

Anthony M Carter

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6395534/anthony-m-carter-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

125
papers

3,451
citations

32
h-index

55
g-index

246
ext. papers

3,850
ext. citations

3.3
avg, IF

6.04
L-index

#	Paper	IF	Citations
125	Animal models of human placentation--a review. <i>Placenta</i> , 2007 , 28 Suppl A, S41-7	3.4	387
124	Comparative aspects of trophoblast development and placentation. <i>Reproductive Biology and Endocrinology</i> , 2004 , 2, 46	5	154
123	Spatial and temporal patterns of expression of messenger RNA for insulin-like growth factors and their binding proteins in the placenta of man and laboratory animals. <i>Placenta</i> , 2000 , 21, 289-305	3.4	147
122	Evolution of placental function in mammals: the molecular basis of gas and nutrient transfer, hormone secretion, and immune responses. <i>Physiological Reviews</i> , 2012 , 92, 1543-76	47.9	138
121	Evolutionary transformations of fetal membrane characters in Eutheria with special reference to Afrotheria. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006 , 306, 140-63	1.8	123
120	Placental oxygen consumption. Part I: in vivo studies--a review. <i>Placenta</i> , 2000 , 21 Suppl A, S31-7	3.4	121
119	Human placentation from nidation to 5 weeks of gestation. Part I: What do we know about formative placental development following implantation?. <i>Placenta</i> , 2012 , 33, 327-34	3.4	119
118	What can comparative studies of placental structure tell us?--A review. <i>Placenta</i> , 2004 , 25 Suppl A, S3-9	3.4	102
117	Comparative placentation: some interesting modifications for histotrophic nutrition -- a review. <i>Placenta</i> , 2006 , 27 Suppl A, S11-6	3.4	85
116	The role of invasive trophoblast in implantation and placentation of primates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20140070	5.8	80
115	Evolution of the placenta in eutherian mammals. <i>Placenta</i> , 2007 , 28, 259-62	3.4	69
114	Evolution of the placenta during the early radiation of placental mammals. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 148, 769-79	2.6	67
113	Evolution of the placenta and fetal membranes seen in the light of molecular phylogenetics. <i>Placenta</i> , 2001 , 22, 800-7	3.4	67
112	Placentation in cloned cattle: structure and microvascular architecture. <i>Theriogenology</i> , 2007 , 68, 604-172.8		65
111	Evolution of invasive placentation with special reference to non-human primates. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2011 , 25, 249-57	4.6	64
110	The evolution of epitheliochorial placentation. <i>Annual Review of Animal Biosciences</i> , 2013 , 1, 443-67	13.7	48
109	Evolution of factors affecting placental oxygen transfer. <i>Placenta</i> , 2009 , 30 Suppl A, S19-25	3.4	43

108	Deep trophoblast invasion and spiral artery remodelling in the placental bed of the chimpanzee. <i>Placenta</i> , 2011 , 32, 400-8	3.4	42
107	Comparative studies of placentation and immunology in non-human primates suggest a scenario for the evolution of deep trophoblast invasion and an explanation for human pregnancy disorders. <i>Reproduction</i> , 2011 , 141, 391-6	3.8	42
106	Vascular organization of the hystricomorph placenta: a comparative study in the agouti, capybara, guinea pig, paca and rock cavy. <i>Placenta</i> , 2004 , 25, 438-48	3.4	40
105	Control of growth and development of the feto-placental unit. <i>Current Opinion in Pharmacology</i> , 2001 , 1, 632-40	5.1	40
104	When is the maternal placental circulation established in man? 1941. <i>Placenta</i> , 1997 , 18, 83-7	3.4	38
103	Placentation in the capybara (<i>Hydrochaerus hydrochaeris</i>), Agouti (<i>Dasyprocta aguti</i>) and paca (Agouti paca). <i>Placenta</i> , 2002 , 23, 416-28	3.4	38
102	Glycosylation at the fetomaternal interface in hemomonochorial placentae from five widely separated species of mammal: is there evidence for convergent evolution?. <i>Cells Tissues Organs</i> , 2007 , 185, 269-84	2.1	36
101	Placentation in mammals: Definitive placenta, yolk sac, and paraplacenta. <i>Theriogenology</i> , 2016 , 86, 278-83	3.7	36
100	Review: The evolving placenta: different developmental paths to a hemochorial relationship. <i>Placenta</i> , 2012 , 33 Suppl, S92-8	3.4	34
99	Structure of the definitive placenta of the tenrec, <i>Echinops telfairi</i> . <i>Placenta</i> , 2004 , 25, 218-32	3.4	34
98	Placentation in the rock cavy, <i>Kerodon rupestris</i> (Wied). <i>Placenta</i> , 2006 , 27, 87-97	3.4	33
97	Placental Gas Exchange and the Oxygen Supply to the Fetus. <i>Comprehensive Physiology</i> , 2015 , 5, 1381-403	3.7	32
96	Altered expression of IGFs and IGF-binding proteins during intrauterine growth restriction in guinea pigs. <i>Journal of Endocrinology</i> , 2005 , 184, 179-89	4.7	32
95	Catecholamine and serotonin concentrations in fetal guinea-pig brain: relation to regional cerebral blood flow and oxygen delivery in the growth-restricted fetus. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 355-64	1.8	32
94	Immunohistochemical identification of epithelial and mesenchymal cell types in the chorioallantoic and yolk sac placentae of the guinea-pig. <i>Placenta</i> , 1998 , 19, 489-500	3.4	30
93	The evolving placenta: convergent evolution of variations in the endotheliochorial relationship. <i>Placenta</i> , 2012 , 33, 319-26	3.4	29
92	Deep trophoblast invasion and spiral artery remodelling in the placental bed of the lowland gorilla. <i>Placenta</i> , 2011 , 32, 586-91	3.4	27
91	Placentation in the paca (Agouti paca L). <i>Reproductive Biology and Endocrinology</i> , 2005 , 3, 9	5	26

90	The subplacenta of the red-rumped agouti (<i>Dasyprocta leporina</i> L). <i>Reproductive Biology and Endocrinology</i> , 2006 , 4, 31	5	26
89	The fetal membranes of the otter shrews and a synapomorphy for afrotheria. <i>Placenta</i> , 2006 , 27, 258-68	3.4	25
88	Growth and development of the placenta in the capybara (<i>Hydrochaeris hydrochaeris</i>). <i>Reproductive Biology and Endocrinology</i> , 2009 , 7, 57	5	24
87	The expression of insulin-like growth factor and insulin-like growth factor binding protein mRNAs in mouse placenta. <i>Placenta</i> , 2006 , 27, 278-90	3.4	24
86	Current topic: restriction of placental and fetal growth in the guinea-pig. <i>Placenta</i> , 1993 , 14, 125-35	3.4	23
85	IFPA Senior Award Lecture: Mammalian fetal membranes. <i>Placenta</i> , 2016 , 48 Suppl 1, S21-S30	3.4	22
84	Ontogeny of expression of insulin-like growth factor (IGF) and IGF binding protein mRNAs in the guinea-pig placenta and uterus. <i>Placenta</i> , 1999 , 20, 361-77	3.4	22
83	A technique for monitoring endometrial or decidual blood flow with an intra-uterine thermistor probe. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 1975 , 54, 469-77	3.8	22
82	Human placentation from nidation to 5 weeks of gestation. Part II: Tools to model the crucial first days. <i>Placenta</i> , 2012 , 33, 335-42	3.4	21
81	Effect of fetal growth restriction on system A amino acid transporter activity in the maternal facing plasma membrane of rat syncytiotrophoblast. <i>Pediatric Research</i> , 1996 , 40, 325-9	3.2	21
80	Placentation in Sigmodontinae: a rodent taxon native to South America. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 55	5	20
79	Development of the haemophagous region and labyrinth of the placenta of the tenrec, <i>Echinops telfairi</i> . <i>Placenta</i> , 2005 , 26, 251-61	3.4	20
78	Influence of injectable anaesthetic combinations on blood gas tensions and acid-base status in laboratory rats. <i>Acta Pharmacologica Et Toxicologica</i> , 1985 , 57, 1-7		19
77	Placentation in species of phylogenetic importance: the Afrotheria. <i>Animal Reproduction Science</i> , 2004 , 82-83, 35-48	2.1	19
76	Evolution of the placenta and associated reproductive characters in bats. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008 , 310, 428-49	1.8	18
75	Placentation in mammals once grouped as insectivores. <i>International Journal of Developmental Biology</i> , 2010 , 54, 483-93	1.9	15
74	Sources for comparative studies of placentation I. embryological collections. <i>Placenta</i> , 2008 , 29, 95-8	3.4	15
73	Placentation in the Amazonian manatee (<i>Trichechus inunguis</i>). <i>Reproduction, Fertility and Development</i> , 2008 , 20, 537-45	1.8	15

72	Animal models of human pregnancy and placentation: alternatives to the mouse. <i>Reproduction</i> , 2020 , 160, R129-R143	3.8	15
71	Placental oxygen transfer and the oxygen supply to the fetus. <i>Fetal and Maternal Medicine Review</i> , 1999 , 11, 151-161		13
70	Local transfer of hormones between blood vessels within the adrenal gland may explain the functional interaction between the adrenal cortex and medulla. <i>Medical Hypotheses</i> , 1995 , 44, 471-4	3.8	13
69	Evolution of the interhaemal barrier in the placenta of rodents. <i>Placenta</i> , 2009 , 30, 914-8	3.4	12
68	Placentation in dolphins from the Amazon River Basin: the Boto, <i>Inia geoffrensis</i> , and the Tucuxi, <i>Sotalia fluviatilis</i> . <i>Reproductive Biology and Endocrinology</i> , 2007 , 5, 26	5	12
67	Placental diversity in malagasy tenrecs: placentation in shrew tenrecs (<i>Microgale</i> spp.), the mole-like rice tenrec (<i>Oryzorictes hova</i>) and the web-footed tenrec (<i>Limnogale mergulus</i>). <i>Placenta</i> , 2007 , 28, 748-59	3.4	12
66	J. P. Hill on placentation in primates. <i>Placenta</i> , 1999 , 20, 513-7	3.4	12
65	Hans Strahl's pioneering studies in comparative placentation. <i>Placenta</i> , 2010 , 31, 848-52	3.4	11
64	Placentation in an American mole, <i>Scalopus aquaticus</i> . <i>Placenta</i> , 2005 , 26, 597-600	3.4	11
63	Myoendothelial and placental blood flow responses to ritodrine infusion in the guinea pig. <i>American Journal of Obstetrics and Gynecology</i> , 1979 , 135, 318-21	6.4	11
62	Adrenocorticotrophic hormone (ACTH) stimulation of sheep fetal adrenal cortex can occur without increased expression of ACTH receptor (ACTH-R) mRNA. <i>Reproduction, Fertility and Development</i> , 2002 , 14, 1-6	1.8	11
61	Conservation of placentation during the tertiary radiation of mammals in South America. <i>Journal of Morphology</i> , 2013 , 274, 557-69	1.6	9
60	What fossils can tell us about the evolution of viviparity and placentation. <i>Placenta</i> , 2008 , 29, 930-1	3.4	9
59	Recent advances in understanding evolution of the placenta: insights from transcriptomics. <i>F1000Research</i> , 2018 , 7, 89	3.6	9
58	Emil Selenka on the embryonic membranes of the mouse and placentation in gibbons and orangutans. <i>Placenta</i> , 2016 , 37, 65-71	3.4	8
57	Placentation in the Hottentot golden mole, <i>Amblysomus hottentotus</i> (Afrosoricida: Chrysochloridae). <i>Placenta</i> , 2009 , 30, 571-8	3.4	8
56	Placenta and fetal membranes of the four-toed elephant shrew, <i>Petrodromus tetradactylus</i> . <i>Placenta</i> , 2004 , 25, 803-9	3.4	8
55	Relaxin is a vasodilator hormone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 283, R347-8	3.2	8

54	Vascular reactivity of the preplacental vasculature in Guinea pigs. <i>Placenta</i> , 2003 , 24, 686-97	3.4	8
53	Hepatic histology in intrauterine growth retardation following uterine artery ligation in the guinea pig. <i>Pediatric Pathology</i> , 1993 , 13, 763-72		8
52	The role of mammalian foetal membranes in early embryogenesis: Lessons from marsupials. <i>Journal of Morphology</i> , 2021 , 282, 940-952	1.6	8
51	An unusual feature of yolk sac placentation in <i>Necromys lasiurus</i> (Rodentia, Cricetidae, Sigmodontinae). <i>Placenta</i> , 2012 , 33, 578-80	3.4	7
50	Female reproductive tract and placentation in sucker-footed bats (Chiroptera: Myzopodidae) endemic to Madagascar. <i>Placenta</i> , 2008 , 29, 484-91	3.4	7
49	Toxicity of Roentgen Contrast Media at Selective injection into the coronary artery in the rabbit. <i>Investigative Radiology</i> , 1975 , 10, 73-8	10.1	7
48	The metabolism of free fatty acids and triacylglycerols by the fetal liver in a guinea pig model of intrauterine growth retardation. <i>Pediatric Research</i> , 1992 , 32, 441-6	3.2	6
47	Effects of VIP in the female genital tract. <i>Endocrinologia Japonica</i> , 1980 , 27 Suppl 1, 71-8		6
46	Effect of terbutaline sulphate on ovarian, uterine and maternal placental blood flow in the anesthetized guinea pig. <i>European Journal of Pharmacology</i> , 1978 , 53, 57-62	5.3	6
45	Placentation in the Egyptian slit-faced bat <i>Nycteris thebaica</i> (Chiroptera: Nycteridae). <i>Placenta</i> , 2009 , 30, 792-9	3.4	5
44	Effects of vasopressin on uterine blood flow in the rabbit. <i>Acta Pharmacologica Et Toxicologica</i> , 1966 , 24, 435-42		5
43	Vasoactive intestinal polypeptide and endometrial blood flow in the goat. <i>Animal Reproduction Science</i> , 1983 , 6, 217-222	2.1	5
42	Calibration of a reflectance pulse oximeter in fetal lambs for arterial oxygen saturations below 70%. <i>Journal of the Society for Gynecologic Investigation</i> , 1998 , 5, 255-9		5
41	Classics revisited: Miguel Fernandez on germ layer inversion and specific polyembryony in armadillos. <i>Placenta</i> , 2018 , 61, 55-60	3.4	4
40	Placentation in the colugos <i>Cynocephalus volans</i> and <i>Galeopterus variegatus</i> (Dermoptera) and the transition from labyrinthine to villous placentation in primates. <i>Placenta</i> , 2017 , 55, 47-53	3.4	4
39	Comparative anatomy and placental evolution 109-126		4
38	Structure of the ovaries of the Nimba otter shrew, <i>Micropotamogale lamottei</i> , and the Madagascar hedgehog tenrec, <i>Echinops telfairi</i> . <i>Cells Tissues Organs</i> , 2005 , 179, 179-91	2.1	4
37	Adrenomedullin expression during hypoxia in fetal sheep. <i>Acta Physiologica Scandinavica</i> , 2005 , 183, 219-28		4

36	The rate of blood flow through the inverted yolk sac placenta of the anesthetized guinea-pig. <i>Placenta</i> , 1993 , 14, 41-9	3.4	4
35	Effect of 1-deamino-6-carba- (8-arginine)- vasopressin on organ blood flow in the female guinea pig. <i>European Journal of Pharmacology</i> , 1977 , 46, 25-30	5.3	4
34	The evolution of fetal membranes and placentation in carnivores and ungulates (Ferungulata). <i>Animal Reproduction</i> , 2017 , 14, 124-135	1.7	4
33	Unique Aspects of Human Placentation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
32	Viviparity in the longest-living vertebrate, the Greenland shark (<i>Somniosus microcephalus</i>). <i>Placenta</i> , 2020 , 97, 26-28	3.4	3
31	Mammalian Placentation: Implications for Animal Models 2014 , 2423-2442		3
30	The effect of vasopressin on myometrial blood flow in the pregnant rabbit. <i>Acta Pharmacologica Et Toxicologica</i> , 1968 , 26, 29-34		3
29	Vasodilator response to exogenous adrenocorticotrophic hormone in fetal adrenal cortex precedes increased steroidogenesis in sheep at 105-112 days gestation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1998 , 81, 87-94	2.4	3
28	Maintaining the integrity of trophoblast during growth of the placenta. Focus on "Insulin-like growth factor I and II regulate the life cycle of trophoblast in the developing human placenta". <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C1303-4	5.4	3
27	Continuous measurement of blood gas tensions in the fetal guinea pig by mass spectrometry. <i>Journal of Perinatal Medicine</i> , 1982 , 10, 226-32	2.7	3
26	Pelvic angiography in the female rabbit. <i>Investigative Radiology</i> , 1969 , 4, 45-9	10.1	3
25	Selective catheterization of the coronary arteries in the rabbit. <i>Investigative Radiology</i> , 1973 , 8, 350-3	10.1	3
24	Classics revisited: C. J. van der Horst on pregnancy and menstruation in elephant shrews. <i>Placenta</i> , 2018 , 67, 24-30	3.4	3
23	The role of the placenta in the initiation of spiral artery remodelling in an early pregnant chimpanzee uterus. <i>Placenta</i> , 2017 , 53, 83-91	3.4	2
22	A new form of rodent placentation in the relict species, <i>Laonastes aenigmamus</i> (Rodentia: Diatomyidae). <i>Placenta</i> , 2013 , 34, 548-58	3.4	2
21	Effect of arginine vasopressin on regional adrenal blood flow and plasma cortisol concentration in fetal sheep. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1995 , 62, 235-9	2.4	2
20	IFPA meeting 2018 workshop report I: Reproduction and placentation among ocean-living species; placental imaging; epigenetics and extracellular vesicles in pregnancy. <i>Placenta</i> , 2019 , 84, 4-8	3.4	2
19	Comparative Placentation 2018 , 129-136		2

18	Classics revisited: Dietrich Starck on comparative embryology and placentation. <i>Placenta</i> , 2017 , 58, 82-85.	3.4	1
17	Hans Bluntschli in Berne: Researching reproduction in hedgehog tenrecs (Afrosoricida, Tenrecidae). <i>Journal of Morphology</i> , 2019 , 280, 841-848	1.6	1
16	Morphology, histochemistry and glycosylation of the placenta and associated tissues in the European hedgehog (<i>Erinaceus europaeus</i>). <i>Placenta</i> , 2016 , 48, 1-12	3.4	1
15	Thomas George Lee - Implantation and early development of North American rodents. <i>Placenta</i> , 2011 , 32, 8-10	3.4	1
14	Actions of a new vasopressin analogue (1-deamino-6-carba-[8-arginine]-vasopressin) on regional blood flow in pregnant guinea pigs. <i>Acta Pharmacologica Et Toxicologica</i> , 1978 , 43, 190-5		1
13	Few autacoids have a proven role in the physiological regulation of fetal placental blood flow: A review. <i>Placenta</i> , 1998 , 19, 279-297	3.4	1
12	Regulation of maternal placental blood flow: A review. <i>Placenta</i> , 1999 , 20, 271-291	3.4	1
11	Trophoblast invasion and uterine artery remodelling in primates 92-101		1
10	Classics revisited: Anna Reinstein-Mogilowa's observations on uterine glands and the cytotrophoblastic shell in the first trimester of human pregnancy. <i>Placenta</i> , 2020 , 89, 88-90	3.4	1
9	Early studies of placental ultrastructure by electron microscopy. <i>Placenta</i> , 2016 , 41, 10-3	3.4	1
8	T. Thomson Flynn and the monotreme egg from oocyte maturation to germ layer formation. <i>Journal of Morphology</i> , 2021 , 282, 1015-1023	1.6	1
7	Some aspects of vasopressin's effect on uteroplacental circulation in the rabbit. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1969 , 48, 132-3	3.8	0
6	Response to the letter to the Editor: Anna Reinstein-Mogilowa's observations on uterine glands and the cytotrophoblastic shell in the first trimester of human pregnancy. <i>Placenta</i> , 2020 , 90, 139	3.4	
5	Cell Populations in the Bone Marrow of Guinea Pig Fetuses with Intrauterine Growth Retardation. <i>Pediatric Pathology & Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1997 , 17, 561-568		
4	Regional brain blood flow and oxygen supply in guinea pig fetuses near term. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1991 , 42, 71-6	2.4	
3	Evolution of placentation in cattle and antelopes. <i>Animal Reproduction</i> , 2020 , 16, 3-17	1.7	
2	Reconciling allometry with physiology: Response to comment on "Viviparity in the longest living vertebrate, the Greenland shark (<i>Somniosus microcephalus</i>)". <i>Placenta</i> , 2021 , 103, 244-245	3.4	
1	CELL POPULATIONS IN THE BONE MARROW OF GUINEA PIG FETUSES WITH INTRAUTERINE GROWTH RETARDATION. <i>Pediatric Pathology & Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1997 , 17, 561-568		

