

VITAE

Filosofie doktor (PhD) 1973, Psykologi, Uppsala University, Sweden

Docent 1976, Samhällsvetenskapliga fakulteten, Uppsala University

POSITIONS

Lecturer Uppsala University, Sweden, 1973 - 1979

Reader Uppsala University, Sweden, 1979 - 1982

Senior lecturer Umeå University, Sweden, 1984 - 1995

Visiting Professor Inst. of Child Development, Univ. of Minnesota, 1982 - 1983

Research Fellow Center for Cognitive Science, MIT, 1983 - 1984

Professor, Psychology Umeå University, 1985 - 1997

Fellow Center for Advanced Study in the Behavioral Sciences, Stanford, 1988-1989

Visiting Professor, University of Virginia, Aug. 1997 – June 1999

Professor, Psychology especially Perception, Uppsala University, Sweden, 1998–2010.

HONORS

Fellow of the American Psychological Society, from Sept. 2009.

Honorary foreign member of the American Academy of Arts and Sciences (AAAS), from April. 2009.

The Kurt Koffka medal. Universität Giessen. Nov. 2008

The XVth Gibson Lecture, Cornell University, Feb. 2001

Honorary Doctor "Honoris Causa" at Université de Normandie, Normandie, Frankrike, maj 1996

Fellow at Center for Advanced Study in the Behavioral Sciences, Stanford, 1988-1989

Fellow at Center for Cognitive Studies, MIT, 1983

Northern Scholar, Edinburgh University, 1984 and 2003

EDITORSHIPS

Editor, **Scandinavian Journal of Psychology**, 1985-1988

Associate Editor, **Human Development**, 1997 - 2002

Associate Editor, **Ecological Psychology**, 1988 -1997

Editorial Board Member, **Human Movement Science**, 1983 - 1997

Editorial Board Member, **Cahiers de Psychologie Cognitive**, 1986 - 1992

Editorial Board Member, **Infant and Child Development**, 1990 - current

Editorial Board Member, **Journal of Motor Behavior**, 1982 - 1997

Action Editor, **Developmental Psychology**, 2006 - 2008

SCIENTIFIC ARTICLES

1. Eriksson, S. and von Hofsten, C. (1970). A study of perceptual systems in the perception of oscillating surfaces. **Department of Psychology, University of Uppsala, Report No. 96.**

2. Börjesson, E. and von Hofsten, C..(1972) Spatial determinants of depth perception in two-dot motion patterns. **Perception & Psychophysics**, **11**, 263 -268.
3. Börjesson, E. and von Hofsten, C..(1973) Visual perception of motion in depth: Application of a vector model to three-dot motion patterns. **Perception & Psychophysics**, **13**, 169 -179.
4. von Hofsten, C.. (1974). Proximal velocity change as a determinant of space perception. **Perception & Psychophysics**, **15**, 488 - 494.
5. von Hofsten, C. (1973) **Determinants of depth in motion patterns**. Dissertation, University of Uppsala, Sweden, 1973. (includes articles 1, 2, 3, and 4).
6. Börjesson, E. and von Hofsten, C. (1975) A vector model for perceived rotation and translation in space. **Psychological Research**, **38**, 209 - 230.
7. von Hofsten, C.. (1976). The role of convergence in visual space perception. **Vision Research**, **16**, 193 – 198.
8. von Hofsten, C.. (1977). Binocular convergence as a determinant of reaching behavior in infancy. **Perception**, **6**, 139 -144.
9. Börjesson, E. and von Hofsten, C. (1977) Effects of different motion characteristics on perceived motion in depth. **Scandinavian Journal of Psychology**, **18**, 203-208.
10. von Hofsten, C. (1979) Ballistic and visually guided reaching in infancy. Short reply to McDonnell. **Perception**, **8**, 235.
11. von Hofsten, C. (1979) Recalibration of the convergence system. **Perception**, **8**, 37 -42.
12. von Hofsten, C., and Lindhagen, K.(1979) Observations on the development of reaching for moving objects. **Journal of Experimental Child Psychology**, **28**, 158-173.
13. von Hofsten, C..(1979). Development of visually guided reaching: the approach phase. **Journal of Human Movement Studies**, **5**, 160-178.
14. von Hofsten, C. (1980) Predictive reaching for moving objects by human infants. **Journal of Experimental Child Psychology**, **30**, 369-382.
15. Johansson, G., von Hofsten, C., and Jansson, G. (1980) Event perception. **Annual Review of Psychology**, **31**, 27-63.
16. von Hofsten, C. (1980) Vad är perception? **Rörelse**, **25**, 2:17-21 (in Swedish).
17. Johansson, G., von Hofsten, C., and Jansson, G.(1980). Comments on Ullman's "Against direct perception." **Brain and Behavioral Sciences**, **3**, 388.
18. von Hofsten, C. and Lindhagen, K.(1980). Perception of occlusion in 4 1/2 month-old infants. **Infant Behavior and Development**, **2**, 215-226.
19. von Hofsten, C. (1982). Eye-hand coordination in newborns. **Developmental Psychology** , **18**, 450-461.
20. Forsström, A. and von Hofsten, C. (1982) Visually directed reaching for moving objects in children with motor impairments. **Developmental Medicine and Child Neurology**, **24**, 653-661.
21. von Hofsten, C..(1982). Tidig utveckling av öga-hand-koordination. In H. Forssberg (ed.) **Centralnervösa mekanismer för kontroll och dess ontogenes**. Stockholm: Folksam, 1983.(in Swedish).
22. von Hofsten, C..(1983). Foundations for perceptual development. In L. Lipsitt (Ed.), **Advances in Infant Research**, **Vol. 2** , Norwood, N.J.: Ablex Publishing Co., 1983.
23. von Hofsten, C. and Lee, D.N.(1982). Dialogue on Perception and Action. **Human Movement Science**, **1**, 125-138. Also in W.H. Warren (Ed.) **Persistence and Change**. Hillsdale, N.J.:Erlbaum, 1985.

24. von Hofsten, C.. (1983). Catching skills in infancy. **Journal of Experimental Psychology: Human Perception and Performance**, **9**, 75-85.
25. von Hofsten, C..(1984). Developmental changes in the organization of pre-reaching movements. **Developmental Psychology**, **20**, 378-388.
26. von Hofsten, C. and Fazel-Zandy, S.(1984). Development of visually guided hand orientation in reaching. **Journal of Experimental Child Psychology**, **38**, 208-219.
27. von Hofsten, C..(1985). Perception and Action. In M. Frese and J. Sabini (Eds.) **Goal Directed Behavior: The Concept of Action in Psychology**. Hillsdale, N.J.:Erlbaum.
28. von Hofsten, C. and Spelke, E.S. (1985) Object perception and object directed reaching in infancy. **Journal of Experimental Psychology: General**, **114**, 198 – 212.
29. Spelke, E.S. and von Hofsten, C. (1986) Do infants reach for perceived objects? A reply to Stiles-Davis. **Journal of Experimental Psychology: General**, **115**, 98 -100.
30. von Hofsten, C..(1986) The early development of the manual system. In Lindblom, B. and Zetterström, R. (Eds.), **Precursors of Early Speech**. Macmillan: Basingstoke, Hampshire.
31. Kellman, P.J., von Hofsten, C., and Soares, J. (1987) Concurrent motion in infant event perception. **Infant Behavior and Development**, **10**, 1-10.
32. von Hofsten, C. (1987) Catching. In H. Heuer and A.F. Sanders (Eds.) **Perspectives on Perception and Action**. Hillsdale, N.J.:Erlbaum.
33. von Hofsten, C. (1986) Early spatial perception taken in reference to manual action. **Acta Psychologica**, **63**, 323-335.
34. von Hofsten, C.. (1986) The emergence of manual skills. In M.G. Wade and H.T.R. Whiting (Eds.) **Motor Development in Children: Aspects of Coordination and Control**. Lancaster: Martinus Nijhoff Publishers.
35. von Hofsten, C. (1984) Visual guidance of arm movements in pre-reaching infants. Manuscript.
36. Spelke, E.S., von Hofsten, C., and Kestenbaum, R. (1989) Object perception and object-directed reaching in infancy: Interaction of spatial and kinetic information for object boundaries. **Developmental Psychology**, **25**, 185-196.
37. von Hofsten, C.. (1989) Transition mechanisms in sensorimotor development. In A de Ribaupierre (Ed.) **Transitional Mechanisms in Cognitive-Emotional Development**. Cambridge: Cambridge University Press.
38. Woollacott, M. H., von Hofsten, C., and Rösblad, B. (1988) Relation between muscle response onset and body segmental movements during postural perturbations in humans. **Experimental Brain Research**, **72**, 593-604.
39. von Hofsten, C. and Woollacott, M.H. (1987) Motor control is more than cognition. **Cahiers de Psychologie Cognitive**, **7**, 167-170.
40. von Hofsten, C. and Rönqvist, L. (1988) Preparation for grasping an object: A developmental study. **Journal of Experimental Psychology: Human Perception and Performance**, **14**, 610-621.
41. Rosengren, K., Pick, H.L., and von Hofsten, C. (1988) Role of visual information in ball catching. **Journal of Motor Behavior**, **20**, 150-164.
42. von Hofsten, C. and Rösblad, B. (1988) The integration of sensory information in the development of precise manual pointing. **Neuropsychologica**, **26**, 805-821.
43. von Hofsten, C. (1990) Early Development of grasping an object in space-time. In M. Goodale (Ed.) **Vision and Action: the control of grasping**. Norwood, N.J: Ablex. pp. 65-79.

44. von Hofsten, C. (1989) Mastering reaching and grasping: The development of manual skills in infancy. To be published in S.A. Wallace (Ed.) **Advances in Psychology. Perspectives on Coordination and Control**. Amsterdam: Elsevier. pp. 223-258.
45. von Hofsten, C. (1990) A perception-action approach to manual development. In M. Jeannerod (Ed.) **Attention & Performance XIII**. Hillsdale, N.J.: Erlbaum. pp. 739-762.
46. von Hofsten, C. (1989) The organization of arm and hand movements in the neonate. To be published in C von Euler (Ed.) **The neurobiology of early infant behavior**. London: MacMillan. pp. 129-142.
47. von Hofsten, C. (1990) Development of manipulatory action in infancy. In H.Bloch & B.Bertenthal (Eds.) **Sensory-Motor Organization and Development in Infancy and Early Childhood**. Dordrecht: Kluwer. pp. 273-283.
48. von Hofsten, C. (1989) Motor development as the development of systems. Comments on the special issue of *Developmental Psychology* on motor development. **Developmental Psychology**, **25**, 950-953.
49. von Hofsten, C. (1993) Studying the development of goal directed behavior. In L.Kalverboer & B.Hopkins (Eds.) **Motor Development in Early and Later Childhood: Longitudinal Approaches**. Cambridge University Press. pp. 109-124.
50. von Hofsten, C. and Siddiqui, A. (1993) Using the mother as a reference in exploring the world. **British Journal of Developmental Psychology**, **11**, 61-74.
51. von Hofsten,C., Rosengren,K., Pick,H.L., and Neely,G. (1992) The role of binocular vision in ball catching. **Journal of Motor Behavior**, **24**, 329-338.
52. Putaansuu, J. and von Hofsten, C. (1991) Infants' sensitivity to differential luminance as information about depth. **Scandinavian Journal of Psychology**, **32**, 144-153.
53. Watson, J., Banks, M., von Hofsten, C., and Royden,C.S. (1992) Gravity as a monocular cue for perception of absolute distance and/or absolute size. **Perception**, **21**, 69-76.
54. von Hofsten,C. (1991) Structuring of early reaching movements: A longitudinal study. **Journal of Motor Behavior**, **23**, 280-292.
55. Kellman, P.J. and von Hofsten, C. (1992) The world of the moving infant: Perception of motion, stability and space. In C. Rovee-Collier and L. Lipsitt (Eds) **Advances in Infant Research**, **vol.7**, Norwood, N.J.: Ablex Publishing Co, pp.147-184.
56. von Hofsten, C., Kellman, P.J. and Putaansuu, J. (1992) Young infants' sensitivity to motion parallax. **Infant Behavior and Development**, **15**, 245-264.
57. von Hofsten, C. (1992) .The gearing of early reaching to the environment. In G.E. Stelmach and J.Requin (eds.) **Tutorials in Motor Behavior II**. Amsterdam: North Holland.pp. 287-306.
58. von Hofsten, C. and Rönnqvist, L. (1993) Structuring of neonatal arm movements. **Child Development**, **64**, 1046-1057.
59. Rönnqvist, L. and von. Hofsten, C. (1994) Varieties and determinants of finger movements in neonates. **Early Development & Parenting**, **3**, 81-94.
60. Rösblad, B. and von Hofsten, C. (1992) Perceptual control of manual pointing in children with motor impairments. **Physiotherapy, Theory and Practice**, **8**, 223-233.
61. von Hofsten, C. (1992) Development of manual action from a perceptual perspective. To be published in H. Hirshfeld and H. Forssberg (Eds.) **Movement Disorders in Children. Medical Sport Sciences. Vol. 36** Basel: Karger, pp. 113-123.

62. von Hofsten, C. (1992) Hur uppfattar spädbarnet omvärlden och vad tänker det. In P.Hwang (Ed.) **Spädbarnets Psykologi**. Stockholm: Natur och Kultur. (in Swedish) pp. 65-84.
63. von Hofsten, C. (1993) Prospective control: A basic aspect of action development. **Human Development**, **36**, 253-270.
64. von Hofsten, C. and Lee, D.N. (1994) Measuring with the optical sphere. In G.Jansson, S.S. Bergström, and W. Epstein (Eds.) **Perceiving Events and Objects**. Hillsdale, N.J.: Erlbaum. pp. 455-467.
65. von Hofsten, C. (1997) Motor Development and Skill Acquisition. In T. Husén and T. N. Postlethwaite. **Encyclopedia of Pedagogical Sciences**. Pergamon Press.
66. von Hofsten, C. (1995) Planning and perceiving what is going to happen next. In M.Haith, J. Benson, R.Roberts, & B. Pennington (Eds.) **The development of future oriented processes**. Chicago: University of Chicago press. pp. 63-86.
67. Rösblad, B. and von Hofsten, C. (1994) the control of repetitive goal directed arm movements in children with developmental coordination disorders. **Adapted Physical Activity Quarterly**, **11**, 190-202. (Special issue on "clumsiness" in children).
68. Spelke, E.S., Vishton, P. and von Hofsten, C. (1995) Object perception, object-directed action, and physical knowledge in Infancy. In M. Gazzaniga (Ed.) **The Cognitive Neurosciences**. Cambridge, Mass: MIT press. pp. 165-179.
69. Savelsbergh, G., von Hofsten, C., and Jonsson, B. (1997) The coupling of head movements and the reaching and grasping components of arm movements in 9-month-old infants. **Scandinavian Journal of Psychology**, **38**, 325-334.
70. von Hofsten, C., Vishton, P., Spelke, E.S., Feng, Q., and Rosander, K. (1998) Predictive action in infancy: Tracking and reaching for moving objects. **Cognition**, **67**, 255-285.
71. von Hofsten, C. and Rosander, K. (1996) The development of gaze control and predictive tracking in young infants. **Vision Research**, **36**, 81-96.
72. von Hofsten, C. (1997) On the early development of predictive abilities. In C. Dent and P. Zukow-Goldring (Eds.) **Evolving Explanations of Development: Ecological approaches to Organism-Environmental Systems**. pp. 163-194.
73. von Hofsten, C. and Rosander, K. (1998) The establishment of gaze control in early infancy. In Butterworth, G. and Simion, F. (Eds.) **The Development of Sensory, Motor, and Cognitive Capacities in Early Infancy: From sensation to Cognition**. pp. 49 - 66.
74. Lee, D.N. and von Hofsten, C., and Cotton, E. (1997) Perception Action Approach to Cerebral Palsy. In C. Connolly, C. and Forssberg, H. (Eds.) **Neurophysiology and Psychology of Motor Development. Clinics in Developmental Medicine**. pp. 257 - 285.
75. von Hofsten, C and Rosander, K. (1997) Development of smooth pursuit tracking in young infants. **Vision Research**, **37**, 1799-1810.
76. von Hofsten, C. (1998) The early development of visual perception and its relation to action and cognition. In M. Sabourin, F. Craik, and M. Robert (Eds.) **Advances in Psychological Science. Vol. 2: Biological and Cognitive Aspects**. Hove, UK: Psychological Press. pp. 483 - 502.
77. Bertenthal, B. and von Hofsten, C. (1998) Eye, head and trunk control: The foundation for manual development. **Neuroscience and Biobehavioral Reviews**, **22**, 515-520.
78. Rogoff, B. and von Hofsten, C. (1997) Editorial. **Human Development**, **40**, 1-6.

79. von Hofsten, C. (2001) On the early development of perception, action and cognition. In F. Lacerda, C. von Hofsten and M. Heimann (Eds.) **Emerging Cognitive abilities in early infancy**. Hillsdale, N.J.: Erlbaum.
80. Andersson, P and von Hofsten, C. (1999) Readability of vertically vibrating aircraft displays. **Displays**, **20**, 23-30.
81. von Hofsten, C. Feng, Q., and Spelke, E.S. (2000) Object representation and predictive action in infancy. **Developmental Science**, **3**, 193-205.
82. Rosander, K. and von Hofsten, C. (2000) Visual-vestibular interaction in early infancy. **Experimental Brain Research**, **133**, 321-333. .
83. Achard, B. and von Hofsten, C. (2002) Development of Infants' ability to feed themselves through an aperture. **Infant and Child Development**, **11**, 43-56.
84. Jonsson, B. and von Hofsten, C.(2003) Infants ability to track and reach for temporarily occluded objects. **Developmental Science**, **6**, 88-101.
85. Spelke, E. S. and von Hofsten, C. (2001) Predictive Reaching for Occluded Objects By Six-Month-Old Infants. **Journal of Cognition and Development**, **2**, 261-282.
86. von Hofsten, C. (2003) On the development of perception and action. In J. Valsiner and K. J. Connolly (Eds.) **Handbook of Developmental Psychology**. London: Sage. pp: 114-140.
87. Witherington, D. C., von Hofsten, C., Rosander K., Robinette, A. Woollacott, M. H., and Bertenthal, B. I. (2002) The Development of Anticipatory Postural Adjustments in Infancy. **Infancy**, **3**, 495-517.
88. Gredebäck, G., von Hofsten, C. and Boudreau, P. (2002) Infants' tracking of continuous circular motion and circular motion interrupted by occlusion. **Infant Behavior and Development**, **144**, 1-21.
89. Rosander, K. and von Hofsten, C. (2002) Development of gaze tracking of small and large objects. **Experimental Brain Research**, **146**, 257-264.
90. Bäckman, L. and von Hofsten, C. (Eds.) (2002). **Psychology at the Turn of the Millennium: Volume 1: Cognitive, Biological, and Health Perspectives**. London: Psychology press.
91. von Hofsten, C. and Bäckman, L. (Eds.) (2002). **Psychology at the Turn of the Millennium: Volume 2: Social, Developmental, and Clinical Perspectives**. London: Psychology press.
92. Lin, L., Dong, Q., Sun, Y., & von Hofsten, C. (2001) Comparison of Chopstick Using Skills between 3-7 Year-Old Children and Adults (Article written in chinese). **Acta Psychologica Sinica**, **33**, 231-237.
93. Li, B., Lin, L., Dong, Q., & von Hofsten, C. (2002) The Development of Fine Motors and Their Relations to Children's Academic Achievement (Article written in chinese). **Acta Psychologica Sinica**, **34**, 494-499.
94. Rosander, R. and von Hofsten, C. (2004) Infants' emerging ability to represent object motion. **Cognition**, **91**, 1-22.
95. Gredebäck, G. and von Hofsten, C. (2004) Infants' evolving representation of moving objects between 6 and 12 months of age. **Infancy**, **6**, 165-184.
96. von Hofsten, C. (2004) An action perspective on motor development. **Trends in Cognitive Science**, **8**, 266-272.
97. von Hofsten, C. (2005) The development of prospective control in looking. In J. Lockman and J. Rieser (Eds.) **Action as an Organizer of Perception and Cognition during Learning and Development. Minnesota symposium on Child Psychology. Vol 33**.
98. von Hofsten, C. (2005) Development of prehension. In B. Hopkins (Ed.) **Cambridge Encyclopedia of Child Development**.

99. Gredebäck, G., von Hofsten, C., Karlsson, J., and Aus, K. (2005) The development of two-dimensional tracking: A longitudinal study of circular visual pursuit. **Experimental Brain Research**, **163**, 204 – 213.
100. Eriksson, L. and von Hofsten, C. (2005) Effects of Visual Flow Display of Flight Maneuvers on Perceived Spatial Orientation. **Human Factors**, **47**, 378-393.
101. von Hofsten, C., Dahlström, E., & Fredriksson, Y. (2005) 12-month-old infants' perception of attention direction in static video images. **Infancy**, **8**, 217-231.
102. von Hofsten, C., Kochukhova, O., & Rosander, K. (2007) Predictive occluder tracking in 4-month-old infants. **Developmental Science**, **10**, 625-640.
103. Rosander, K., Nyström, P, Gredebäck, G., & von Hofsten, C. (2007) Cortical processing of visual motion in infants. **Vision Research**, **47**, 1614-1623.
104. Grönqvist, H., Gredebäck, G., & von Hofsten, C. (2006) Developmental Asymmetries between Horizontal and Vertical Tracking. **Vision Research**, **46**, 1754-1761.
105. Örnkloo, H. & von Hofsten, C. (2007) Fitting objects into holes: on the development of spatial cognition skills. **Developmental Psychology**, **43**, 403-416.
106. Gredebäck, G., Örnkloo, H., & von Hofsten, C. (2006) The development of reactive saccade latencies. **Experimental Brain Research**, **173**, 159-164.
107. Falck-Ytter, T., Gredebäck, G., & von Hofsten, C. (2006) Infants predict other people's action goals. **Nature Neuroscience**, **9**, 878 – 879.
108. von Hofsten, C. (2007) Action in Development. **Developmental Science**, **10**, 54–60.
109. von Hofsten, C. & Gredebäck, G. (2009) The role of looking in social development. In V Reid & T. Striano (Eds.) **Interpreting People through Brain and Behavior**. Blackwell, pp. 237-253.
110. Örnkloo, H. & von Hofsten, C. (2009) Infants' ability to solve spatial choice problems. **European Journal of Developmental Psychology**, **6**, 685-704.
111. Gredebäck, G. & von Hofsten, C. (2007) Taking an Action Perspective on Infant's Object Representations. **Progress in Brain Research: From Action to Cognition**, (C.von Hofsten, & K. Rosander, Eds.) pp. 265 -282
112. von Hofsten, C. & Rosander, K. (Eds.) (2007) **Progress in Brain Research: From Action to Cognition**. Elsevier.
113. von Hofsten, C. (2007) Motor development from an action perspective. In M.M.Haith & J.B. Benson (Eds.) **Encyclopedia of Infant and Early Childhood Development**. Elsevier. pp. 374 – 384.
114. von Hofsten, C. (2007) Ideas on the development and control of actions. In Pepping & Grealy (Eds.) **Closing the Gap: The Scientific Writings of David N. Lee**. pp. 199-203.
115. Gredebäck, G., Stasiewicz, D., Falck-Ytter, T., Rosander, K., & von Hofsten, C. (2009) Functionality is important for action understanding: An eye tracking study of infant's online assessment of manual actions. **Developmental Psychology**, **45**, 1190-1194..
116. Shutts, K. B., Örnkloo, H., von Hofsten, C. Keen, R., & Spelke, E.S. (2009) Young Children's Representations of Spatial and Functional Relationships between Objects. **Child Development**. **80**, 1612 – 1627.
117. Chen, Y, Keen, R., Rosander, K., & von Hofsten, C. (2010) Task demands affect infants' reaching kinematics. **Child Development**, **81**, 1846-1858.
118. Kato, M., de Wit, T.C.J., Stasiewicz, D., & von Hofsten, C. (2008) Sensitivity to second order motion in 10-month-olds. **Vision Research**, **48**, 1187-1195.

119. deWit, T., Falck-Ytter, T., von Hofsten, C. (2008) Young children with Autism Spectrum Disorder look differently at positive versus negative emotional faces. **Research in Autism Spectrum Disorders**, **2**, 651–659.
120. Fagard J., Spelke E.S., & von Hofsten C. (2009) Reaching and grasping a moving object in 6-, 8-, and 10-month olds: laterality aspects. **Infant Behavior and Development**, **34**, 137-146.
121. Nyström, P., Ljunghammar, T., Rosander, K. & von Hofsten, C. (2010) Using mu rhythm perturbations to measure mirror neuron activity in infants. **Developmental Science**, **14**, 327-335.
122. Eriksson, L., von Hofsten, C., Tribukait, O., Andersson P., Hedström J., & Eiken, O. (2008) Visual Flow Scene Effects on the Somatogravic Illusion in Non-Pilots. **Aviation and environmental medicine**, **79**, 860-866.
123. Hespos, S., Gredebäck, G., von Hofsten C., & Spelke, E.S (2009). Occlusion is hard: Comparing predictive reaching for visible and hidden objects in infants and adults. **Cognitive Science**, **33**, 1483–1502.
124. Falck-Ytter, T., Fernell, E., Gillberg, C., & von Hofsten, C. (2010) Face scanning distinguishes social and communication impairments in autism. **Developmental Science**, **13**, 864-875.
125. von Hofsten, C., Uhlig, H., Adell, M., & Kochukhova, O. (2009) How children with autism look at events. **Research in Autism Spectrum Disorders**, **3**, 556 - 569.
126. Wattam-Bell, J., Birtles, D., Nyström, P., von Hofsten, C., Rosander, K., Anker, S., Atkinson, J., & Braddick, O. (2010) Form and motion VERPs in adults and infants. **Current Biology**, **20**, 411–415.
127. Hunnius, S., de Wit, T.C.J., Vrins, S. & von Hofsten, C. (2010) Facing threat: Infants' and adults' visual scanning of faces with neutral, happy, sad, angry, and fearful emotional expressions. **Cognition & Emotion**, **25**, 193-205.
128. von Hofsten, C. and Johansson K. (2009) Planning to reach for a rotating rod: Developmental aspects. **Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie**, **41**, 207 - 213.
129. von Hofsten, C. (2009) Action, the foundation for cognitive development. **Scandinavian Journal of Psychology**, **50**, 617-623.
130. Johnson, S., von Hofsten, C., & Gredebäck, G. (2009) Eye tracking in infancy research. **Developmental Neuropsychology**, **35**, 1–19.
131. Lopes M., Bernardino, A., Santos-Victor, J., Rosander, K., and von Hofsten, C. (2009) Biomimetic Eye-Neck Coordination, **ICDL 2009**.
132. Metta, G., Natale, L., Nori, F., Sandini, G., Vernon, D., Fadiga, L., von Hofsten, C., Rosander, K., Lopes, M., Santos-Victor, J., Bernardino, A., & Montesano, L., (2010), The *iCub* Humanoid Robot: An Open-Systems Platform for Research in Cognitive Development. **Neural Networks**, **23**, 1125-1134.
133. Vernon, D., Fadiga, L., & Von Hofsten, C (2010). **A Roadmap for Cognitive Development in Humanoid Robots**. Berlin: Springer (227 pages).
134. Watanabe H., Forssman L., Green D., Bohlin, G. & von Hofsten, C. (2010) Attention Demands Influence 10- and 12-Month-Old Infants' Perseverative Behavior. **Developmental Psychology**, in press.
135. Bakker, M., Kochukhova, O., von Hofsten, C. (2010) Development of social perception: a conversation study of 6-, 12- and 36-month-old children. **Infant Behavior and development**, **34**, 363-370.
136. Grönqvist, H., Strand-Brodd, K., von Hofsten, C. (2010) Reaching strategies of very preterm infants at 8 months corrected age. **Experimental Brain Research**, **209**, 225-233.

137. Strand Brodd K, Ewald U, Grönqvist H, Holmström G, Strömberg B, Von Hofsten C, et al. (2011) Development of Smooth Pursuit Eye Movements in very prematurely born infants: 1. General aspects. **Acta Paediatrica**, 100, 983-991.
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139. Falck-Ytter, T., Bakker, M., von Hofsten, C. (2011) Human infants orient to biological motion rather than audiovisual synchrony. **Neuropsychologia**, 49, 2131-2135.
140. Falck-Ytter, T., von Hofsten, C. (2011) *How special is social looking in ASD: A selective review.* **Progress in Brain Research**, in press.
141. Cannon, E.N. Woodward, A.L, Gredebäck G., von Hofsten, C., & Turek, C. (2011) Action production influences 12-month-old infants' action anticipation. **Developmental Science**, in press.
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