for the Systemic Genotoxic Effects of Localized Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 1184-1193.	0.8	19
23	Cancer Radiotherapy: Understanding the Price of Tumor Eradication. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 261.	3.7	18
24	Microbeam Radiotherapy – A Novel Therapeutic Approach to Overcome Radioresistance and Enhance Anti-Tumour Response in Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7755.	4.1	18
25	Evaluation of Severe Combined Immunodeficiency and Combined Immunodeficiency Pediatric Patients on the Basis of Cellular Radiosensitivity. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 560-575.	2.8	16
26	Single-arm prospective interventional study assessing feasibility of using gallium-68 ventilation and perfusion PET/CT to avoid functional lung in patients with stage III non-small cell lung cancer. <i>BMJ Open</i> , 2020, 10, e042465.	1.9	15
27	Treatment for non-small-cell lung cancer and circulating tumor cells. <i>Lung Cancer Management</i> , 2017, 6, 129-139.	1.5	13
28	Enhanced intrinsic radiosensitivity after treatment with stereotactic radiosurgery for an acoustic neuroma. <i>Radiotherapy and Oncology</i> , 2012, 103, 410-414.	0.6	12
29	Radiation Therapy Modulates DNA Repair Efficiency in Peripheral Blood Mononuclear Cells of Patients With Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 521-531.	0.8	11
30	Abscopal Gene Expression in Response to Synchrotron Radiation Indicates a Role for Immunological and DNA Damage Response Genes. <i>Radiation Research</i> , 2020, 194, 678-687.	1.5	11
31	A Bayesian Approach for Prediction of Patient Radiosensitivity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 627-634.	0.8	10
32	Synchrotron X-Ray Radiation-Induced Bystander Effect: An Impact of the Scattered Radiation, Distance From the Irradiated Site and p53 Cell Status. <i>Frontiers in Oncology</i> , 2021, 11, 685598.	2.8	10
33	Monitoring DNA Damage and Repair in Peripheral Blood Mononuclear Cells of Lung Cancer Radiotherapy Patients. <i>Cancers</i> , 2020, 12, 2517.	3.7	8
34	Doctor on Call: Chernobyl Responder, Jewish Refugee, Radiation Expert. <i>Radiation Research</i> , 2021, 195, .	1.5	1
35	Non-Targeted Effects of Synchrotron Radiation: Lessons from Experiments at the Australian and European Synchrotrons. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2079.	2.5	1
36	Targeted Accumulation of Macrophages Induced by Microbeam Irradiation in a Tissue-Dependent Manner. <i>Biomedicines</i> , 2022, 10, 735.	3.2	1