

Asim K Duttaroy

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

3,256
citations

126907

33
h-index

168389

53
g-index

197
all docs

197
docs citations

197
times ranked

3088
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Implications and Clinical Potential of MicroRNAs in Irritable Bowel Syndrome: A Concise Review. <i>Digestive Diseases and Sciences</i> , 2023, 68, 38-53.	2.3	12
2	Maternal PUFAs, Placental Epigenetics, and Their Relevance to Fetal Growth and Brain Development. <i>Reproductive Sciences</i> , 2023, 30, 408-427.	2.5	14
3	Modulation of endothelium function by fatty acids. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 15-38.	3.1	48
4	Essentiality, relevance, and efficacy of adjuvant/combinational therapy in the management of thyroid dysfunctions. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112613.	5.6	7
5	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
6	A Comprehensive Cancer-Associated MicroRNA Expression Profiling and Proteomic Analysis of Human Umbilical Cord Mesenchymal Stem Cell-Derived Exosomes. <i>Tissue Engineering and Regenerative Medicine</i> , 2022, 19, 1013-1031.	3.7	16
7	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
8	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
9	Bioactive lipids in immune cells function and immune disorders. , 2021, , 47-61.		0
10	Bioactive lipids and their metabolism, function, and sources. , 2021, , 1-19.		0
11	Bioactive lipids on platelet function and plateletâ€“vessel-wall interactions. , 2021, , 103-113.		0
12	Bioactive lipids in metabolic syndromes and hemostatic factors and fibrinolysis. , 2021, , 63-78.		0
13	Gut microbiota and lipid metabolism and metabolic syndrome. , 2021, , 283-293.		0
14	Polyphenols and cancer. , 2021, , 239-251.		1
15	Bioactive lipids and their impacts on epigenetics. , 2021, , 21-30.		0
16	Polyphenols and their effects on metabolic syndromes and other CVD risk factors. , 2021, , 253-267.		0
17	Polyphenols in neuroprotection and brain disorders. , 2021, , 207-224.		0
18	Gut microbiota and obesity and the body weight regulation. , 2021, , 355-373.		0

#	ARTICLE	IF	CITATIONS
19	Health effects of terpenoids. , 2021, , 413-424.		1
20	Polyphenols and their antioxidant and nonantioxidant effects in health and disease. , 2021, , 191-206.		0
21	Volatile bioactive compounds: source and activity. , 2021, , 435-441.		0
22	Bioactive lipids and brain function: from their mechanistic roles to clinical trials. , 2021, , 79-101.		0
23	Bioactive peptides and proteins on hypertension and endothelium function. , 2021, , 391-404.		0
24	Polysaccharides and immune function. , 2021, , 155-167.		0
25	Bioactive lipids in cancers. , 2021, , 31-45.		0
26	Polysaccharides and their bioactivity and biomedical applications. , 2021, , 139-154.		0
27	Gut microbiota and hypertension, diabetes, and other cardiovascular risk factors. , 2021, , 375-390.		0
28	Polysaccharides on the gut microbiome and epigenome. , 2021, , 129-137.		1
29	Cardioprotective properties of water-soluble compounds of tomato. , 2021, , 443-450.		0
30	Clinical use of curcumin. , 2021, , 425-434.		0
31	Polysaccharides and cancer. , 2021, , 179-189.		0
32	Gut microbiota and their effects on atherosclerosis, platelet function, and hypertension. , 2021, , 295-309.		0
33	Platelet hyperactivity in COVID-19: Can the tomato extract Fruitflow [®] be used as an antiplatelet regime?. Medical Hypotheses, 2021, 147, 110480.	1.5	8
34	Maternal Supply of Both Arachidonic and Docosahexaenoic Acids Is Required for Optimal Neurodevelopment. Nutrients, 2021, 13, 2061.	4.1	36
35	Special Issue "Maternal DHA Impact on Child Neurodevelopment" Nutrients, 2021, 13, 2209.	4.1	1
36	Dietary Antiplatelets: A New Perspective on the Health Benefits of the Water-Soluble Tomato Concentrate Fruitflow [®] . Nutrients, 2021, 13, 2184.	4.1	11

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37	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
38	A review on interplay between small RNAs and oxidative stress in cancer progression. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4117-4131.	3.1	3
39	Current understanding of the mesenchymal stem cell-derived exosomes in cancer and aging. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 31, e00658.	4.4	32
40	Can interruption of innate immune recognition-mediated emergency myelopoiesis impede tumor progression?. <i>Medical Hypotheses</i> , 2021, 155, 110663.	1.5	2
41	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
42	Role of Gut Microbiota and Their Metabolites on Atherosclerosis, Hypertension and Human Blood Platelet Function: A Review. <i>Nutrients</i> , 2021, 13, 144.	4.1	105
43	Polysaccharide on diabetes, obesity, and other cardiovascular disease risk factors. , 2021, , 115-128.		0
44	Gut microbiota on human health and disease. , 2021, , 269-281.		1
45	Gut microbiota and the immune system and inflammation. , 2021, , 311-333.		0
46	Gut microbiota and brain function and pathophysiology. , 2021, , 335-354.		0
47	Polysaccharides on metabolic syndromes and dyslipidemia. , 2021, , 169-178.		0
48	Polyphenols and their impacts on the host epigenome and the gut microbiome. , 2021, , 225-237.		1
49	Bioactive alkaloids. , 2021, , 405-412.		0
50	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
51	Clinical Features, Diagnostic Evaluation, and Management of COVID-19 Patients. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1353, 1-22.	1.6	0
52	Origin and Structural Biology of Novel Coronavirus (SARS-CoV-2). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 1-13.	1.6	3
53	Epidemiology, Transmission, and Molecular Immunopathology of SARS-CoV-2. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 33-44.	1.6	0
54	Evaluation of the equivalence of different intakes of Fruitflow in affecting platelet aggregation and thrombin generation capacity in a randomized, double-blinded pilot study in male subjects. <i>BMC Nutrition</i> , 2021, 7, 80.	1.6	5

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55	Maternal Docosahexaenoic Acid Status during Pregnancy and Its Impact on Infant Neurodevelopment. <i>Nutrients</i> , 2020, 12, 3615.	4.1	42
56	Is copper beneficial for COVID-19 patients?. <i>Medical Hypotheses</i> , 2020, 142, 109814.	1.5	155
57	Plastics derived endocrine-disrupting compounds and their effects on early development. <i>Birth Defects Research</i> , 2020, 112, 1308-1325.	1.5	82
58	Conjugated Linoleic Acid and Its Beneficial Effects in Obesity, Cardiovascular Disease, and Cancer. <i>Nutrients</i> , 2020, 12, 1913.	4.1	39
59	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
60	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
61	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
62	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
63	Regulation of functional foods in European Union. , 2019, , 267-276.		6
64	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
65	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
66	Consumption of Fruitflow [®] lowers blood pressure in pre-hypertensive males: a randomised, placebo controlled, double blind, cross-over study. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 494-502.	2.8	22
67	Food & Nutrition Research with new aims and scope. <i>Food and Nutrition Research</i> , 2018, 62, .	2.6	0
68	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
69	Fruitflow [®] : the first European Food Safety Authority-approved natural cardio-protective functional ingredient. <i>European Journal of Nutrition</i> , 2017, 56, 461-482.	3.9	69
70	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
71	A randomised controlled trial comparing a dietary antiplatelet, the water-soluble tomato extract Fruitflow, with 75%mg aspirin in healthy subjects. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 723-730.	2.9	31
72	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

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73	Docosahexaenoic acid supports fetal-placental growth and protects cardiovascular and cognitive function: A mini review. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 1439-1449.	1.5	12
74	Dietary Fatty Acids and Placentation. , 2016, , 39-50.		0
75	Sources of Key Nutrients for Successful Placentation. , 2016, , 151-159.		0
76	Glucose and Amino Acid and Their Roles in Placentation. , 2016, , 23-38.		0
77	B Vitamins and Their Role on Trophoblast Growth and Development. , 2016, , 51-68.		0
78	Regulation of Placentation by Environmental Factors. , 2016, , 119-128.		0
79	Placental Epigenetics and Its Importance in Placental Development. , 2016, , 129-137.		1
80	Endocrine Factors and Their Effects on Placentation. , 2016, , 91-100.		1
81	Gene Regulation, microRNA, and Placentation. , 2016, , 139-149.		0
82	Fat-Soluble and Antioxidant Vitamins and Minerals: Their Roles in Placentation. , 2016, , 69-89.		0
83	Editorial: A brief Food & Nutrition Research status update. <i>Food and Nutrition Research</i> , 2016, 60, 33092.	2.6	0
84	Early Placentation Processes. , 2016, , 13-21.		0
85	New changes in the journal. <i>Food and Nutrition Research</i> , 2016, 60, 34018.	2.6	0
86	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
87	Inhibitory effects of kiwifruit extract on human platelet aggregation and plasma angiotensin-converting enzyme activity. <i>Platelets</i> , 2014, 25, 567-575.	2.3	27
88	Inhibition of angiotensin-converting enzyme by aqueous extract of tomato. <i>European Journal of Nutrition</i> , 2014, 53, 1699-1706.	3.9	24
89	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
90	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

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91	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
92	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
93	Cardioprotective Properties of Kiwifruit. <i>Advances in Food and Nutrition Research</i> , 2013, 68, 273-282.	3.0	13
94	Docosahexaenoic acid and angiogenesis: a role in early placentation. <i>Clinical Lipidology</i> , 2012, 7, 303-312.	0.4	4
95	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
96	Consumption of tomatoes reduces the cardiovascular disease. <i>Journal of the Bangladesh Association of Young Researchers</i> , 2012, 1, 1-14.	0.0	2
97	Docosahexaenoic acid stimulates tube formation in first trimester trophoblast cells, HTR8/SVneo. <i>Placenta</i> , 2011, 32, 626-632.	1.5	79
98	Supplementation of a western diet with golden kiwifruits (<i>Actinidia chinensis</i> var.'Hort 16A:') effects on biomarkers of oxidation damage and antioxidant protection. <i>Nutrition Journal</i> , 2011, 10, 54.	3.4	61
99	Compliance, tolerability and safety of two antioxidant-rich diets: a randomised controlled trial in male smokers. <i>British Journal of Nutrition</i> , 2011, 106, 557-571.	2.3	13
100	Blood cell gene expression associated with cellular stress defense is modulated by antioxidant-rich food in a randomised controlled clinical trial of male smokers. <i>BMC Medicine</i> , 2010, 8, 54.	5.5	72
101	The immunoregulatory role of vitamins A, D and E in patients with primary Sjogren's syndrome. <i>Rheumatology</i> , 2010, 49, 211-217.	1.9	40
102	Activation of LXR increases acyl-CoA synthetase activity through direct regulation of ACSL3 in human placental trophoblast cells. <i>Journal of Lipid Research</i> , 2010, 51, 1886-1896.	4.2	45
103	Long-chain Polyunsaturated Fatty Acids Stimulate Cellular Fatty Acid Uptake in Human Placental Choriocarcinoma (BeWo) Cells. <i>Placenta</i> , 2009, 30, 1037-1044.	1.5	35
104	Fatty acid uptake by breast cancer cells (MDA-MB-231): Effects of insulin, leptin, adiponectin, and TNF α . <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009, 80, 93-99.	2.2	11
105	Transport of fatty acids across the human placenta: A review. <i>Progress in Lipid Research</i> , 2009, 48, 52-61.	11.6	261
106	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2008, 19, 330-332.	2.7	1
107	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2007, 18, 384-386.	2.7	0
108	Effects of tomato extract on platelet function: a double-blinded crossover study in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 561-569.	4.7	95

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109	Effects of antiplatelet components of tomato extract on platelet function in vitro and ex vivo: a time-course cannulation study in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 570-579.	4.7	96
110	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2006, 17, 492-494.	2.7	0
111	Fatty acid-activated nuclear transcription factors and their roles in human placenta. <i>European Journal of Lipid Science and Technology</i> , 2006, 108, 70-83.	1.5	9
112	Regulation of ADRP expression by long-chain polyunsaturated fatty acids in BeWo cells, a human placental choriocarcinoma cell line. <i>Journal of Lipid Research</i> , 2006, 47, 815-823.	4.2	47
113	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2005, 16, 497-499.	2.7	0
114	Liver X receptors mediate inhibition of hCG secretion in a human placental trophoblast cell line. <i>Placenta</i> , 2005, 26, 721-728.	1.5	34
115	Inhibitory effect of aqueous extracts of some herbs on human platelet aggregation in vitro. <i>Platelets</i> , 2005, 16, 469-473.	2.3	52
116	Postprandial activation of hemostatic factors: Role of dietary fatty acids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 72, 381-391.	2.2	27
117	Insulin and leptin do not affect fatty acid uptake and metabolism in human placental choriocarcinoma (BeWo) cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 72, 403-408.	2.2	15
118	Third Throne Holst foundation symposium. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2005, 73, 1.	2.2	0
119	Effects of kiwi fruit consumption on platelet aggregation and plasma lipids in healthy human volunteers. <i>Platelets</i> , 2004, 15, 287-292.	2.3	110
120	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2004, 15, 377-379.	2.7	0
121	Fetal growth and development: roles of fatty acid transport proteins and nuclear transcription factors in human placenta. <i>Indian Journal of Experimental Biology</i> , 2004, 42, 747-57.	0.0	13
122	Acyl-CoA thioesterase activity in human placental choriocarcinoma (BeWo), cells: effects of fatty acids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2003, 68, 43-48.	2.2	15
123	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2003, 14, 397-399.	2.7	1
124	Therapy and clinical trials. <i>Current Opinion in Lipidology</i> , 2002, 13, 585-587.	2.7	1
125	Arachidonic acid stimulates internalisation of leptin by human placental choriocarcinoma (BeWo) cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 432-437.	2.1	5
126	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2002, 239, 203-211.	3.1	10

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127	Effects of tomato extract on human platelet aggregation in vitro. <i>Platelets</i> , 2001, 12, 218-227.	2.3	105
128	Detection and cellular localization of plasma membrane-associated and cytoplasmic fatty acid-binding proteins in human placenta. <i>Placenta</i> , 1998, 19, 409-415.	1.5	124
129	Placental membrane fatty acid-binding protein preferentially binds arachidonic and docosahexaenoic acids. <i>Life Sciences</i> , 1998, 63, 235-240.	4.3	82
130	Preferential uptake of long chain polyunsaturated fatty acids by isolated human placental membranes. <i>Molecular and Cellular Biochemistry</i> , 1996, 155, 77-83.	3.1	106
131	Plasma Membrane Fatty-Acid-Binding Protein in Human Placenta: Identification and Characterization. <i>Biochemical and Biophysical Research Communications</i> , 1995, 209, 1011-1017.	2.1	67
132	Plasma membrane fatty acid-binding protein (FABPpm) is exclusively located in the maternal facing membranes of the human placenta. <i>FEBS Letters</i> , 1995, 375, 227-230.	2.8	58
133	Vitamin E requirements, transport, and metabolism: Role of α -tocopherol-binding proteins. <i>Journal of Nutritional Biochemistry</i> , 1994, 5, 562-570.	4.2	73
134	Structure, Function, and Phylogeny of Acyl-CoA Binding Protein. , 0, , 151-171.		3
135	Structure and Function of Retinoid Receptors RAR and RXR. , 0, , 191-207.		0
136	Fatty Acid Binding Proteins of the Brain. , 0, , 253-265.		7
137	Intracellular Lipid Binding Proteins: Evolution, Structure, and Ligand Binding. , 0, , 95-118.		9
138	Function, Expression, and Regulation of Human ABC Transporters. , 0, , 39-78.		0
139	Cross-Talk between Intracellular Lipid Binding Proteins and Ligand Activated Nuclear Receptorsâ€™ A Signaling Pathway for Fatty Acids. , 0, , 267-283.		1
140	Albumin Receptorsâ€™ Structure and Function. , 0, , 79-94.		3
141	Structure-Function of CD36 and Evidence for its Role in Facilitating Membrane Fatty Acid Transport. , 0, , 1-29.		4
142	Fatty Acid Binding Proteins and Fatty Acid Transport. , 0, , 119-133.		1
143	PPARs: Nuclear Hormone Receptors Involved in the Control of Inflammation. , 0, , 419-435.		1
144	Structure and Function of SCP-x/SCP-2. , 0, , 135-149.		0

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145	Role of FABP in Cellular Phospholipid Metabolism. , 0 , 327-342.		1
146	Intestinal Fat Absorption: Roles of Intracellular Lipid-Binding Proteins and Peroxisome Proliferator-Activated Receptors. , 0 , 359-381.		2
147	PPARs, Cell Differentiation, and Glucose Homeostasis. , 0 , 309-326.		0
148	Fatty Acid Binding Proteins and Their Roles in Transport of Long-Chain Polyunsaturated Fatty Acids across the Feto-Placental Unit. , 0 , 239-252.		0
149	Membrane-Associated Fatty Acid Binding Proteins Regulate Fatty Acid Uptake by Cardiac and Skeletal Muscle. , 0 , 343-358.		0
150	Role of Lipid Binding Proteins in Disease. , 0 , 397-400.		0
151	PPARs in Atherosclerosis. , 0 , 401-417.		0
152	Fatty Acid Binding Proteins as Metabolic Regulators. , 0 , 383-395.		0
153	Structure and Function of PPARs and Their Molecular Recognition of Fatty Acids. , 0 , 173-189.		0
154	Liver X Receptors (LXRs)â€™ Important Regulators of Lipid Homeostasis. , 0 , 209-223.		0
155	Role and Function of FATPs in Fatty Acid Uptake. , 0 , 31-38.		0
156	PPARs and Cancer. , 0 , 437-448.		1
157	Acyl-CoA Ligands of HNF-4Î± and HNF-4Î±/PPARÎ± Interplay. , 0 , 225-238.		0
158	Arachidonic Acid Binding Proteins in Human Neutrophils. , 0 , 285-307.		0