

Rachel F Barr

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

6,156
citations

76326
40
h-index

91884
69
g-index

110
all docs

110
docs citations

110
times ranked

2535
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental changes in deferred imitation by 6- to 24-month-old infants. , 1996, 19, 159-170.		456
2	Fathers Are Parents, Too! Widening the Lens on Parenting for Children's Development. Child Development Perspectives, 2018, 12, 152-157.	3.9	414
3	Developmental Changes in Imitation from Television during Infancy. Child Development, 1999, 70, 1067-1081.	3.0	318
4	Developmental changes in the specificity of memory over the second year of life. , 1997, 20, 233-245.		226
5	The development of declarative memory in human infants: Age-related changes in deferred imitation.. Behavioral Neuroscience, 2000, 114, 77-83.	1.2	223
6	Transfer of learning between 2D and 3D sources during infancy: Informing theory and practice. Developmental Review, 2010, 30, 128-154.	4.7	207
7	Infant and Early Childhood Exposure to Adult-Directed and Child-Directed Television Programming: Relations with Cognitive Skills at Age Four. Merrill-Palmer Quarterly, 2010, 56, 21-48.	0.5	184
8	Memory Constraints on Infant Learning From Picture Books, Television, and Touchscreens. Child Development Perspectives, 2013, 7, 205-210.	3.9	167
9	Associations Between Parenting, Media Use, Cumulative Risk, and Children's Executive Functioning. Journal of Developmental and Behavioral Pediatrics, 2014, 35, 367-377.	1.1	151
10	The effect of repetition on imitation from television during infancy. Developmental Psychobiology, 2007, 49, 196-207.	1.6	141
11	Infants' Attention and Responsiveness to Television Increases With Prior Exposure and Parental Interaction. Infancy, 2008, 13, 30-56.	1.6	140
12	Age, Ethnicity, and Socioeconomic Patterns in Early Computer Use. American Behavioral Scientist, 2005, 48, 590-607.	3.8	139
13	Parent-child interactions during traditional and computer storybook reading for children's comprehension: Implications for electronic storybook design. International Journal of Child-Computer Interaction, 2014, 2, 17-25.	3.5	135
14	Age-related changes in deferred imitation from television by 6- to 18-month-olds. Developmental Science, 2007, 10, 910-921.	2.4	134
15	Socioeconomic disparities in neurocognitive development in the first two years of life. Developmental Psychobiology, 2015, 57, 535-551.	1.6	133
16	Infant imitation from television using novel touch screen technology. British Journal of Developmental Psychology, 2009, 27, 13-26.	1.7	127
17	Influence of bilingualism on memory generalization during infancy. Developmental Science, 2012, 15, 812-816.	2.4	115
18	They can interact, but can they learn? Toddlers' transfer learning from touchscreens and television. Journal of Experimental Child Psychology, 2015, 137, 137-155.	1.4	113

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19	The Effect of Prior Practice on Memory Reactivation and Generalization. <i>Child Development</i> , 2003, 74, 1615-1627.	3.0	106
20	Young Children's Use of Smartphones and Tablets. <i>Pediatrics</i> , 2020, 146, .	2.1	106
21	"Facetime doesn't count": Video chat as an exception to media restrictions for infants and toddlers. <i>International Journal of Child-Computer Interaction</i> , 2015, 6, 1-6.	3.5	95
22	Contingent computer interactions for young children's object retrieval success. <i>Journal of Applied Developmental Psychology</i> , 2010, 31, 362-369.	1.7	93
23	Flexible memory retrieval in bilingual 6-month-old infants. <i>Developmental Psychobiology</i> , 2014, 56, 1156-1163.	1.6	87
24	Age-related changes in learning across early childhood: A new imitation task. <i>Developmental Psychobiology</i> , 2013, 55, 719-732.	1.6	80
25	The Role of Interactional Quality in Learning from Touch Screens during Infancy: Context Matters. <i>Frontiers in Psychology</i> , 2016, 07, 1264.	2.1	80
26	Look At That! Video Chat and Joint Visual Attention Development Among Babies and Toddlers. <i>Child Development</i> , 2018, 89, 27-36.	3.0	80
27	Beyond Screen Time: A Synergistic Approach to a More Comprehensive Assessment of Family Media Exposure During Early Childhood. <i>Frontiers in Psychology</i> , 2020, 11, 1283.	2.1	77
28	The Effect of Narrative Cues on Infants' Imitation From Television and Picture Books. <i>Child Development</i> , 2011, 82, 1607-1619.	3.0	69
29	It's Not What You Know, It's Who You Know: Older siblings facilitate imitation during infancy. <i>International Journal of Early Years Education</i> , 2003, 11, 7-21.	0.8	68
30	Differences in Language Exposure and its Effects on Memory Flexibility in Monolingual, Bilingual, and Trilingual Infants. <i>Bilingualism</i> , 2015, 18, 670-682.	1.3	68
31	Specificity of the bilingual advantage for memory: examining cued recall, generalization, and working memory in monolingual, bilingual, and trilingual toddlers. <i>Frontiers in Psychology</i> , 2014, 5, 1369.	2.1	65
32	Reenactment of televised content by 2-year olds: Toddlers use language learned from television to solve a difficult imitation problem. , 2008, 31, 696-703.		64
33	Growing Up in the Digital Age: Early Learning and Family Media Ecology. <i>Current Directions in Psychological Science</i> , 2019, 28, 341-346.	5.3	63
34	Amount, content and context of infant media exposure: a parental questionnaire and diary analysis. <i>International Journal of Early Years Education</i> , 2010, 18, 107-122.	0.8	62
35	The effect of event structure on imitation in infancy: Practice makes perfect?. , 1996, 19, 253-257.		61
36	Long-term transfer of learning from books and video during toddlerhood. <i>Journal of Experimental Child Psychology</i> , 2012, 111, 108-119.	1.4	60

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37	The Dimensional Divide: Learning from TV and Touchscreens During Early Childhood. , 2017, , 33-54.		59
38	Maternal Depression and Family Media Use: A Questionnaire and Diary Analysis. Journal of Child and Family Studies, 2012, 21, 208-216.	1.3	58
39	It's Not What You Know, It's Who You Know: older siblings facilitate imitation during infancy. International Journal of Early Years Education, 2003, 11, 7-21.	0.8	57
40	Infant-directed media: an analysis of product information and claims. Infant and Child Development, 2010, 19, 557-556.	1.5	52
41	The effects of live and videotaped models on imitation in infancy. , 1996, 19, 313.		49
42	Mediated Imitation in 6-Month-Olds: Remembering by Association. Journal of Experimental Child Psychology, 2001, 79, 229-252.	1.4	49
43	Retrieval Protracts Deferred Imitation by 6-Month-Olds. Infancy, 2005, 7, 263-283.	1.6	49
44	Content analysis of language-promoting teaching strategies used in infant-directed media. Infant and Child Development, 2010, 19, 628-648.	1.5	48
45	Age-Related Changes in Spreading Activation During Infancy. Child Development, 2014, 85, 549-563.	3.0	45
46	15-month-olds' transfer of learning between touch screen and real-world displays: language cues and cognitive loads. Scandinavian Journal of Psychology, 2013, 54, 20-25.	1.5	44
47	Television Viewing Patterns in 6- to 18-Month-Olds: The Role of Caregiver-Infant Interactional Quality. Infancy, 2010, 15, 176-196.	1.6	41
48	The role of sensory preconditioning in memory retrieval by preverbal infants. Learning and Behavior, 2003, 31, 111-123.	3.4	40
49	Interactional quality depicted in infant and toddler videos: where are the interactions?. Infant and Child Development, 2010, 19, 594-612.	1.5	40
50	The Ghost in the Touchscreen: Social Scaffolds Promote Learning by Toddlers. Child Development, 2017, 88, 2013-2025.	3.0	38
51	Building Family Relationships from a Distance: Supporting Connections with Babies and Toddlers Using Video and Video Chat. , 2017, , 227-248.		31
52	Beyond the Bayley: Neurocognitive Assessments of Development During Infancy and Toddlerhood. Developmental Neuropsychology, 2019, 44, 220-247.	1.4	31
53	Bidirectional priming in infants. Memory and Cognition, 2002, 30, 246-255.	1.6	27
54	Delivering services to incarcerated teen fathers: A pilot intervention to increase the quality of father-infant interactions during visitation.. Psychological Services, 2014, 11, 10-21.	1.5	27

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55	The influence of electronic sound effects on learning from televised and live models. Journal of Experimental Child Psychology, 2009, 103, 1-16.	1.4	26
56	Emerging Computer Skills. Journal of Children and Media, 2009, 3, 217-233.	1.7	24
57	Growing Up in a Digital World â€ Digital Media and the Association With the Childâ€™s Language Development at Two Years of Age. Frontiers in Psychology, 2021, 12, 569920.	2.1	23
58	Zooming through development: Using video chat to support family connections. Human Behavior and Emerging Technologies, 2021, 3, 552-571.	4.4	21
59	The Baby Elmo Program: Improving teen fatherâ€™child interactions within juvenile justice facilities. Children and Youth Services Review, 2011, 33, 1555-1562.	1.9	19
60	Becoming a highâ€fidelity â€ <i>super</i> â€ imitator: what are the contributions of social and individual learning?. Developmental Science, 2015, 18, 1025-1035.	2.4	19
61	Quality of Mother-Child Interaction Before, During, and After Smartphone Use. Frontiers in Psychology, 2021, 12, 616656.	2.1	19
62	Potential in young infants: The origin of the prior knowledge effect?. Memory and Cognition, 2011, 39, 625-636.	1.6	17
63	What Makes Preschool Educational Television Educational? A Content Analysis of Literacy, Language-Promoting, and Prosocial Preschool Programming. , 2017, , 97-133.		16
64	The impact of memory load and perceptual cues on puzzle learning by 24-month olds. Developmental Psychobiology, 2016, 58, 817-828.	1.6	15
65	Music interferes with learning from television during infancy. Infant and Child Development, 2010, 19, 313-331.	1.5	14
66	Do semantic contextual cues facilitate transfer learning from video in toddlers?. Frontiers in Psychology, 2015, 6, 561.	2.1	14
67	Developing Social Understanding in a Social Context. , 0, , 188-207.		13
68	A US Study of Transfer of Learning from Video to Books in Toddlers. Journal of Children and Media, 2010, 4, 451-467.	1.7	13
69	Background media use is negatively related to language and literacy skills: indirect effects of self-regulation. Pediatric Research, 2021, 89, 1523-1529.	2.3	13
70	Do bilingual advantages in attentional control influence memory encoding during a divided attention task?. Bilingualism, 2016, 19, 621-629.	1.3	12
71	Attention and Learning from Media during Infancy and Early Childhood. , 0, , 141-165.		11
72	Toddler learning from video: Effect of matched pedagogical cues. , 2016, 45, 22-30.		11

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73	The cognitive structure of goal emulation during the preschool years. British Journal of Developmental Psychology, 2016, 34, 132-149.	1.7	11
74	Defining Elemental Imitation Mechanisms: A Comparison of Cognitive and Motor-Spatial Imitation Learning Across Object- and Computer-Based Tasks. Journal of Cognition and Development, 2016, 17, 221-243.	1.3	11
75	Procedural memory in infancy: Evidence from implicit sequence learning in an eye-tracking paradigm. Journal of Experimental Child Psychology, 2020, 191, 104733.	1.4	11
76	Does texting interrupt imitation learning in 19-month-old infants?. , 2021, 62, 101513.		11
77	How Infant and Toddlersâ€™ Media Use Is Related to Sleeping Habits in Everyday Life in Italy. Frontiers in Psychology, 2021, 12, 589664.	2.1	10
78	Special issue on the content and context of early media exposure. Infant and Child Development, 2010, 19, 553-556.	1.5	9
79	The development of gaze following in monolingual and bilingual infants: A multiâ€laboratory study. Infancy, 2021, 26, 4-38.	1.6	9
80	Actions speak louder than words: Differences in memory flexibility between monolingual and bilingual 18â€monthâ€olds. Developmental Science, 2020, 23, e12881.	2.4	8
81	Meltdowns and media: Moment-to-moment fluctuations in young children's media use transitions and the role of children's mood states. Computers in Human Behavior, 2022, 136, 107360.	8.5	6
82	Infant Learning and Memory. , 0, , 139-168.		5
83	Only domain-specific imitation practice makes imitation perfect. Journal of Experimental Child Psychology, 2019, 177, 248-264.	1.4	5
84	The Natural Language Environment of 9-Month-Old Infants in Sweden and Concurrent Association With Early Language Development. Frontiers in Psychology, 2020, 11, 1981.	2.1	5
85	Applying computational modeling to assess ageâ€, sexâ€, and strategyâ€related differences in <i>Spin the Pots,</i> a working memory task for 2â€to 4â€yearâ€olds. Developmental Psychobiology, 2021, 63, 42-53.	1.6	4
86	Optimizing imitation: Examining cognitive factors leading to imitation, overimitation, and goal emulation in preschoolers. Journal of Experimental Child Psychology, 2021, 203, 105036.	1.4	4
87	Building Equitable Access and Inclusion for Children Growing up in the Digital Age. Policy Insights From the Behavioral and Brain Sciences, 2022, 9, 73-80.	2.4	4
88	Fine motor skills during early childhood predict visuospatial deductive reasoning in adolescence.. Developmental Psychology, 2022, 58, 1264-1276.	1.6	4
89	Defining bilingualism in infancy and toddlerhood: A scoping review. International Journal of Bilingualism, 2023, 27, 253-274.	1.2	4
90	Imitation as a learning mechanism and research tool: how does imitation interact with other cognitive functions?. Developmental Science, 2002, 5, 16-18.	2.4	3

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91	How self-generated labelling shapes transfer of learning during early childhood: The role of individual differences. British Journal of Developmental Psychology, 2019, 37, 68-83.	1.7	3
92	Patterns of mutual exclusivity and retention: A study of monolingual and bilingual 2-year-olds. Infancy, 2021, 26, 1011-1036.	1.6	3
93	Revisiting the effect of reminders on infants' media memories: Does the encoding format matter?. Developmental Psychology, 2013, 49, 2112-2119.	1.6	2
94	Editorial: Growing Up in a Digital World - Social and Cognitive Implications. Frontiers in Psychology, 2021, 12, 745788.	2.1	2
95	The apple doesn't fall far from the tree: introduction to the special issue in honor of Carolyn Rovee-Collier. Developmental Psychobiology, 2016, 58, 792-793.	1.6	1
96	Conclusions: Making Screens Make Sense for Young Children. , 2017, , 291-296.		1
97	Infant Learning in the Digital Age. , 2020, , 435-466.		1
98	Growing Up in the Digital Age: Early Learning and Family Media Ecology. , 0, .		1
99	Infant Learning and Memory. , 2012, , 1546-1550.		1
100	The development of the object sequencing imitation task to measure working memory in preschoolers. Journal of Experimental Child Psychology, 2022, 218, 105372.	1.4	1
101	Qualitative and quantitative aspects of child-directed parental talk and the relation to 2-year-old's developing vocabulary. Infancy, 2022, 27, 682-699.	1.6	1
102	Learning from Television During Early Childhood. , 2012, , 1869-1872.		0
103	Fathers, families, and physiology: Exploring the psychobiological context of fathering. Developmental Psychobiology, 2022, 64, e22267.	1.6	0