Olga A Martin

List of Publications by Year
in descending order

36 papers	2,262 citations	361045 20 h-index	344852 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.	3.5	387
2	Abscopal effects of radiation therapy: A clinical review for the radiobiologist. Cancer Letters, 2015, 356, 82-90.	3.2	354
3	Use of the Î³-H2AX assay to monitor DNA damage and repair in translational cancer research. Cancer Letters, 2012, 327, 123-133.	3.2	350
4	Does the mobilization of circulating tumour cells during cancer therapy cause metastasis?. Nature Reviews Clinical Oncology, 2017, 14, 32-44.	12.5	143
5	Î³H2AX 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.	0.4	102
6	Low dose ionizing radiation effects on the immune system. Environment International, 2021, 149, 106212.	4.8	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.	1.1	81
8	Building immunity to cancer with radiation therapy. Cancer Letters, 2015, 368, 198-208.	3.2	69
9	Mobilization of Viable Tumor Cells Into the Circulation During Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2014, 88, 395-403.	0.4	67
10	Radiotherapy for Nonâ€“Small Cell Lung Cancer Induces DNA Damage Response in Both Irradiated and Out-of-field Normal Tissues. Clinical Cancer Research, 2016, 22, 4817-4826.	3.2	57
11	Oxidative DNA damage caused by inflammation may link to stress-induced non-targeted effects. Cancer Letters, 2015, 356, 72-81.	3.2	56
12	Immunological markers that predict radiation toxicity. Cancer Letters, 2015, 368, 191-197.	3.2	50
13	Analysis of ¹⁷⁷Lu-DOTA-Octreotate Therapyâ€“Induced DNA Damage in Peripheral Blood Lymphocytes of Patients with Neuroendocrine Tumors. Journal of Nuclear Medicine, 2015, 56, 505-511.	2.8	45
14	Radiation therapy-induced metastasis: radiobiology and clinical implications. Clinical and Experimental Metastasis, 2018, 35, 223-236.	1.7	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.	1.3	40
16	Compromized DNA repair as a basis for identification of cancer radiotherapy patients with extreme radiosensitivity. Cancer Letters, 2016, 383, 212-219.	3.2	39
17	Localized Synchrotron Irradiation of Mouse Skin Induces Persistent Systemic Genotoxic and Immune Responses. Cancer Research, 2017, 77, 6389-6399.	0.4	29
18	Potential strategies to ameliorate risk of radiotherapy-induced second malignant neoplasms. Seminars in Cancer Biology, 2016, 37-38, 65-76.	4.3	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. BMC Cancer, 2014, 14, 740.	1.1	26
20	Systemic DNA damage accumulation under in vivo tumor growth can be inhibited by the antioxidant Tempol. Cancer Letters, 2014, 353, 248-257.	3.2	24
21	Assessment and Implications of Scattered Microbeam and Broadbeam Synchrotron Radiation for Bystander Effect Studies. Radiation Research, 2015, 184, 650-659.	0.7	20
22	A Functional Immune System Is Required for the Systemic Genotoxic Effects of Localized Irradiation. International Journal of Radiation Oncology Biology Physics, 2019, 103, 1184-1193.	0.4	19
23	Cancer Radiotherapy: Understanding the Price of Tumor Eradication. Frontiers in Cell and Developmental Biology, 2020, 8, 261.	1.8	18
24	Microbeam Radiotherapyâ€"A Novel Therapeutic Approach to Overcome Radioresistance and Enhance Anti-Tumour Response in Melanoma. International Journal of Molecular Sciences, 2021, 22, 7755.	1.8	18
25	Evaluation of Severe Combined Immunodeficiency and Combined Immunodeficiency Pediatric Patients on the Basis of Cellular Radiosensitivity. Journal of Molecular Diagnostics, 2015, 17, 560-575.	1.2	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. BMJ Open, 2020, 10, e042465.	0.8	15
27	Treatment for non-small-cell lung cancer and circulating tumor cells. Lung Cancer Management, 2017, 6, 129-139.	1.5	13
28	Enhanced intrinsic radiosensitivity after treatment with stereotactic radiosurgery for an acoustic neuroma. Radiotherapy and Oncology, 2012, 103, 410-414.	0.3	12
29	Radiation Therapy Modulates DNA Repair Efficiency in Peripheral Blood Mononuclear Cells of Patients With Non-Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 103, 521-531.	0.4	11
30	Abscopal Gene Expression in Response to Synchrotron Radiation Indicates a Role for Immunological and DNA Damage Response Genes. Radiation Research, 2020, 194, 678-687.	0.7	11
31	A Bayesian Approach for Prediction of Patient Radiosensitivity. International Journal of Radiation Oncology Biology Physics, 2018, 102, 627-634.	0.4	10
32	Synchrotron X-Ray Radiation-Induced Bystander Effect: An Impact of the Scattered Radiation, Distance From the Irradiated Site and p53 Cell Status. Frontiers in Oncology, 2021, 11, 685598.	1.3	10
33	Monitoring DNA Damage and Repair in Peripheral Blood Mononuclear Cells of Lung Cancer Radiotherapy Patients. Cancers, 2020, 12, 2517.	1.7	8
34	Doctor on Call: Chernobyl Responder, Jewish Refugee, Radiation Expert. Radiation Research, 2021, 195, .	0.7	1
35	Non-Targeted Effects of Synchrotron Radiation: Lessons from Experiments at the Australian and European Synchrotrons. Applied Sciences (Switzerland), 2022, 12, 2079.	1.3	1
36	Targeted Accumulation of Macrophages Induced by Microbeam Irradiation in a Tissue-Dependent Manner. Biomedicines, 2022, 10, 735.	1.4	1