

کې کې کې لر

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(W, C, &, 2012, 2014; X, 2010). F, V

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(H & S , 2014; , 2015).Τ VPL . T VPL (..., D & L . 1998: M & D , 1996)., 2010). O $_{-}$, 2014) 2015). L . (2015) (n = 6)

± 0.16. H TI

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Ci a ion: Zhang, J.-Y., & Y., C. (2016). The ran fer of mo ion direction learning of an opposite direction enabled by do ble raining: A replace of Liange et al. (2015). *Journal of Vision*, 16(3):29, 1-4, doi:10.1167/16.3.29.

doi: 10.1167/16.3.29

2014). O

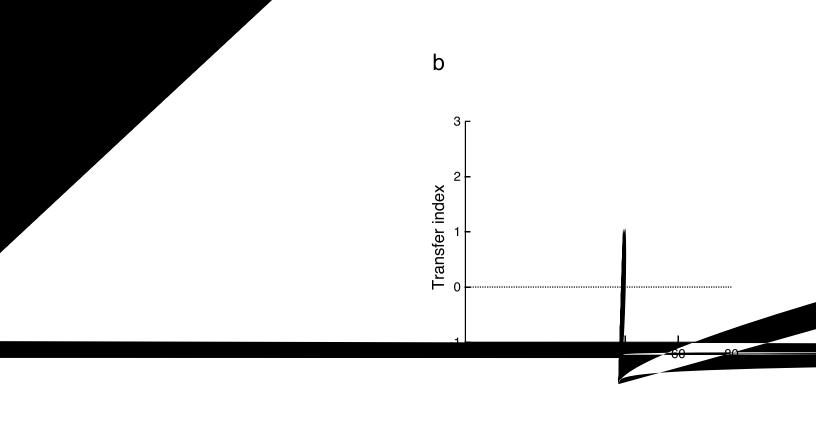
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- B , K., & S , R. (1982). A

 Science, 218(4573), 697-698.
- D , B. A., & L , . L. (1998). P

 . Proceedings of the National Academy of Sciences, USA, 95(23), 13988 13993.
- K , A., & S , D. (1991). W : E . Proceedings of the National Academy of Sciences, USA, 88(11), 4966 4970.
- L , J., F , M., & L , . (2015). S

 . Journal of Vision, 15(10):3,
- 1 10, :10.1167/15.10.3. P M A

 M , T., G , J., P , D., &

 T , M. (2015). L
 : P

Vision Research, 108, 93 102.

- M , J. D., & D , M. V. (1996). T . Spatial Vision, 10(1), 51 58.
- S , A., V , R., & O , G. A. (1995).

 H : R ,

 Journal of Physiology,

 483(P 3), 797 810.

W _, R., C _, L. J., & , C. (2013). T

TDT

... Journal of Vision, 13(5):9, 1 9, :10.
1167/13.5.9. P M A

X , L. Q., __, J. _, W __, R., K __, S. A., L __, D. M., & , C. (2008). C

. Current Biology, 18(24), 1922

1926.

X ., ., X , X. ., & , C. (2016). L

. Vision Research, 119, 9 15.

., J. ., C ., L. J., K , S. A., L , , D. M., & , C. (2014). P

. Investigative Ophthalmology & Visual Science, 55(4), 2020 2030. P M A

., J. ., & ., . X. (2014). P

TPE . Vision

Research, 99, 93 98.

_ , J. _ , G. L., X , L. Q., K , S. A., L , D. M., & , C. (2010). R -

Journal of Neuroscience, 30(37),