Patries M Herst

List of Publications by Year
in descending order

40 papers	3,091 citations	377584 21 h-index	371746 37 g-index
40 all docs	40 docs citations	40 times ranked	8441 citing authors

#	Article	IF	Citations
1	Bioenergetic and Metabolic Adaptation in Tumor Progression and Metastasis. Frontiers in Oncology, 2022, 12, 857686.	1.3	8
2	Practical Approach To Explore the Effects of Polyphenols on Aryl Hydrocarbon Receptor Regulated Immune Function. Journal of Agricultural and Food Chemistry, 2021, 69, 8625-8633.	2.4	6
3	A simple indirect colorimetric assay for measuring mitochondrial energy metabolism based on uncoupling sensitivity. Biochemistry and Biophysics Reports, 2020, 24, 100858.	0.7	0
4	Mitochondrial DNA Affects the Expression of Nuclear Genes Involved in Immune and Stress Responses in a Breast Cancer Model. Frontiers in Physiology, 2020, 11, 543962.	1.3	6
5	Cranberry capsules are not superior to placebo capsules in managing acute non-haemorrhagic radiation cystitis in prostate cancer patients: A phase III double blinded randomised placebo controlled clinical trial. Radiotherapy and Oncology, 2020, 149, 117-123.	0.3	6
6	Mepitel Film is superior to Biafine cream in managing acute radiationâ€induced skin reactions in head and neck cancer patients: a randomised intraâ€patient controlled clinical trial. Journal of Medical Radiation Sciences, 2020, 67, 208-216.	0.8	18
7	The effect of Mepitel Film on acute radiation-induced skin reactions in head and neck cancer patients: a feasibility study. British Journal of Radiology, 2018, 91, 20170298.	1.0	34
8	Intercellular Communication in Tumor Biology: A Role for Mitochondrial Transfer. Frontiers in Oncology, 2018, 8, 344.	1.3	44
9	Psychological stress affects the severity of radiation-induced acute skin reactions in breast cancer patients. European Journal of Cancer Care, 2017, 26, e12737.	0.7	12
10	High Dose Ascorbate Causes Both Genotoxic and Metabolic Stress in Glioma Cells. Antioxidants, 2017, 6, 58.	2.2	23
11	Functional Mitochondria in Health and Disease. Frontiers in Endocrinology, 2017, 8, 296.	1.5	219
12	Perfluorocarbon emulsions radiosensitise brain tumors in carbogen breathing mice with orthotopic GL261 gliomas. PLoS ONE, 2017, 12, e0184250.	1.1	16
13	Is inhibiting the DNA damage response the answer to treatment resistance in glioma stem cells?. Translational Cancer Research, 2016, 5, S815-S822.	0.4	1
14	Tumor Cell Complexity and Metabolic Flexibility in Tumorigenesis and Metastasis. , 2015, , 23-43.		3
15	Standardized cranberry capsules for radiation cystitis in prostate cancer patients in New Zealand: a randomized double blinded, placebo controlled pilot study. Supportive Care in Cancer, 2015, 23, 95-102.	1.0	33
16	Pharmacological Doses of Daily Ascorbate Protect Tumors from Radiation Damage after a Single Dose of Radiation in an Intracranial Mouse Glioma Model. Frontiers in Oncology, 2014, 4, 356.	1.3	29
17	Ascorbate Combination Therapy: New Tool in the Anticancer Toolbox?. Science Translational Medicine, 2014, 6, 222fs6.	5.8	10
18	Protecting the radiationâ€damaged skin from friction: a mini review. Journal of Medical Radiation Sciences, 2014, 61, 119-125.	0.8	32

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19	Radiosensitisation by pharmacological ascorbate in glioblastoma multiforme cells, human glial cells, and HUVECs depends on their antioxidant and DNA repair capabilities and is not cancer specific. Free Radical Biology and Medicine, 2014, 74, 200-209.	1.3	22
20	Prophylactic use of Mepitel Film prevents radiation-induced moist desquamation in an intra-patient randomised controlled clinical trial of 78 breast cancer patients. Radiotherapy and Oncology, 2014, 110, 137-143.	0.3	88
21	Cell Hierarchy, Metabolic Flexibility and Systems Approaches to Cancer Treatment. Current Pharmaceutical Biotechnology, 2013, 14, 289-299.	0.9	15
22	Indigenous New Zealand honeys exhibit multiple anti-inflammatory activities. Innate Immunity, 2012, 18, 459-466.	1.1	77
23	Manuka honey mouthwash does not affect oral mucositis in head and neck cancer patients in New Zealand. Journal of Radiotherapy in Practice, 2012, 11, 249-256.	0.2	21
24	Pharmacological concentrations of ascorbate radiosensitize glioblastoma multiforme primary cells by increasing oxidative DNA damage and inhibiting G2/M arrest. Free Radical Biology and Medicine, 2012, 52, 1486-1493.	1.3	75
25	The novel phloroglucinol PMT7 kills glycolytic cancer cells by blocking autophagy and sensitizing to nutrient stress. Journal of Cellular Biochemistry, 2011, 112, 1869-1879.	1.2	13
26	Metabolic flexibility and cell hierarchy in metastatic cancer. Mitochondrion, 2010, 10, 584-588.	1.6	58
27	The level of glycolytic metabolism in acute myeloid leukemia blasts at diagnosis is prognostic for clinical outcome. Journal of Leukocyte Biology, 2010, 89, 51-55.	1.5	90
28	The anti-cancer drug, phenoxodiol, kills primary myeloid and lymphoid leukemic blasts and rapidly proliferating T cells. Haematologica, 2009, 94, 928-934.	1.7	21
29	Sesquiterpene dialdehydes inhibit MSU crystal-induced superoxide production by infiltrating neutrophils in an in vivo model of gouty inflammation. Free Radical Biology and Medicine, 2009, 47, 616-621.	1.3	28
30	Targeting mitochondrial permeability in cancer drug development. Molecular Nutrition and Food Research, 2009, 53, 76-86.	1.5	32
31	Glycolytic metabolism confers resistance to combined all-trans retinoic acid and arsenic trioxide-induced apoptosis in HL60ÏÐ cells. Leukemia Research, 2008, 32, 327-333.	0.4	15
32	Plasma membrane electron transport inSaccharomyces cerevisiaedepends on the presence of mitochondrial respiratory subunits. FEMS Yeast Research, 2008, 8, 897-905.	1.1	15
33	The Level of Glycolytic Metabolism of AML Blasts May Predict Drug Sensitivity and Prognosis in Patients with AML. Blood, 2008, 112, 4022-4022.	0.6	0
34	Cell surface oxygen consumption: A major contributor to cellular oxygen consumption in glycolytic cancer cell lines. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 170-177.	0.5	141
35	Plasma Membrane Electron Transport: A New Target for Cancer Drug Development. Current Molecular Medicine, 2006, 6, 895-904.	0.6	59
36	Mitochondrial gene knockout HL60ÏÐ cells show preferential differentiation into monocytes/macrophages. Leukemia Research, 2005, 29, 1163-1170.	0.4	11

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37	Tetrazolium dyes as tools in cell biology: New insights into their cellular reduction. Biotechnology Annual Review, 2005, 11, 127-152.	2.1	1,638
38	Multiple proteins with single activities or a single protein with multiple activities: The conundrum of cell surface NADH oxidoreductases. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1708, 108-119.	0.5	42
39	Mitochondrial geneâ€knockout (Ï⁰) cells: A versatile model for exploring the secrets of transâ€plasma membrane electron transport. BioFactors, 2004, 20, 213-220.	2.6	36
40	Cell surface oxygen consumption by mitochondrial gene knockout cells. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1656, 79-87.	0.5	94