John Colombo

List of Publications by Year
in descending order

132 papers	7,707 citations	61857 43 h-index	60497 81 g-index
142 all docs	142 docs citations	142 times ranked	6421 citing authors

#	Article	IF	Citations
1	Habituation revisited: An updated and revised description of the behavioral characteristics of habituation. Neurobiology of Learning and Memory, 2009, 92, 135-138.	1.0	1,167
2	The Development of Visual Attention in Infancy. Annual Review of Psychology, 2001, 52, 337-367.	9.9	511
3	Towards Establishing Dietary Reference Intakes for Eicosapentaenoic and Docosahexaenoic Acids. Journal of Nutrition, 2009, 139, 804S-819S.	1.3	280
4	DHA supplementation and pregnancy outcomes. American Journal of Clinical Nutrition, 2013, 97, 808-815.	2.2	255
5	Maternal DHA and the Development of Attention in Infancy and Toddlerhood. Child Development, 2004, 75, 1254-1267.	1.7	244
6	Individual Differences in Infant Visual Attention: Are Short Lookers Faster Processors or Feature Processors?. Child Development, 1991, 62, 1247.	1.7	200
7	Infant visual habituation. Neurobiology of Learning and Memory, 2009, 92, 225-234.	1.0	181
8	The emergence and basis of endogenous attention in infancy and early childhood. Advances in Child Development and Behavior, 2006, 34, 283-322.	0.7	178
9	Long-term effects of LCPUFA supplementation on childhood cognitive outcomes. American Journal of Clinical Nutrition, 2013, 98, 403-412.	2.2	150
10	The Developmental Course of Habituation in Infancy and Preschool Outcome. Infancy, 2004, 5, 1-38.	0.9	134
11	Individual Differences in Infant Visual Attention: Are Short Lookers Faster Processors or Feature Processors?. Child Development, 1991, 62, 1247-1257.	1.7	129
12	Individual and Developmental Differences in Disengagement of Fixation in Early Infancy. Child Development, 1999, 70, 537-548.	1.7	128
13	nâˆ'3 Fatty acids and cognitive and visual acuity development: methodologic and conceptual considerations. American Journal of Clinical Nutrition, 2006, 83, 1458S-1466S.	2.2	120
14	Attentional control in early and later bilingual children. Cognitive Development, 2013, 28, 233-246.	0.7	119
15	Visual Scanning and Pupillary Responses in Young Children with Autism Spectrum Disorder. Journal of Clinical and Experimental Neuropsychology, 2006, 28, 1238-1256.	0.8	117
16	Larger tonic pupil size in young children with autism spectrum disorder. Developmental Psychobiology, 2009, 51, 207-211.	0.9	114
17	Infant Visual Attention in the Paired-Comparison Paradigm: Test-Retest and Attention-Performance Relations. Child Development, 1988, 59, 1198.	1.7	111
18	Infant Attention Grows Up: The Emergence of a Developmental Cognitive Neuroscience Perspective. Current Directions in Psychological Science, 2002, 11, 196-200.	2.8	103

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19	Docosahexaenoic Acid and Arachidonic Acid Nutrition in Early Development. Advances in Pediatrics, 2016, 63, 453-471.	0.5	102
20	On the Neural Mechanisms Underlying Developmental and Individual Differences in Visual Fixation in Infancy: Two Hypotheses. Developmental Review, 1995, 15, 97-135.	2.6	98
21	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.	2.2	88
22	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.	0.9	85
23	The critical period concept: Research, methodology, and theoretical issues.. Psychological Bulletin, 1982, 91, 260-275.	5.5	84
24	Individual Differences in Infant Visual Attention: Four-Month-Olds' Discrimination and Generalization of Global and Local Stimulus Properties. Child Development, 1993, 64, 1191-1203.	1.7	83
25	The Stability of Visual Habituation during the First Year of Life. Child Development, 1987, 58, 474.	1.7	81
26	A method for the measurement of infant auditory selectivity. , 1981, 4, 219-223.		80
27	Long-Chain Polyunsaturated Fatty Acid Supplementation in Infancy Reduces Heart Rate and Positively Affects Distribution of Attention. Pediatric Research, 2011, 70, 406-410.	1.1	78
28	Heart Rate-Defined Phases of Attention, Look Duration, and Infant Performance in the Paired-Comparison Paradigm. Child Development, 2001, 72, 1605-1616.	1.7	75
29	Individual Differences in Infant Visual Attention: Four-Month-Olds' Discrimination and Generalization of Global and Local Stimulus Properties. Child Development, 1993, 64, 1191.	1.7	74
30	Nutrition and the development of cognitive functions: interpretation of behavioral studies in animals and human infants. American Journal of Clinical Nutrition, 2006, 84, 961-970.	2.2	73
31	Pupil and salivary indicators of autonomic dysfunction in autism spectrum disorder. Developmental Psychobiology, 2013, 55, 465-482.	0.9	68
32	Individual differences in infant fixation duration: Dominance of global versus local stimulus properties. Cognitive Development, 1995, 10, 271-285.	0.7	66
33	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, 851-859.	2.2	59
34	Executive function predicts artificial language learning. Journal of Memory and Language, 2014, 76, 237-252.	1.1	54
35	Developmental Changes in Infant Attention to Dynamic and Static Stimuli. Infancy, 2004, 5, 355-365.	0.9	53
36	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.	0.7	52

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37	Infant response to auditory familiarity and novelty. , 1983, 6, 305-311.		51
38	Zinc Supplementation Sustained Normative Neurodevelopment in a Randomized, Controlled Trial of Peruvian Infants Aged 6â€“18 Months. Journal of Nutrition, 2014, 144, 1298-1305.	1.3	50
39	Docosahexaenoic acid (DHA) and arachidonic acid (ARA) balance in developmental outcomes. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 121, 52-56.	1.0	49
40	Temporal Sequence of Global-Local Processing in 3-Month-Old Infants. Infancy, 2000, 1, 375-386.	0.9	48
41	Infant Timekeeping: Attention and Temporal Estimation in 4-Month-Olds. Psychological Science, 2002, 13, 475-479.	1.8	47
42	Formula with longâ€chain polyunsaturated fatty acids reduces incidence of allergy in early childhood. Pediatric Allergy and Immunology, 2016, 27, 156-161.	1.1	47
43	Maternal DHA Levels and Toddler Free-Play Attention. Developmental Neuropsychology, 2009, 34, 159-174.	1.0	45
44	Longitudinal correlates of infant attention in the paired-comparison paradigm. Intelligence, 1989, 13, 33-42.	1.6	44
45	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, 331-338.	1.0	44
46	Visual pop-out in infants: Evidence for preattentive search in 3- and 4-month-olds. Psychonomic Bulletin and Review, 1995, 2, 266-268.	1.4	43
47	Is the Measure the Message: The BSID and Nutritional Interventions. Pediatrics, 2012, 129, 1166-1167.	1.0	43
48	Longâ€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.	0.9	42
49	Individual Differences in Infant Visual Attention: Recognition of Degraded Visual Forms by Four-Month-Olds. Child Development, 1996, 67, 188-204.	1.7	41
50	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.	2.2	41
51	Visual Attention and Autistic Behavior in Infants with Fragile X Syndrome. Journal of Autism and Developmental Disorders, 2012, 42, 937-946.	1.7	40
52	Prenatal DHA supplementation and infant attention. Pediatric Research, 2016, 80, 656-662.	1.1	40
53	Conceptualizing Social Attention in Developmental Research. Social Development, 2016, 25, 687-703.	0.8	40
54	Prior beliefs and methodological concepts in scientific reasoning. Applied Cognitive Psychology, 2004, 18, 203-221.	0.9	38

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55	Individual Differences in Infant Visual Attention: Recognition of Degraded Visual Forms by Four-Month-Olds. Child Development, 1996, 67, 188.	1.7	37
56	Recent advances in infant cognition: Implications for long-chain polyunsaturated fatty acid supplementation studies. Lipids, 2001, 36, 919-926.	0.7	36
57	The Effects of Continuous and Intermittent Distractors on Cognitive Performance and Attention in Preschoolers. Journal of Cognition and Development, 2007, 8, 63-77.	0.6	34
58	Stimulus context and infant orientation discrimination. Journal of Experimental Child Psychology, 1984, 37, 576-586.	0.7	33
59	A parametric study of the infant control procedure. , 1985, 8, 117-121.		32
60	Eventâ€related potential differences in children supplemented with longâ€chain polyunsaturated fatty acids during infancy. Developmental Science, 2017, 20, e12455.	1.3	31
61	Beyond the Bayley: Neurocognitive Assessments of Development During Infancy and Toddlerhood. Developmental Neuropsychology, 2019, 44, 220-247.	1.0	31
62	Form categorization in 10-month-olds. Journal of Experimental Child Psychology, 1990, 49, 173-188.	0.7	30
63	Dyadic Interaction Profiles in Infancy and Preschool Intelligence. Journal of School Psychology, 2000, 38, 9-25.	1.5	30
64	Four-month-olds' recognition of complementary-contour forms. , 1996, 19, 113-119.		28
65	Identifying the Classics: An Examination of Articles Published in the Journal of Pediatric Psychology from 1976â€"2006. Journal of Pediatric Psychology, 2008, 33, 576-589.	1.1	28
66	Separable Attentional Predictors of Language Outcome. Infancy, 2013, 18, 462-489.	0.9	28
67	Structure and continuity of intellectual development in early childhood. Intelligence, 2009, 37, 106-113.	1.6	26
68	Long- and Short-Looking Infants' Recognition of Symmetrical and Asymmetrical Forms. Journal of Experimental Child Psychology, 1998, 71, 63-78.	0.7	25
69	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.	1.0	25
70	Critical and Sensitive Periods in Development and Nutrition. Annals of Nutrition and Metabolism, 2019, 75, 34-42.	1.0	25
71	Now, Pay Attention! The Effects of Instruction on Children's Attention. Journal of Cognition and Development, 2010, 11, 509-532.	0.6	24
72	Stimulus and motoric influences on visual habituation to facial stimuli at 3 months. , 1987, 10, 173-181.		23

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73	Docosahexaenoic acid and cognitive function: Is the link mediated by the autonomic nervous system?. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 135-140.	1.0	23
74	Infants'Attentional Responses to Frequency Modulated Sweeps. Child Development, 1986, 57, 287-291.	1.7	23
75	Visual processing and infant ocular latencies in the overlap paradigm.. Developmental Psychology, 2006, 42, 1069-1076.	1.2	21
76	Joint Book Reading in the Second Year and Vocabulary Outcomes. Journal of Research in Childhood Education, 2007, 21, 242-253.	0.6	21
77	Clinical Overview of Effects of Dietary Long-Chain Polyunsaturated Fatty Acids during the Perinatal Period. Nestle Nutrition Institute Workshop Series, 2013, 77, 145-154.	1.5	21
78	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, 44-49.	1.0	21
79	Discrimination learning during the first year: Stimulus and positional cues.. Journal of Experimental Psychology: Learning Memory and Cognition, 1990, 16, 98-109.	0.7	20
80	Sensitization during Visual Habituation Sequences: Procedural Effects and Individual Differences. Journal of Experimental Child Psychology, 1997, 67, 223-235.	0.7	19
81	Neonatal Behavioral Organization and Visual Processing at Three Months. Child Development, 1988, 59, 1211.	1.7	18
82	What Habituates in Infant Visual Habituation? A Psychophysiological Analysis. Infancy, 2010, 15, 107-124.	0.9	17
83	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.	2.2	16
84	Individual Differences in Infant Cognition. , 1997, , 339-385.		16
85	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.	6.8	15
86	Pitch perception in young infants.. Developmental Psychology, 1982, 18, 10-14.	1.2	14
87	Doseâ€"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.	1.0	14
88	Stimulus salience and relational task performance. , 1986, 9, 377-380.		13
89	A lower boundary for category formation in preverbal infants. Journal of Child Language, 1987, 14, 383-385.	0.8	13
90	Autonomic correlates of individual differences in sensitization and look duration during infancy. , 2000, 23, 137-151.		13

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91	Your Eyes Say â€œNo,â€•But Your Heart Says â€œYesâ€• Behavioral and Psychophysiological Indices in Infant Quantitative Processing. Infancy, 2012, 17, 445-454.	0.9	13
92	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.	0.8	13
93	Neonatal State Profiles: Reliability and Short-Term Prediction of Neurobehavioral Status. Child Development, 1989, 60, 1102.	1.7	12
94	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.	0.7	12
95	Maternal Vitamin D Status and Infant Infection. Nutrients, 2018, 10, 111.	1.7	12
96	DHA supplementation in infants born preterm and the effect on attention at 18 monthsâ€™ corrected age: follow-up of a subset of the N3RO randomised controlled trial. British Journal of Nutrition, 2021, 125, 420-431.	1.2	12
97	Docosahexaenoic acid supplementation (DHA) and the return on investment for pregnancy outcomes. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 111, 8-10.	1.0	11
98	Varieties of Attention in Infancy. , 2010, , 3-26.		11
99	Spectral Complexity and Infant Attention. Journal of Genetic Psychology, 1985, 146, 519-525.	0.6	10
100	Effect of Prenatal Docosahexaenoic Acid Supplementation on Blood Pressure in Children With Overweight Condition or Obesity. JAMA Network Open, 2019, 2, e190088.	2.8	10
101	Commensurate Priors on a Finite Mixture Model for Incorporating Repository Data in Clinical Trials. Statistics in Biopharmaceutical Research, 2016, 8, 151-160.	0.6	9
102	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, 1336-1341.	1.1	8
103	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, 394-399.	1.1	8
104	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.	1.0	8
105	Developmental effects on sleepâ€“wake patterns in infants receiving a cowâ€™s milk-based infant formula with an added prebiotic blend: a Randomized Controlled Trial. Pediatric Research, 2021, 89, 1222-1231.	1.1	8
106	Sibling Configuration and Gender Differences in Preschool Social Participation. Journal of Genetic Psychology, 1989, 150, 45-50.	0.6	7
107	Associations of early pregnancy BMI with adverse pregnancy outcomes and infant neurocognitive development. Scientific Reports, 2021, 11, 3793.	1.6	7
108	Prenatal docosahexaenoic acid effect on maternal-infant DHA-equilibrium and fetal neurodevelopment: a randomized clinical trial. Pediatric Research, 2022, 92, 255-264.	1.1	7

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109	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.	1.6	7
110	Infants' detection of contingency: A cognitive-neuroscience perspective. Bulletin of the Menninger Clinic, 2001, 65, 321-334.	0.3	6
111	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.	1.5	6
112	Higher maternal weight is related to poorer fetal autonomic function. Journal of Developmental Origins of Health and Disease, 2021, 12, 354-356.	0.7	6
113	High cognitive ability in infancy and early childhood.. , 2009, , 23-42.		6
114	Intellectual and developmental disabilities research centers: Fifty years of scientific accomplishments. Annals of Neurology, 2019, 86, 332-343.	2.8	5
115	Cost, Utility, and Judgments of Institutional Review Boards. Psychological Science, 1995, 6, 318-319.	1.8	4
116	The Effects of Continuous and Intermittent Distractors on Cognitive Performance and Attention in Preschoolers. , 0, .		4
117	Attention as a cueing function during kindergarten children's dimensional change task performance. Infant and Child Development, 2009, 18, 441-454.	0.9	3
118	DHA and Cognitive Development. Journal of Nutrition, 2021, 151, 3265-3266.	1.3	3
119	Cognition, development, and exceptional talent in infancy.. , 0, , 123-147.		2
120	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.	6.8	1
121	Your Eyes Say â€œNo,â€•But Your Heart Says â€œYesâ€• Behavioral and Psychophysiological Indices in Infant Quantitative Processing. Infancy, 2011, , no-no.	0.9	1
122	Infantsâ€™ integration of featural and numerical information. , 2012, 35, 705-710.		1
123	Assessing Neurocognitive Development in Studies of Nutrition. Nestle Nutrition Institute Workshop Series, 2018, 89, 143-154.	1.5	1
124	Infants' Attentional Responses to Frequency Modulated Sweeps. Child Development, 1986, 57, 287.	1.7	0
125	Association learning and pitch perception. Bulletin of the Psychonomic Society, 1989, 27, 234-236.	0.2	0
126	The tip of the iceberg. Infant and Child Development, 1998, 7, 129-131.	0.4	0

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127	Introduction to Special Section. Infancy, 2017, 22, 420-420.	0.9	0
128	Long-Chain Polyunsaturated Fatty Acids in the Developing Central Nervous System. , 2017, , 380-389.e4.		0
129	Summary on Nutrition, Brain Function, and Cognitive Development. Nestle Nutrition Institute Workshop Series, 2018, 89, 197-199.	1.5	0
130	A Maternal Dietary Pattern High in Discretionary Foods was Inversely Associated with Psychomotor Development of Infants at 1 Year. Proceedings (mdpi), 2019, 37, 25.	0.2	0
131	Long-Chain Fatty Acids in the Developing Retina and Brain. , 2011, , 497-508.		0
132	Visual Habituation and Response to Novelty in Infancy. , 2020, , 428-434.		0