

Kim L O'Neill

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,321
citations

394286

19
h-index

330025

37
g-index

40
all docs

40
docs citations

40
times ranked

2575
citing authors

#	ARTICLE	IF	CITATIONS
1	The comet assay: a comprehensive review. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1995, 339, 37-59.	3.0	1,412
2	Detection of apoptosis induced DNA cleavage in scrapie-infected sheep brain. <i>FEMS Microbiology Letters</i> , 1994, 115, 341-346.	0.7	86
3	Key morphologic changes and DNA strand breaks in human lymphoid cells: Discriminating apoptosis from necrosis. <i>Scanning</i> , 1996, 18, 407-416.	0.7	77
4	The expansion of targetable biomarkers for CAR T cell therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 163.	3.5	61
5	Decreased DNA repair rates and protection from heat induced apoptosis mediated by electromagnetic field exposure. <i>Bioelectromagnetics</i> , 2002, 23, 106-112.	0.9	60
6	Thymidine kinase 1 through the ages: a comprehensive review. <i>Cell and Bioscience</i> , 2020, 10, 138.	2.1	49
7	A review of HPRT and its emerging role in cancer. <i>Medical Oncology</i> , 2018, 35, 89.	1.2	48
8	Non-small-cell lung cancer cell lines A549 and NCI-H460 express hypoxanthine guanine phosphoribosyltransferase on the plasma membrane. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1921-1932.	1.0	46
9	Thymidine Kinase 1 Upregulation Is an Early Event in Breast Tumor Formation. <i>Journal of Oncology</i> , 2012, 2012, 1-5.	0.6	38
10	Potential new biomarkers for endometrial cancer. <i>Cancer Cell International</i> , 2019, 19, 19.	1.8	38
11	Thymidine kinase: diagnostic and prognostic potential. <i>Expert Review of Molecular Diagnostics</i> , 2001, 1, 428-433.	1.5	37
12	Tail profile: a more accurate system for analyzing DNA damage using the Comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 537, 1-9.	0.9	36
13	A quadruplex real-time PCR assay for rapid detection and differentiation of the <i>Clostridium botulinum</i> toxin genes A, B, E and F. <i>Journal of Medical Microbiology</i> , 2010, 59, 55-64.	0.7	27
14	Evaluation of various glyphosate concentrations on DNA damage in human Raji cells and its impact on cytotoxicity. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 85, 79-85.	1.3	27
15	Serum detection of thymidine kinase 1 as a means of early detection of lung cancer. <i>Anticancer Research</i> , 2014, 34, 2145-51.	0.5	27
16	Membrane expression of thymidine kinase 1 and potential clinical relevance in lung, breast, and colorectal malignancies. <i>Cancer Cell International</i> , 2018, 18, 135.	1.8	26
17	A novel method for predicting antioxidant activity based on amino acid structure. <i>Food Chemistry</i> , 2014, 158, 490-496.	4.2	24
18	A Quadruplex Real-Time PCR Assay for the Rapid Detection and Differentiation of the Most Relevant Members of the <i>B. pseudomallei</i> Complex: <i>B. mallei</i> , <i>B. pseudomallei</i> , and <i>B. thailandensis</i> . <i>PLoS ONE</i> , 2016, 11, e0164006.	1.1	22

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19	Cytokines: Can Cancer Get the Message?. <i>Cancers</i> , 2022, 14, 2178.	1.7	21
20	Paving the way towards universal treatment with allogenic T cells. <i>Immunologic Research</i> , 2020, 68, 63-70.	1.3	20
21	Application of confocal laser scanning microscopy to analysis of H ₂ O ₂ -induced DNA damage in human cells. <i>Scanning</i> , 1993, 15, 136-139.	0.7	17
22	A multiplex real-time PCR assay for the detection and differentiation of <i>Francisella tularensis</i> subspecies. <i>Journal of Medical Microbiology</i> , 2012, 61, 1525-1531.	0.7	17
23	Elevated Expression of Hypoxanthine Guanine Phosphoribosyltransferase within Malignant Tissue. <i>Cancer and Clinical Oncology</i> , 2017, 6, 19.	0.2	15
24	Pharmacologic immunosuppression of mononuclear phagocyte phagocytosis by caffeine. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00180.	1.1	13
25	Biomarker analysis and clinical relevance of TK1 on the cell membrane of Burkitt's lymphoma and acute lymphoblastic leukemia. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 4355-4367.	1.0	11
26	Examination of Hypoxanthine Guanine Phosphoribosyltransferase as a biomarker for colorectal cancer patients. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1481810.	0.3	9
27	Novel monoclonal antibodies against thymidine kinase 1 and their potential use for the immunotargeting of lung, breast and colon cancer cells. <i>Cancer Cell International</i> , 2020, 20, 127.	1.8	9
28	Metastatic colon adenocarcinoma has a significantly elevated expression of IL-10 compared with primary colon adenocarcinoma tumors. <i>Cancer Biology and Therapy</i> , 2018, 19, 913-920.	1.5	7
29	Falling from grace: HPRT is not suitable as an endogenous control for cancer-related studies. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1-10.	0.3	7
30	Hypoxanthine Guanine Phosphoribosyltransferase expression is negatively correlated with immune activity through its regulation of purine synthesis. <i>Immunobiology</i> , 2020, 225, 151931.	0.8	7
31	Overexpression and surface localization of HPRT in prostate cancer provides a potential target for cancer specific antibody mediated cellular cytotoxicity. <i>Experimental Cell Research</i> , 2021, 403, 112567.	1.2	7
32	DNA damage caused by inorganic particulate matter on Raji and HepG2 cell lines exposed to ultraviolet radiation. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 771, 6-14.	0.9	5
33	The differential effects of heat-shocking on the viability of spores from <i>Bacillus anthracis</i> , <i>Bacillus subtilis</i> , and <i>Clostridium sporogenes</i> after treatment with peracetic acid and glutaraldehyde based disinfectants. <i>MicrobiologyOpen</i> , 2015, 4, 764-773.	1.2	4
34	Abstract 2149: Unusual expression of HPRT on the surface of the colorectal cancer cell lines HT29 and SW620. , 2017, , .		4
35	Video enhanced laser scanning microscopic analysis of DNA comet formation.. <i>Cell Biology International</i> , 1994, 18, 195-200.	1.4	3
36	Statistical Analysis of the Comet Assay Using a Mixture of Gamma Distributions. <i>Quantitative Microbiology</i> , 2000, 2, 67-79.	0.5	2

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37	Selection of human single domain antibodies (sdAb) against thymidine kinase 1 and their incorporation into sdAb-Fc antibody constructs for potential use in cancer therapy. PLoS ONE, 2022, 17, e0264822.	1.1	1