Sanjay Basak

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6301034/publications.pdf

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48	1,121	394421	414414
papers	citations	19 h-index	32 g-index

54	54	54	1268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maternal PUFAs, Placental Epigenetics, and Their Relevance to Fetal Growth and Brain Development. Reproductive Sciences, 2023, 30, 408-427.	2.5	14
2	Fructooligosaccharide ameliorates high-fat induced intrauterine inflammation and improves lipid profile in the hamster offspring. Journal of Nutritional Biochemistry, 2022, 101, 108925.	4.2	8
3	Dietary Fats and the Gut Microbiota: Their impacts on lipid-induced metabolic syndrome. Journal of Functional Foods, 2022, 91, 105026.	3.4	12
4	Cytoplasmic fatty acid-binding proteins in metabolic diseases and cancers. Advances in Protein Chemistry and Structural Biology, 2022, , 143-174.	2.3	3
5	Prenatal exposure to bisphenol S and bisphenol A differentially affects male reproductive system in the adult offspring. Food and Chemical Toxicology, 2022, 167, 113292.	3.6	10
6	Maternal Supply of Both Arachidonic and Docosahexaenoic Acids Is Required for Optimal Neurodevelopment. Nutrients, 2021, 13, 2061.	4.1	36
7	Fatty acids and evolving roles of their proteins in neurological, cardiovascular disorders and cancers. Progress in Lipid Research, 2021, 83, 101116.	11.6	42
8	Maternal n-3 PUFA deficiency alters uterine artery remodeling and placental epigenome in the mice. Journal of Nutritional Biochemistry, 2021, 96, 108784.	4.2	16
9	Maternal Fatty Acid Metabolism in Pregnancy and Its Consequences in the Feto-Placental Development. Frontiers in Physiology, 2021, 12, 787848.	2.8	34
10	Maternal Docosahexaenoic Acid Status during Pregnancy and Its Impact on Infant Neurodevelopment. Nutrients, 2020, 12, 3615.	4.1	42
11	Is copper beneficial for COVID-19 patients?. Medical Hypotheses, 2020, 142, 109814.	1.5	155
12	Plastics derived endocrineâ€disrupting compounds and their effects on early development. Birth Defects Research, 2020, 112, 1308-1325.	1.5	82
13	Conjugated Linoleic Acid and Its Beneficial Effects in Obesity, Cardiovascular Disease, and Cancer. Nutrients, 2020, 12, 1913.	4.1	39
14	Curcumin stimulates angiogenesis through VEGF and expression of HLAâ€G in firstâ€trimester human placental trophoblasts. Cell Biology International, 2020, 44, 1237-1251.	3.0	24
15	Maternal dietary fatty acids and their roles in human placental development. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 155, 102080.	2.2	57
16	Fats in maternal and child health: Regional ISSFAL congress in India. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 156, 102092.	2.2	2
17	Maternal dietary deficiency of n-3 fatty acids affects metabolic and epigenetic phenotypes of the developing fetus. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 158, 102109.	2.2	25
18	Insulin-dependent, glucose transporter 1 mediated glucose uptake and tube formation in the human placental first trimester trophoblast cells. Molecular and Cellular Biochemistry, 2019, 451, 91-106.	3.1	8

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19	Docosahexaenoic acid, 22:6nâ€3: Its roles in the structure and function of the brain. International Journal of Developmental Neuroscience, 2019, 79, 21-31.	1.6	67
20	Cellular growth and tube formation of HTR8/SVneo trophoblast: effects of exogenously added fatty acid-binding protein-4 and its inhibitor. Molecular and Cellular Biochemistry, 2018, 437, 55-64.	3.1	18
21	Bisphenol-A impairs cellular function and alters DNA methylation of stress pathway genes in first trimester trophoblast cells. Reproductive Toxicology, 2018, 82, 72-79.	2.9	39
22	Fatty acid-binding protein3 expression in BeWo cells, a human placental choriocarcinoma cell line. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 120, 1-7.	2.2	6
23	Tube formation in the first trimester placental trophoblast cells: Differential effects of angiogenic growth factors and fatty acids. Cell Biology International, 2016, 40, 652-661.	3.0	21
24	Dietary Fatty Acids and Placentation. , 2016, , 39-50.		0
25	Sources of Key Nutrients for Successful Placentation. , 2016, , 151-159.		0
26	Glucose and Amino Acid and Their Roles in Placentation. , 2016, , 23-38.		0
27	B Vitamins and Their Role on Trophoblast Growth and Development. , 2016, , 51-68.		0
28	Maternal Lifestyle Factors and Placentation. , 2016, , 101-118.		0
29	Regulation of Placentation by Environmental Factors. , 2016, , 119-128.		0
30	Placental Epigenetics and Its Importance in Placental Development. , 2016, , 129-137.		1
31	Endocrine Factors and Their Effects on Placentation. , 2016, , 91-100.		1
32	Gene Regulation, microRNA, and Placentation. , 2016, , 139-149.		0
33	Fat-Soluble and Antioxidant Vitamins and Minerals: Their Roles in Placentation. , 2016, , 69-89.		0
34	Early Placentation Processes. , 2016, , 13-21.		0
35	Simultaneous Detection of Genetically Modified Organisms in a Mixture by Multiplex PCR-Chip Capillary Electrophoresis. Journal of AOAC INTERNATIONAL, 2015, 98, 1366-1374.	1.5	5
36	The interplay between glucose and fatty acids on tube formation and fatty acid uptake in the first trimester trophoblast cells, HTR8/SVneo. Molecular and Cellular Biochemistry, 2015, 401, 11-19.	3.1	26

#	Article	IF	Citations
37	Importance of Cholesterol and Cholesterol Transporters in the Placental Trophoblast during Pregnancy. , 2015, , 148-163.		0
38	Role of Cytokines in Healthy and Pathological Pregnancies. , 2015, , 330-341.		0
39	Detection and Identification of Transgenic Elements by Fluorescent-PCR-Based Capillary Gel Electrophoresis in Genetically Modified Cotton and Soybean. Journal of AOAC INTERNATIONAL, 2014, 97, 159-165.	1.5	19
40	Connective tissue growth factor induces tube formation and IL-8 production in first trimester human placental trophoblast cells. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2014, 181, 183-188.	1.1	18
41	Effects of fatty acids on angiogenic activity in the placental extravillious trophoblast cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 155-162.	2.2	56
42	Fatty acid-induced angiogenesis in first trimester placental trophoblast cells: Possible roles of cellular fatty acid-binding proteins. Life Sciences, 2013, 93, 755-762.	4.3	43
43	Docosahexaenoic Acid and Angiogenesis: A Review. , 2013, , 193-208.		0
44	cis-9,trans-11 conjugated linoleic acid stimulates expression of angiopoietin like-4 in the placental extravillous trophoblast cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 834-843.	2.4	28
45	Docosahexaenoic acid and angiogenesis: a role in early placentation. Clinical Lipidology, 2012, 7, 303-312.	0.4	4
46	Leptin induces tube formation in first-trimester extravillous trophoblast cells. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2012, 164, 24-29.	1.1	37
47	Docosahexaenoic acid stimulates tube formation in first trimester trophoblast cells, HTR8/SVneo. Placenta, 2011, 32, 626-632.	1.5	79
48	Impact of maternal dietary fatty acid composition on glucose and lipid metabolism in male rat offspring aged 105 d. British Journal of Nutrition, 2009, 102, 233-241.	2.3	32