

# Jyotdeep Kaur

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

1,651  
citations

304368

22  
h-index

344852

36  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic cold exposure affects the antioxidant defense system in various rat tissues. <i>Clinica Chimica Acta</i> , 2003, 333, 69-77.	0.5	158
2	New perspectives on folate transport in relation to alcoholism-induced folate malabsorption – association with epigenome stability and cancer development. <i>FEBS Journal</i> , 2009, 276, 2175-2191.	2.2	130
3	Polymorphism of DNA repair gene XRCC1 and hepatitis-related hepatocellular carcinoma risk in Indian population. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 7-13.	1.4	60
4	Imbalance between matrix metalloproteinases and their tissue inhibitors in preeclampsia and gestational trophoblastic diseases. <i>Reproduction</i> , 2016, 152, 11-22.	1.1	54
5	Effect of imbalance in folate and vitamin B12 in maternal/parental diet on global methylation and regulatory miRNAs. <i>Scientific Reports</i> , 2019, 9, 17602.	1.6	54
6	Folate status in various pathophysiological conditions. <i>IUBMB Life</i> , 2008, 60, 834-842.	1.5	50
7	Th1/Th2 cytokines and their genotypes as predictors of hepatitis B virus related hepatocellular carcinoma. <i>World Journal of Hepatology</i> , 2015, 7, 1572.	0.8	50
8	Down-regulation of reduced folate carrier may result in folate malabsorption across intestinal brush border membrane during experimental alcoholism. <i>FEBS Journal</i> , 2007, 274, 6317-6328.	2.2	48
9	COVID-19 associated variations in liver function parameters: a retrospective study. <i>Postgraduate Medical Journal</i> , 2022, 98, 91-97.	0.9	44
10	Effect of IL-12B, IL-2, TGF- $\beta$ 1, and IL-4 Polymorphism and Expression on Hepatitis B Progression. <i>Journal of Interferon and Cytokine Research</i> , 2014, 34, 117-128.	0.5	43
11	Epigenetic mechanisms regulate placental c-myc and hTERT in normal and pathological pregnancies; c-myc as a novel fetal DNA epigenetic marker for pre-eclampsia. <i>Molecular Human Reproduction</i> , 2014, 20, 1026-1040.	1.3	35
12	Effect of chronic cold stress on intestinal epithelial cell proliferation and inflammation in rats. <i>Stress</i> , 2005, 8, 191-197.	0.8	34
13	Long-term alcohol ingestion alters the folate-binding kinetics in intestinal brush border membrane in experimental alcoholism. <i>Alcohol</i> , 2007, 41, 441-446.	0.8	32
14	Glutathione-S-Transferase and Microsomal Epoxide Hydrolase Polymorphism and Viral-Related Hepatocellular Carcinoma Risk in India. <i>DNA and Cell Biology</i> , 2008, 27, 687-694.	0.9	32
15	Circulating Cell-Free Nucleic Acids as Epigenetic Biomarkers in Precision Medicine. <i>Frontiers in Genetics</i> , 2020, 11, 844.	1.1	32
16	Evaluation of the kinetic properties of the folate transport system in intestinal absorptive epithelium during experimental ethanol ingestion. <i>Molecular and Cellular Biochemistry</i> , 2007, 304, 265-271.	1.4	30
17	Intestinal Alkaline Phosphatase Secretion in Oil-Fed Rats. <i>Digestive Diseases and Sciences</i> , 2007, 52, 665-670.	1.1	29
18	Reduced levels of folate transporters (PCFT and RFC) in membrane lipid rafts result in colonic folate malabsorption in chronic alcoholism. <i>Journal of Cellular Physiology</i> , 2011, 226, 579-587.	2.0	29

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19	Epigenetic modifications at DMRs of placental genes are subjected to variations in normal gestation, pathological conditions and folate supplementation. <i>Scientific Reports</i> , 2017, 7, 40774.	1.6	28
20	Low folate transport across intestinal basolateral surface is associated with downregulation of reduced folate carrier in <i>in vivo</i> model of folate malabsorption. <i>IUBMB Life</i> , 2009, 61, 236-243.	1.5	27
21	Decreased Expression of Transporters Reduces Folate Uptake across Renal Absorptive Surfaces in Experimental Alcoholism. <i>Journal of Membrane Biology</i> , 2007, 220, 69-77.	1.0	26
22	Association of Graded Folic Acid Supplementation and Total Plasma Homocysteine Levels With Hematological Toxicity During First-line Treatment of Nonsquamous NSCLC Patients With Pemetrexed-based Chemotherapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2017, 40, 75-82.	0.6	26
23	Chronic alcoholism alters the transport characteristics of folate in rat renal brush border membrane. <i>Alcohol</i> , 2006, 38, 59-66.	0.8	24
24	IFN- $\gamma$ (+874) and not TNF- $\alpha$ ( $\sim$ 308) is associated with HBV-HCC risk in India. <i>Molecular and Cellular Biochemistry</i> , 2014, 385, 297-307.	1.4	23
25	Indocyanine green clearance test (using spectrophotometry) and its correlation with Model for End Stage Liver Disease (MELD) score in Indian patients with cirrhosis of liver. <i>Tropical Gastroenterology: Official Journal of the Digestive Diseases Foundation</i> , 2012, 33, 129-134.	0.0	23
26	Regulatory mechanisms of intestinal folate uptake in a rat model of folate oversupplementation. <i>British Journal of Nutrition</i> , 2011, 105, 827-835.	1.2	22
27	Interleukin-1 Polymorphism and Expression in Hepatitis B Virus-Mediated Disease Outcome in India. <i>Journal of Interferon and Cytokine Research</i> , 2013, 33, 80-89.	0.5	22
28	Kinetic characteristics of folate binding to rat renal brush border membrane in chronic alcoholism. <i>Molecular and Cellular Biochemistry</i> , 2005, 280, 219-225.	1.4	21
29	Effect of chronic ethanol administration on the absorptive functions of the rat small intestine. <i>Alcohol</i> , 1993, 10, 299-302.	0.8	19
30	Methylation profiling of tumor suppressor genes and oncogenes in hepatitis virus-related hepatocellular carcinoma in northern India. <i>Cancer Genetics and Cytogenetics</i> , 2009, 195, 112-119.	1.0	19
31	Haplotypes of Microsomal Epoxide Hydrolase and X-Ray Cross-Complementing Group 1 Genes in Indian Hepatocellular Carcinoma Patients. <i>DNA and Cell Biology</i> , 2009, 28, 573-577.	0.9	19
32	Association of aberrant methylation at promoter regions of tumor suppressor genes with placental pathologies. <i>Epigenomics</i> , 2016, 8, 767-787.	1.0	19
33	Chronic Ethanol Feeding Affects Intestinal Mucus Lipid Composition and Glycosylation in Rats. <i>Annals of Nutrition and Metabolism</i> , 2002, 46, 38-44.	1.0	18
34	Role of signaling pathways in the regulation of folate transport in ethanol-fed rats. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 291-297.	1.9	17
35	IL-6 ( $\sim$ 572/ $\sim$ 597) polymorphism and expression in HBV disease chronicity in an Indian population. <i>American Journal of Human Biology</i> , 2014, 26, 549-555.	0.8	17
36	Identification of regulatory mechanisms of intestinal folate transport in condition of folate deficiency. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1084-1094.	1.9	16

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37	Biochemical and Molecular Mechanisms of Folate Transport in Rat Pancreas; Interference with Ethanol Ingestion. <i>PLoS ONE</i> , 2011, 6, e28599.	1.1	15
38	Alcohol-associated folate disturbances result in altered methylation of folate-regulating genes. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 157-166.	1.4	15
39	Okadaic Acid and Hypoxia Induced Dementia Model of Alzheimer's Type in Rats. <i>Neurotoxicity Research</i> , 2019, 35, 621-634.	1.3	15
40	Ethanol effects on lipid peroxidation and glutathione-mediated defense in rat small intestine: Role of dietary fats. <i>Alcohol</i> , 1998, 15, 65-69.	0.8	14
41	Mechanistic insights of intestinal absorption and renal conservation of folate in chronic alcoholism. <i>Alcohol</i> , 2013, 47, 121-130.	0.8	14
42	Association of interleukin-10 with hepatitis B virus (HBV) mediated disease progression in Indian population. <i>Indian Journal of Medical Research</i> , 2014, 139, 737-45.	0.4	13
43	Folate malabsorption is associated with down-regulation of folate transporter expression and function at colon basolateral membrane in rats. <i>British Journal of Nutrition</i> , 2012, 107, 800-808.	1.2	12
44	Reduced expression of folate transporters in kidney of a rat model of folate oversupplementation. <i>Genes and Nutrition</i> , 2014, 9, 369.	1.2	11
45	Epigenetic regulation of STAT5A and its role as fetal DNA epigenetic marker during placental development and dysfunction. <i>Placenta</i> , 2016, 44, 46-53.	0.7	11
46	The role of aberrant methylation of trophoblastic stem cell origin in the pathogenesis and diagnosis of placental disorders. <i>Prenatal Diagnosis</i> , 2017, 37, 133-143.	1.1	11
47	Folic Acid Levels During Pregnancy Regulate Trophoblast Invasive Behavior and the Possible Development of Preeclampsia. <i>Frontiers in Nutrition</i> , 2022, 9, 847136.	1.6	11
48	Serial changes in morphology and biochemical markers in platelet preparations with storage. <i>Asian Journal of Transfusion Science</i> , 2015, 9, 41.	0.1	10
49	Association of rs18396182 cluster with diethylnitrosamine induced liver fibrosis in Wistar rats. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4072-4084.	1.2	10
50	Effects of altered maternal folate and vitamin B12 on neurobehavioral outcomes in F1 male mice. <i>Brain Research Bulletin</i> , 2019, 153, 93-101.	1.4	10
51	Adaptive transport of folic acid across renal epithelia in folate-deficient rats. <i>Journal of Physiological Sciences</i> , 2012, 62, 461-468.	0.9	9
52	Modulation of dietary folate with age confers selective hepatocellular epigenetic imprints through DNA methylation. <i>Journal of Nutritional Biochemistry</i> , 2018, 53, 121-132.	1.9	9
53	Timing of folic acid/vitamin B12 supplementation and hematologic toxicity during first-line treatment of patients with nonsquamous non-small cell lung cancer using pemetrexed-based chemotherapy: The PEMVITASTART randomized trial. <i>Cancer</i> , 2019, 125, 2203-2212.	2.0	9
54	Association of Serum TGF- $\beta$ 1 Levels with Different Clinical Phenotypes of Cystic Fibrosis Exacerbation. <i>Lung</i> , 2020, 198, 377-383.	1.4	8

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55	Different dietary combinations of folic acid and vitamin B12 in parental diet results in epigenetic reprogramming of IGF2R and KCNQ1OT1 in placenta and fetal tissues in mice. <i>Molecular Reproduction and Development</i> , 2021, 88, 437-458.	1.0	8
56	Mechanism of intestinal folate transport during folate deficiency in rodent model. <i>Indian Journal of Medical Research</i> , 2012, 136, 758-65.	0.4	8
57	Decreased activity of folate transporters in lipid rafts resulted in reduced hepatic folate uptake in chronic alcoholism in rats. <i>Genes and Nutrition</i> , 2013, 8, 209-219.	1.2	7
58	Gene specific epigenetic regulation of hepatic folate transport system is responsible for perturbed cellular folate status during aging and exogenous modulation. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1501-1513.	1.5	7
59	Temporal expression of genes involved in folate metabolism and transport during placental development, preeclampsia and neural tube defects. <i>Molecular Biology Reports</i> , 2019, 46, 3193-3201.	1.0	7
60	Cytokine signaling pathway in cystic fibrosis: expression of SOCS and STATs genes in different clinical phenotypes of the disease. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2869-2876.	1.4	7
61	Increased synthesis of folate transporters regulates folate transport in conditions of ethanol exposure and folate deficiency. <i>Molecular and Cellular Biochemistry</i> , 2016, 411, 151-160.	1.4	6
62	Dietary modulations of folic acid affect the development of diethylnitrosamine induced hepatocellular carcinoma in a rat model. <i>Journal of Molecular Histology</i> , 2021, 52, 335-350.	1.0	6
63	Altered dietary ratio of folic acid and vitamin B <sub>12</sub> during pregnancy influences the expression of imprinted H19/IGF2 locus in C57BL/6 mice. <i>British Journal of Nutrition</i> , 2022, 128, 1470-1489.	1.2	6
64	Effect of Chronic Ethanol Administration and Dietary Protein Regimens on Intestinal Absorption of Macromolecules in Rats. <i>Annals of Nutrition and Metabolism</i> , 1995, 39, 152-158.	1.0	5
65	Dietary protein regimens and chronic ethanol administration effects on sodium- and proton-dependent solute uptake in rat intestine. <i>Alcohol</i> , 1995, 12, 459-462.	0.8	5
66	Folate Deficiency Results in Alteration in Intestinal Brush Border Membrane Composition and Enzyme Activities in Weanling Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2006, 52, 163-167.	0.2	5
67	Effect of Maternal Diabetes on Postnatal Development of Brush Border Enzymes and Transport Functions in Rat Intestine. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 8-15.	0.9	5
68	Reduced SP1-mediated transcriptional activation decreases expression of intestinal folate transporters in response to ethanol exposure. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1713-1724.	1.5	4
69	Ethanol-Induced Changes in Lipid Composition of Intestinal Microvillus Membrane in Rats Fed Different Dietary Fats. <i>Annals of Nutrition and Metabolism</i> , 2004, 48, 221-227.	1.0	3
70	Gestational diabetes affects postnatal development of transport and enzyme functions in rat intestine. <i>Molecular and Cellular Biochemistry</i> , 2012, 361, 71-77.	1.4	3
71	Regulation at multiple levels control the expression of folate transporters in liver cells in conditions of ethanol exposure and folate deficiency. <i>BioFactors</i> , 2015, 41, 232-241.	2.6	3
72	Stewart (physicochemical) approach versus conventional anion gap approach for resolution of metabolic acidosis in diabetic ketoacidosis. <i>International Journal of Diabetes in Developing Countries</i> , 2021, 41, 628-633.	0.3	3

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73	GCM2 Silencing in Parathyroid Adenoma Is Associated With Promoter Hypermethylation and Gain of Methylation on Histone 3. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4084-e4096.	1.8	3
74	Microsomal Epoxide Hydrolase Polymorphisms and Haplotypes as Determinants of Hepatitis B Virus and Hepatitis C Virus-related Liver Disease in Indian Population. <i>Journal of Clinical and Experimental Hepatology</i> , 2012, 2, 104-111.	0.4	2
75	Rationale and Design of PEMVITASTART—An Open-label Randomized Trial Comparing Simultaneous Versus Standard Initiation of Vitamin B 12 and Folate Supplementation in Nonsquamous, Non-small-cell Lung Cancer Patients Undergoing First-line Pemetrexed-based Chemotherapy. <i>Clinical Lung Cancer</i> , 2017, 18, 432-435.	1.1	2
76	Association of interleukin-18 genotypes (rs607C>A) and (rs137 G>C) with the hepatitis B virus disease progression to hepatocellular carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3923-3933.	1.4	2
77	Circulating cardiac biomarkers and echocardiographic abnormalities in patients with scrub typhus: A prospective cohort study from a tertiary care center in North India. <i>Journal of Vector Borne Diseases</i> , 2021, 58, 193.	0.1	2
78	Tumor suppressor genes are differentially regulated with dietary folate modulations in a rat model of hepatocellular carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 385-399.	1.4	1
79	Epigenetic regulation during placentation. , 2021, , 117-152.		1
80	Identification of regulatory mechanisms of intestinal folate transport in condition of folate deficiency. , 2015, 26, 1084-1084.		1
81	Buffy coat pooled platelet concentrate: A new age platelet component. <i>Asian Journal of Transfusion Science</i> , 2021, 15, 125.	0.1	1
82	Chronic cold stress-induced alterations in brush border membrane composition and enzyme activities in rat intestine. <i>Indian Journal of Biochemistry and Biophysics</i> , 2003, 40, 180-5.	0.2	1
83	Combined Analysis of Anti SARS-CoV-2 IgG and IgM Responses in COVID19 Patients in India. <i>Indian Journal of Clinical Biochemistry</i> , 2021, 36, 485-491.	0.9	0
84	Hypertrophic post-acne scarring is associated with a single nucleotide polymorphism (rs243865) in the matrix metalloproteinase-2 gene. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 1426-1435.	0.4	0