

Gary L Johanning

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,840
citations

24
h-index

42
g-index

54
ext. papers

2,090
ext. citations

5.2
avg, IF

4.06
L-index

#	Paper	IF	Citations
52	Expression of multiple human endogenous retrovirus surface envelope proteins in ovarian cancer. <i>International Journal of Cancer</i> , 2007 , 120, 81-90	7.5	152
51	Quantitation of HERV-K env gene expression and splicing in human breast cancer. <i>Oncogene</i> , 2003 , 22, 1528-35	9.2	134
50	Human endogenous retrovirus K triggers an antigen-specific immune response in breast cancer patients. <i>Cancer Research</i> , 2008 , 68, 5869-77	10.1	129
49	Association of the C677T methylenetetrahydrofolate reductase mutation and elevated homocysteine levels with congenital cardiac malformations. <i>American Journal of Obstetrics and Gynecology</i> , 2001 , 184, 806-12; discussion 812-7	6.4	107
48	Immunotherapeutic potential of anti-human endogenous retrovirus-K envelope protein antibodies in targeting breast tumors. <i>Journal of the National Cancer Institute</i> , 2012 , 104, 189-210	9.7	102
47	Quantitation of human papillomavirus 16 E6 and E7 DNA and RNA in residual material from ThinPrep Papanicolaou tests using real-time polymerase chain reaction analysis. <i>Cancer</i> , 2002 , 94, 2199-210	6.4	96
46	Detecting the expression of human endogenous retrovirus E envelope transcripts in human prostate adenocarcinoma. <i>Cancer</i> , 2003 , 98, 187-97	6.4	78
45	Human endogenous retrovirus type K antibodies and mRNA as serum biomarkers of early-stage breast cancer. <i>International Journal of Cancer</i> , 2014 , 134, 587-95	7.5	68
44	Activation of HERV-K Env protein is essential for tumorigenesis and metastasis of breast cancer cells. <i>Oncotarget</i> , 2016 , 7, 84093-84117	3.3	64
43	Expression of Human Endogenous Retrovirus Type K Envelope Protein is a Novel Candidate Prognostic Marker for Human Breast Cancer. <i>Genes and Cancer</i> , 2011 , 2, 914-22	2.9	57
42	Localized folate and vitamin B-12 deficiency in squamous cell lung cancer is associated with global DNA hypomethylation. <i>Nutrition and Cancer</i> , 2000 , 37, 99-107	2.8	55
41	Downregulation of Human Endogenous Retrovirus Type K (HERV-K) Viral RNA in Pancreatic Cancer Cells Decreases Cell Proliferation and Tumor Growth. <i>Clinical Cancer Research</i> , 2017 , 23, 5892-5911	12.9	47
40	Cytotoxicity of human endogenous retrovirus K-specific T cells toward autologous ovarian cancer cells. <i>Clinical Cancer Research</i> , 2015 , 21, 471-83	12.9	46
39	Chimeric antigen receptor T cells targeting HERV-K inhibit breast cancer and its metastasis through downregulation of Ras. <i>Onc Immunology</i> , 2015 , 4, e1047582	7.2	44
38	Effect of zinc deficiency and food restriction in rats on erythrocyte membrane zinc, phospholipid and protein content. <i>Journal of Nutrition</i> , 1989 , 119, 1654-60	4.1	44
37	A higher degree of methylation of the HPV 16 E6 gene is associated with a lower likelihood of being diagnosed with cervical intraepithelial neoplasia. <i>Cancer</i> , 2011 , 117, 957-63	6.4	41
36	A higher degree of LINE-1 methylation in peripheral blood mononuclear cells, a one-carbon nutrient related epigenetic alteration, is associated with a lower risk of developing cervical intraepithelial neoplasia. <i>Nutrition</i> , 2011 , 27, 513-9	4.8	38

35	Effect of angiotensin-converting enzyme gene polymorphism on pregnancy outcome, enzyme activity, and zinc concentration. <i>Obstetrics and Gynecology</i> , 1996 , 88, 497-502	4.9	37
34	Phenolic acid content of food plants and possible nutritional implications. <i>Journal of Agricultural and Food Chemistry</i> , 1986 , 34, 48-51	5.7	33
33	A lower degree of PBMC L1 methylation is associated with excess body weight and higher HOMA-IR in the presence of lower concentrations of plasma folate. <i>PLoS ONE</i> , 2013 , 8, e54544	3.7	32
32	Women with polymorphisms of methylenetetrahydrofolate reductase (MTHFR) and methionine synthase (MS) are less likely to have cervical intraepithelial neoplasia (CIN) 2 or 3. <i>International Journal of Cancer</i> , 2005 , 113, 991-7	7.5	32
31	A novel time-course cDNA microarray analysis method identifies genes associated with the development of cisplatin resistance. <i>Oncogene</i> , 2004 , 23, 744-52	9.2	31
30	Effects of energy expenditure and Ucp1 on photoperiod-induced weight gain in collard lemmings. <i>Obesity</i> , 2002 , 10, 541-50		29
29	The accumulation of ascorbic acid by squamous cell carcinomas of the lung and larynx is associated with global methylation of DNA. <i>Cancer</i> , 2000 , 89, 171-6	6.4	24
28	Modulation of breast cancer cell adhesion by unsaturated fatty acids. <i>Nutrition</i> , 1996 , 12, 810-6	4.8	23
27	Folate and vitamin B12 may play a critical role in lowering the HPV 16 methylation-associated risk of developing higher grades of CIN. <i>Cancer Prevention Research</i> , 2014 , 7, 1128-37	3.2	22
26	10-Formyl-dihydrofolic acid is bioactive in human leukemia cells. <i>Journal of Nutrition</i> , 1999 , 129, 1315-8	4.1	22
25	A dietary pattern associated with LINE-1 methylation alters the risk of developing cervical intraepithelial neoplasia. <i>Cancer Prevention Research</i> , 2012 , 5, 385-92	3.2	21
24	The role of human endogenous retroviruses in brain development and function. <i>Apmis</i> , 2016 , 124, 105-15	3.4	18
23	Artificial rearing of rat pups: implications for nutrition research. <i>Annual Review of Nutrition</i> , 1994 , 14, 21-40	9.9	16
22	Protective association of MTHFR polymorphism on cervical intraepithelial neoplasia is modified by riboflavin status. <i>Nutrition</i> , 2007 , 23, 229-35	4.8	15
21	Cellular vitamins, DNA methylation and cancer risk. <i>Journal of Nutrition</i> , 2002 , 132, 2340S-2344S	4.1	15
20	Altered gene expression profile in chemically induced rat mammary adenocarcinomas and its modulation by an aromatase inhibitor. <i>Oncogene</i> , 2001 , 20, 7710-21	9.2	15
19	Characterization of the mouse dihydrolipoamide dehydrogenase (Dld) gene: genomic structure, promoter sequence, and chromosomal localization. <i>Genomics</i> , 1997 , 41, 320-6	4.3	13
18	Micronutrients and cancer therapy. <i>Nutrition Reviews</i> , 2004 , 62, 142-7	6.4	13

17	Iron compounds catalyze the oxidation of 10-formyl-5,6,7,8 tetrahydrofolic acid to 10-formyl-7,8 dihydrofolic acid. <i>Journal of Inorganic Biochemistry</i> , 1998 , 71, 181-7	4.2	12
16	Effect of zinc deficiency and food restriction in the pig on erythrocyte fragility and plasma membrane composition. <i>Nutrition Research</i> , 1990 , 10, 1463-1471	4	10
15	Intrinsic cisplatin resistance in lung and ovarian cancer cells propagating in medium acutely depleted of folate. <i>Nutrition and Cancer</i> , 2006 , 54, 274-84	2.8	9
14	Omega-3 fatty acids decrease protein kinase expression in human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2001 , 67, 279-83	4.4	9
13	⁵⁹ Fe is retained from an elemental ⁵⁹ Fe powder supplement without effects on ⁶⁵ Zinc, ⁴⁷ Calcium and ⁶⁷ Copper in young pigs. <i>Journal of Nutrition</i> , 1999 , 129, 181-7	4.1	9
12	A lower degree of PBMC L1 methylation in women with lower folate status may explain the MTHFR C677T polymorphism associated higher risk of CIN in the US post folic acid fortification era. <i>PLoS ONE</i> , 2014 , 9, e110093	3.7	8
11	Functional variants in CYP1A1 and GSTM1 are associated with clearance of cervical HPV infection. <i>Gynecologic Oncology</i> , 2014 , 135, 560-4	4.9	5
10	Retinoids and epigenetic silencing in cancer. <i>Nutrition Reviews</i> , 2003 , 61, 284-9	6.4	5
9	Effect of dietary fiber on a guinea pig intestinal anaerobe, <i>Bacteroides ovatus</i> . <i>Journal of Nutrition</i> , 1984 , 114, 354-60	4.1	5
8	Homocysteinemia is Associated with a Lower Degree of PBMC LINE-1 Methylation and a Higher Risk of CIN 2C in the U.S. Post-Folic Acid Fortification Era. <i>Nutrition and Cancer</i> , 2016 , 68, 446-55	2.8	3
7	Eicosapentaenoic acid and epidermal growth factor modulation of human breast cancer cell adhesion. <i>Cancer Letters</i> , 1997 , 118, 95-100	9.9	3
6	Effects of body weight gain reduction resulting from chemopreventive agent treatment on mammary gland morphology. <i>Nutrition and Cancer</i> , 2002 , 43, 67-75	2.8	3
5	Chimeric antigen receptor T-cell immunotherapy in breast cancer: development and challenges. <i>Journal of Cancer</i> , 2021 , 12, 1212-1219	4.5	3
4	Sheep stromal-epithelial cell interactions and ovarian tumor progression. <i>International Journal of Cancer</i> , 2007 , 121, 2346-54	7.5	2
3	Determinants of neural tube defect (NTD)-protective circulating concentrations of folate in women of child-bearing age in the US post-folic acid fortification era. <i>Nutrition Research and Practice</i> , 2013 , 7, 315-25	2.1	1
2	Racial differences in dietary choices and their relationship to inflammatory potential in childbearing age women at risk for exposure to COVID-19. <i>Nutrition Research</i> , 2021 , 90, 1-12	4	0
1	The dataset for the assessment of the inflammatory potential of the overall diet consumed by women of childbearing age. <i>Data in Brief</i> , 2021 , 37, 107238	1.2	