

Sanjay Basak

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,121
citations

394421

19
h-index

414414

32
g-index

54
all docs

54
docs citations

54
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Is copper beneficial for COVID-19 patients?. <i>Medical Hypotheses</i> , 2020, 142, 109814.	1.5	155
2	Plastics derived endocrine-disrupting compounds and their effects on early development. <i>Birth Defects Research</i> , 2020, 112, 1308-1325.	1.5	82
3	Docosahexaenoic acid stimulates tube formation in first trimester trophoblast cells, HTR8/SVneo. <i>Placenta</i> , 2011, 32, 626-632.	1.5	79
4	Docosahexaenoic acid, 22:6n-3: Its roles in the structure and function of the brain. <i>International Journal of Developmental Neuroscience</i> , 2019, 79, 21-31.	1.6	67
5	Maternal dietary fatty acids and their roles in human placental development. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 155, 102080.	2.2	57
6	Effects of fatty acids on angiogenic activity in the placental extravillous trophoblast cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 155-162.	2.2	56
7	Fatty acid-induced angiogenesis in first trimester placental trophoblast cells: Possible roles of cellular fatty acid-binding proteins. <i>Life Sciences</i> , 2013, 93, 755-762.	4.3	43
8	Maternal Docosahexaenoic Acid Status during Pregnancy and Its Impact on Infant Neurodevelopment. <i>Nutrients</i> , 2020, 12, 3615.	4.1	42
9	Fatty acids and evolving roles of their proteins in neurological, cardiovascular disorders and cancers. <i>Progress in Lipid Research</i> , 2021, 83, 101116.	11.6	42
10	Bisphenol-A impairs cellular function and alters DNA methylation of stress pathway genes in first trimester trophoblast cells. <i>Reproductive Toxicology</i> , 2018, 82, 72-79.	2.9	39
11	Conjugated Linoleic Acid and Its Beneficial Effects in Obesity, Cardiovascular Disease, and Cancer. <i>Nutrients</i> , 2020, 12, 1913.	4.1	39
12	Leptin induces tube formation in first-trimester extravillous trophoblast cells. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2012, 164, 24-29.	1.1	37
13	Maternal Supply of Both Arachidonic and Docosahexaenoic Acids Is Required for Optimal Neurodevelopment. <i>Nutrients</i> , 2021, 13, 2061.	4.1	36
14	Maternal Fatty Acid Metabolism in Pregnancy and Its Consequences in the Feto-Placental Development. <i>Frontiers in Physiology</i> , 2021, 12, 787848.	2.8	34
15	Impact of maternal dietary fatty acid composition on glucose and lipid metabolism in male rat offspring aged 105 d. <i>British Journal of Nutrition</i> , 2009, 102, 233-241.	2.3	32
16	cis-9,trans-11 conjugated linoleic acid stimulates expression of angiopoietin like-4 in the placental extravillous trophoblast cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 834-843.	2.4	28
17	The interplay between glucose and fatty acids on tube formation and fatty acid uptake in the first trimester trophoblast cells, HTR8/SVneo. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 11-19.	3.1	26
18	Maternal dietary deficiency of n-3 fatty acids affects metabolic and epigenetic phenotypes of the developing fetus. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 158, 102109.	2.2	25

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19	Curcumin stimulates angiogenesis through VEGF and expression of HLA-€ in first-trimester human placental trophoblasts. <i>Cell Biology International</i> , 2020, 44, 1237-1251.	3.0	24
20	Tube formation in the first trimester placental trophoblast cells: Differential effects of angiogenic growth factors and fatty acids. <i>Cell Biology International</i> , 2016, 40, 652-661.	3.0	21
21	Detection and Identification of Transgenic Elements by Fluorescent-PCR-Based Capillary Gel Electrophoresis in Genetically Modified Cotton and Soybean. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 159-165.	1.5	19
22	Connective tissue growth factor induces tube formation and IL-8 production in first trimester human placental trophoblast cells. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 181, 183-188.	1.1	18
23	Cellular growth and tube formation of HTR8/SVneo trophoblast: effects of exogenously added fatty acid-binding protein-4 and its inhibitor. <i>Molecular and Cellular Biochemistry</i> , 2018, 437, 55-64.	3.1	18
24	Maternal n-3 PUFA deficiency alters uterine artery remodeling and placental epigenome in the mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 96, 108784.	4.2	16
25	Maternal PUFAs, Placental Epigenetics, and Their Relevance to Fetal Growth and Brain Development. <i>Reproductive Sciences</i> , 2023, 30, 408-427.	2.5	14
26	Dietary Fats and the Gut Microbiota: Their impacts on lipid-induced metabolic syndrome. <i>Journal of Functional Foods</i> , 2022, 91, 105026.	3.4	12
27	Prenatal exposure to bisphenol S and bisphenol A differentially affects male reproductive system in the adult offspring. <i>Food and Chemical Toxicology</i> , 2022, 167, 113292.	3.6	10
28	Insulin-dependent, glucose transporter 1 mediated glucose uptake and tube formation in the human placental first trimester trophoblast cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 451, 91-106.	3.1	8
29	Fructooligosaccharide ameliorates high-fat induced intrauterine inflammation and improves lipid profile in the hamster offspring. <i>Journal of Nutritional Biochemistry</i> , 2022, 101, 108925.	4.2	8
30	Fatty acid-binding protein3 expression in BeWo cells, a human placental choriocarcinoma cell line. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 120, 1-7.	2.2	6
31	Simultaneous Detection of Genetically Modified Organisms in a Mixture by Multiplex PCR-Chip Capillary Electrophoresis. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 1366-1374.	1.5	5
32	Docosahexaenoic acid and angiogenesis: a role in early placentation. <i>Clinical Lipidology</i> , 2012, 7, 303-312.	0.4	4
33	Cytoplasmic fatty acid-binding proteins in metabolic diseases and cancers. <i>Advances in Protein Chemistry and Structural Biology</i> , 2022, , 143-174.	2.3	3
34	Fats in maternal and child health: Regional ISSFAL congress in India. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 156, 102092.	2.2	2
35	Placental Epigenetics and Its Importance in Placental Development. , 2016, , 129-137.		1
36	Endocrine Factors and Their Effects on Placentation. , 2016, , 91-100.		1

#	ARTICLE	IF	CITATIONS
37	Docosahexaenoic Acid and Angiogenesis: A Review. , 2013, , 193-208.		0
38	Dietary Fatty Acids and Placentation. , 2016, , 39-50.		0
39	Sources of Key Nutrients for Successful Placentation. , 2016, , 151-159.		0
40	Glucose and Amino Acid and Their Roles in Placentation. , 2016, , 23-38.		0
41	B Vitamins and Their Role on Trophoblast Growth and Development. , 2016, , 51-68.		0
42	Maternal Lifestyle Factors and Placentation. , 2016, , 101-118.		0
43	Regulation of Placentation by Environmental Factors. , 2016, , 119-128.		0
44	Importance of Cholesterol and Cholesterol Transporters in the Placental Trophoblast during Pregnancy. , 2015, , 148-163.		0
45	Role of Cytokines in Healthy and Pathological Pregnancies. , 2015, , 330-341.		0
46	Gene Regulation, microRNA, and Placentation. , 2016, , 139-149.		0
47	Fat-Soluble and Antioxidant Vitamins and Minerals: Their Roles in Placentation. , 2016, , 69-89.		0
48	Early Placentation Processes. , 2016, , 13-21.		0