John Colombo

List of Publications by Citations

132 papers	6,119 citations	39 h-index	75 g-index
139 ext. papers	6,858 ext. citations	4 avg, IF	5.9 L-index

#	Paper	IF	Citations
132	Habituation revisited: an updated and revised description of the behavioral characteristics of habituation. *Neurobiology of Learning and Memory*, **2009**, 92, 135-8	3.1	864
131	The development of visual attention in infancy. *Annual Review of Psychology*, **2001**, 52, 337-67	26.1	419
130	Towards establishing dietary reference intakes for eicosapentaenoic and docosahexaenoic acids. *Journal of Nutrition*, **2009**, 139, 804S-19S	4.1	247
129	Maternal DHA and the development of attention in infancy and toddlerhood. *Child Development*, **2004**, 75, 1254-67	4.9	218
128	DHA supplementation and pregnancy outcomes. *American Journal of Clinical Nutrition*, **2013**, 97, 808-15	7	211
127	Individual Differences in Infant Visual Attention: Are Short Lookers Faster Processors or Feature Processors?. *Child Development*, **1991**, 62, 1247	4.9	184
126	Infant visual habituation. *Neurobiology of Learning and Memory*, **2009**, 92, 225-34	3.1	149
125	The emergence and basis of endogenous attention in infancy and early childhood. *Advances in Child Development and Behavior*, **2006**, 34, 283-322	2.9	129
124	Infant Cognition: Predicting Later Intellectual Functioning **1993**,		128
123	Long-term effects of LCPUFA supplementation on childhood cognitive outcomes. *American Journal of Clinical Nutrition*, **2013**, 98, 403-12	7	120
122	The Developmental Course of Habituation in Infancy and Preschool Outcome. *Infancy*, **2004**, 5, 1-38	2.4	114
121	Individual and developmental differences in disengagement of fixation in early infancy. *Child Development*, **1999**, 70, 537-48	4.9	112
120	N-3 fatty acids and cognitive and visual acuity development: methodologic and conceptual considerations. *American Journal of Clinical Nutrition*, **2006**, 83, 1458S-1466S	7	104
119	Infant Visual Attention in the Paired-Comparison Paradigm: Test-Retest and Attention-Performance Relations. *Child Development*, **1988**, 59, 1198	4.9	104
118	Visual scanning and pupillary responses in young children with Autism Spectrum Disorder. *Journal of Clinical and Experimental Neuropsychology*, **2006**, 28, 1238-56	2.1	97
117	Attentional Control in Early and Later Bilingual Children. *Cognitive Development*, **2013**, 28, 233-246	1.7	96
116	Individual Differences in Infant Visual Attention: Are Short Lookers Faster Processors or Feature Processors?. *Child Development*, **1991**, 62, 1247-1257	4.9	95

115	Larger tonic pupil size in young children with autism spectrum disorder. *Developmental Psychobiology*, **2009**, 51, 207-11	3	90
114	On the Neural Mechanisms Underlying Developmental and Individual Differences in Visual Fixation in Infancy: Two Hypotheses. *Developmental Review*, **1995**, 15, 97-135	7.4	86
113	Infant Attention Grows Up: The Emergence of a Developmental Cognitive Neuroscience Perspective. *Current Directions in Psychological Science*, **2002**, 11, 196-200	6.5	84
112	The Stability of Visual Habituation during the First Year of Life. *Child Development*, **1987**, 58, 474	4.9	76
111	Individual Differences in Infant Visual Attention: Four-Month-Olds' Discrimination and Generalization of Global and Local Stimulus Properties. *Child Development*, **1993**, 64, 1191-1203	4.9	74
110	The critical period concept: Research, methodology, and theoretical issues.. *Psychological Bulletin*, **1982**, 91, 260-275	19.1	74
109	Docosahexaenoic Acid and Arachidonic Acid Nutrition in Early Development. *Advances in Pediatrics*, **2016**, 63, 453-71	2.2	73
108	Long-chain polyunsaturated fatty acid supplementation in infancy reduces heart rate and positively affects distribution of attention. *Pediatric Research*, **2011**, 70, 406-10	3.2	71
107	Heart rate-defined phases of attention, look duration, and infant performance in the paired-comparison paradigm. *Child Development*, **2001**, 72, 1605-16	4.9	69
106	Individual Differences in Infant Visual Attention: Four-Month-Olds' Discrimination and Generalization of Global and Local Stimulus Properties. *Child Development*, **1993**, 64, 1191	4.9	69
105	A method for the measurement of infant auditory selectivity **1981**, 4, 219-223		67
104	Nutrition and the development of cognitive functions: interpretation of behavioral studies in animals and human infants. *American Journal of Clinical Nutrition*, **2006**, 84, 961-70	7	61
103	Individual differences in infant fixation duration: Dominance of global versus local stimulus properties. *Cognitive Development*, **1995**, 10, 271-285	1.7	58
102	Pupil and salivary indicators of autonomic dysfunction in autism spectrum disorder. *Developmental Psychobiology*, **2013**, 55, 465-82	3	54
101	Randomized controlled trial of maternal omega-3 long-chain PUFA supplementation during pregnancy and early childhood development of attention, working memory, and inhibitory control. *American Journal of Clinical Nutrition*, **2014**, 99, 851-9	7	50
100	Improved Neurodevelopmental Outcomes Associated with Bovine Milk Fat Globule Membrane and Lactoferrin in Infant Formula: A Randomized, Controlled Trial. *Journal of Pediatrics*, **2019**, 215, 24-31.e8	3.6	45
99	Developmental Changes in Infant Attention to Dynamic and Static Stimuli. *Infancy*, **2004**, 5, 355-365	2.4	45
98	Maternal DHA levels and toddler free-play attention. *Developmental Neuropsychology*, **2009**, 34, 159-74	1.8	44

97	Should formula for infants provide arachidonic acid along with DHA? A position paper of the European Academy of Paediatrics and the Child Health Foundation. *American Journal of Clinical Nutrition*, **2020**, 111, 10-16	7	43
96	Effects of docosahexaenoic acid supplementation during pregnancy on fetal heart rate and variability: a randomized clinical trial. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2013**, 88, 331-8	2.8	42
95	Longitudinal correlates of infant attention in the paired-comparison paradigm. *Intelligence*, **1989**, 13, 33-42	3	41
94	Visual attention and autistic behavior in infants with fragile X syndrome. *Journal of Autism and Developmental Disorders*, **2012**, 42, 937-46	4.6	39
93	Individual Differences in Infant Visual Attention: Recognition of Degraded Visual Forms by Four-Month-Olds. *Child Development*, **1996**, 67, 188-204	4.9	39
92	Is the measure the message: the BSID and nutritional interventions. *Pediatrics*, **2012**, 129, 1166-7	7.4	38
91	Temporal Sequence of Global-Local Processing in 3-Month-Old Infants. *Infancy*, **2000**, 1, 375-386	2.4	38
90	Infant response to auditory familiarity and novelty **1983**, 6, 305-311		38
89	Formula with long-chain polyunsaturated fatty acids reduces incidence of allergy in early childhood. *Pediatric Allergy and Immunology*, **2016**, 27, 156-61	4.2	38
88	Executive function predicts artificial language learning. *Journal of Memory and Language*, **2014**, 76, 237-252	3.5	37
87	Individual Differences in Infant Visual Attention: Recognition of Degraded Visual Forms by Four-Month-Olds. *Child Development*, **1996**, 67, 188	4.9	37
86	Effects of multimodal synchrony on infant attention and heart rate during events with social and nonsocial stimuli. *Journal of Experimental Child Psychology*, **2019**, 178, 283-294	2.3	37
85	Zinc supplementation sustained normative neurodevelopment in a randomized, controlled trial of Peruvian infants aged 6-18 months. *Journal of Nutrition*, **2014**, 144, 1298-305	4.1	36
84	Infant timekeeping: attention and temporal estimation in 4-month-olds. *Psychological Science*, **2002**, 13, 475-9	7.9	36
83	Visual pop-out in infants: Evidence for preattentive search in 3- and 4-month-olds. *Psychonomic Bulletin and Review*, **1995**, 2, 266-8	4.1	36
82	Prior beliefs and methodological concepts in scientific reasoning. *Applied Cognitive Psychology*, **2004**, 18, 203-221	2.1	32
81	Docosahexaenoic acid (DHA) and arachidonic acid (ARA) balance in developmental outcomes. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2017**, 121, 52-56	2.8	30
80	Recent advances in infant cognition: implications for long-chain polyunsaturated fatty acid supplementation studies. *Lipids*, **2001**, 36, 919-26	1.6	30

79	The Effects of Continuous and Intermittent Distractors on Cognitive Performance and Attention in Preschoolers. *Journal of Cognition and Development*, **2007**, 8, 63-77	2.5	29
78	Stimulus context and infant orientation discrimination. *Journal of Experimental Child Psychology*, **1984**, 37, 576-86	2.3	29
77	Prenatal DHA supplementation and infant attention. *Pediatric Research*, **2016**, 80, 656-662	3.2	27
76	A parametric study of the infant control procedure **1985**, 8, 117-121		26
75	Dyadic Interaction Profiles in Infancy and Preschool Intelligence. *Journal of School Psychology*, **2000**, 38, 9-25	4.5	25
74	Form categorization in 10-month-olds. *Journal of Experimental Child Psychology*, **1990**, 49, 173-88	2.3	25
73	Identifying the classics: an examination of articles published in the Journal of Pediatric Psychology from 1976-2006. *Journal of Pediatric Psychology*, **2008**, 33, 576-89	3.2	24
72	Long- and short-looking infants' recognition of symmetrical and asymmetrical forms. *Journal of Experimental Child Psychology*, **1998**, 71, 63-78	2.3	24
71	Conceptualizing Social Attention in Developmental Research. *Social Development*, **2016**, 25, 687-703	2.4	23
70	Long-chain polyunsaturated fatty acid supplementation in the first year of life affects brain function, structure, and metabolism at age nine years. *Developmental Psychobiology*, **2019**, 61, 5-16	3	23
69	The Kansas University DHA Outcomes Study (KUDOS) clinical trial: long-term behavioral follow-up of the effects of prenatal DHA supplementation. *American Journal of Clinical Nutrition*, **2019**, 109, 1380-1392	7	22
68	Event-related potential differences in children supplemented with long-chain polyunsaturated fatty acids during infancy. *Developmental Science*, **2017**, 20, e12455	4.5	21
67	Structure and Continuity of Intellectual Development in Early Childhood. *Intelligence*, **2009**, 37, 106-113	3	21
66	Docosahexaenoic acid and cognitive function: Is the link mediated by the autonomic nervous system?. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2008**, 79, 135-40	2.8	21
65	Four-month-olds' recognition of complementary-contour forms **1996**, 19, 113-119		21
64	Separable Attentional Predictors of Language Outcome. *Infancy*, **2013**, 18, 462-489	2.4	20
63	Stimulus and motoric influences on visual habituation to facial stimuli at 3 months **1987**, 10, 173-181		20
62	Predicting the effect of maternal docosahexaenoic acid (DHA) supplementation to reduce early preterm birth in Australia and the United States using results of within country randomized controlled trials. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2016**, 112, 44-9	2.8	20

61	Clinical overview of effects of dietary long-chain polyunsaturated fatty acids during the perinatal period. *Nestle Nutrition Institute Workshop Series*, **2013**, 77, 145-54	1.9	19
60	Visual processing and infant ocular Latencies in the overlap paradigm. *Developmental Psychology*, **2006**, 42, 1069-76	3.7	18
59	Docosahexaenoic acid (DHA) supplementation in pregnancy differentially modulates arachidonic acid and DHA status across FADS genotypes in pregnancy. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2015**, 94, 29-33	2.8	17
58	Sensitization during visual habituation sequences: procedural effects and individual differences. *Journal of Experimental Child Psychology*, **1997**, 67, 223-35	2.3	17
57	Discrimination learning during the first year: Stimulus and positional cues.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1990**, 16, 98-109	2.2	17
56	Infants' attentional responses to frequency modulated sweeps. *Child Development*, **1986**, 57, 287-91	4.9	17
55	Now, Pay Attention! The Effects of Instruction on Children's Attention. *Journal of Cognition and Development*, **2010**, 11, 509-532	2.5	16
54	Neonatal Behavioral Organization and Visual Processing at Three Months. *Child Development*, **1988**, 59, 1211	4.9	16
53	Beyond the Bayley: Neurocognitive Assessments of Development During Infancy and Toddlerhood. *Developmental Neuropsychology*, **2019**, 44, 220-247	1.8	16
52	Joint Book Reading in the Second Year and Vocabulary Outcomes. *Journal of Research in Childhood Education*, **2007**, 21, 242-253	1.1	15
51	Intrauterine DHA exposure and child body composition at 5 y: exploratory analysis of a randomized controlled trial of prenatal DHA supplementation. *American Journal of Clinical Nutrition*, **2018**, 107, 35-42	7	14
50	What Habituates in Infant Visual Habituation? A Psychophysiological Analysis. *Infancy*, **2010**, 15, 107-124	2.4	12
49	Autonomic correlates of individual differences in sensitization and look duration during infancy **2000**, 23, 137-151		12
48	Neonatal State Profiles: Reliability and Short-Term Prediction of Neurobehavioral Status. *Child Development*, **1989**, 60, 1102	4.9	12
47	Individual Differences in Infant Cognition **1997**, 339-385		12
46	Dietary patterns of early childhood and maternal socioeconomic status in a unique prospective sample from a randomized controlled trial of Prenatal DHA Supplementation. *BMC Pediatrics*, **2016**, 16, 191	2.6	12
45	The Nature and Processes of Preverbal Learning: Implications from Nine-Month-Old Infants' Discrimination Problem Solving. *Monographs of the Society for Research in Child Development*, **1994**, 59, i	6.6	11
44	Stimulus salience and relational task performance **1986**, 9, 377-380		11

43	A lower boundary for category formation in preverbal infants. *Journal of Child Language*, **1987**, 14, 383-52.3		10
42	Spectral complexity and infant attention. *Journal of Genetic Psychology*, **1985**, 146, 519-26	1.4	10
41	Pitch perception in young infants.. *Developmental Psychology*, **1982**, 18, 10-14	3.7	10
40	Critical and Sensitive Periods in Development and Nutrition. *Annals of Nutrition and Metabolism*, **2019**, 75 Suppl 1, 34-42	4.5	10
39	Docosahexaenoic acid supplementation (DHA) and the return on investment for pregnancy outcomes. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2016**, 111, 8-10	2.8	9
38	Your Eyes Say "No," But Your Heart Says "Yes": Behavioral and Psychophysiological Indices in Infant Quantitative Processing. *Infancy*, **2012**, 17, 445	2.4	9
37	Self-Regulation across the Life Span **2010**,		9
36	Effect of Prenatal Docosahexaenoic Acid Supplementation on Blood Pressure in Children With Overweight Condition or Obesity: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Network Open*, **2019**, 2, e190088	10.4	8
35	Maternal Vitamin D Status and Infant Infection. *Nutrients*, **2018**, 10,	6.7	8
34	Varieties of Attention in Infancy **2010**, 3-26		8
33	Assessing whether early attention of very preterm infants can be improved by an omega-3 long-chain polyunsaturated fatty acid intervention: a follow-up of a randomised controlled trial. *BMJ Open*, **2018**, 8, e020043	3	8
32	Dose-response relationship between docosahexaenoic acid (DHA) intake and lower rates of early preterm birth, low birth weight and very low birth weight. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2018**, 138, 1-5	2.8	8
31	Typical prenatal vitamin D supplement intake does not prevent decrease of plasma 25-hydroxyvitamin D at birth. *Journal of the American College of Nutrition*, **2014**, 33, 394-9	3.5	7
30	Long chain polyunsaturated fatty acid supplementation in infancy increases length- and weight-for-age but not BMI to 6 years when controlling for effects of maternal smoking. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2015**, 98, 1-6	2.8	6
29	Prenatal docosahexaenoic acid supplementation has long-term effects on childhood behavioral and brain responses during performance on an inhibitory task. *Nutritional Neuroscience*, **2020**, 1-11	3.6	6
28	Sibling Configuration and Gender Differences in Preschool Social Participation. *Journal of Genetic Psychology*, **1989**, 150, 45-50	1.4	6
27	High cognitive ability in infancy and early childhood.23-42		6
26	Commensurate Priors on a Finite Mixture Model for Incorporating Repository Data in Clinical Trials. *Statistics in Biopharmaceutical Research*, **2016**, 8, 151-160	1.2	6

25	Mineral status of non-anemic Peruvian infants taking an iron and copper syrup with or without zinc from 6 to 18 months of age: a randomized controlled trial. *Nutrition*, **2013**, 29, 1336-41	4.8	5
24	Infants' detection of contingency: a cognitive-neuroscience perspective. *Bulletin of the Menninger Clinic*, **2001**, 65, 321-34	1.3	5
23	Infant Perception and Cognition **2012**,		4
22	DHA supplementation in infants born preterm and the effect on attention at 18 months' corrected age: follow-up of a subset of the N3RO randomised controlled trial. *British Journal of Nutrition*, **2021**, 125, 420-431	3.6	4
21	Attention as a cueing function during kindergarten children's dimensional change task performance. *Infant and Child Development*, **2009**, 18, 441-454	1.4	3
20	The Effects of Continuous and Intermittent Distractors on Cognitive Performance and Attention in Preschoolers		3
19	Cost, Utility, and Judgments of Institutional Review Boards. *Psychological Science*, **1995**, 6, 318-319	7.9	2
18	Cognition, development, and exceptional talent in infancy.123-147		2
17	Developmental effects on sleep-wake patterns in infants receiving a cow's milk-based infant formula with an added prebiotic blend: a Randomized Controlled Trial. *Pediatric Research*, **2021**, 89, 1222-1231	3.2	2
16	Higher maternal weight is related to poorer fetal autonomic function. *Journal of Developmental Origins of Health and Disease*, **2021**, 12, 354-356	2.4	2
15	Prenatal docosahexaenoic acid effect on maternal-infant DHA-equilibrium and fetal neurodevelopment: a randomized clinical trial. *Pediatric Research*, **2021**,	3.2	2
14	Intellectual and developmental disabilities research centers: Fifty years of scientific accomplishments. *Annals of Neurology*, **2019**, 86, 332-343	9.4	1
13	Assessing Neurocognitive Development in Studies of Nutrition. *Nestle Nutrition Institute Workshop Series*, **2018**, 89, 143-154	1.9	1
12	Infants' integration of featural and numerical information. *Research in Social and Administrative Pharmacy*, **2012**, 35, 705-10	2.9	1
11	Your Eyes Say No, But Your Heart Says Yes: Behavioral and Psychophysiological Indices in Infant Quantitative Processing. *Infancy*, **2011**, no-no	2.4	1
10	Associations of early pregnancy BMI with adverse pregnancy outcomes and infant neurocognitive development. *Scientific Reports*, **2021**, 11, 3793	4.9	1
9	An Investigation of the Relationship Between Dietary Patterns in Early Pregnancy and Maternal/Infant Health Outcomes in a Chinese Cohort.. *Frontiers in Nutrition*, **2022**, 9, 775557	6.2	1
8	Long-Chain Polyunsaturated Fatty Acids in the Developing Central Nervous System **2017**, 380-389.e4		

List of Publications

7	The tip of the iceberg. *Infant and Child Development*, **1998**, 7, 129-131	
6	ON THE DEVELOPMENT OF THE PROCESSES UNDERLYING LEARNING ACROSS THE LIFE SPAN. *Monographs of the Society for Research in Child Development*, **1994**, 59, 90-92	6.6
5	Association learning and pitch perception. *Bulletin of the Psychonomic Society*, **1989**, 27, 234-236	
4	Infants' Attentional Responses to Frequency Modulated Sweeps. *Child Development*, **1986**, 57, 287	4.9
3	Visual Habituation and Response to Novelty in Infancy **2020**, 428-434	
2	Long-Chain Fatty Acids in the Developing Retina and Brain **2011**, 497-508	
1	A Maternal Dietary Pattern High in Discretionary Foods was Inversely Associated with Psychomotor Development of Infants at 1 Year. *Proceedings (mdpi)*, **2019**, 37, 25	0.3