

## Publications for Bart Anderson

### 2018

Anderson, B., Burr, D. (2018). Visual Perception: To Curve or Not to Curve. *Current Biology*, 28(4), R150-R152. <a href="http://dx.doi.org/10.1016/j.cub.2018.01.037">[More Information]</a>

### 2017

Marlow, P., Kim, J., Anderson, B. (2017). Perception and misperception of surface opacity. *Proceedings of the National Academy of Sciences of the United States of America*, 114(52), 13840-13845. <a href="http://dx.doi.org/10.1073/pnas.1711416115">[More Information]</a>

Schmid, A., Anderson, B. (2017). Perceptual dimensions underlying lightness perception in homogeneous center-surround displays. *Journal of Vision*, 17(2), 1-20. <a href="http://dx.doi.org/10.1167/17.2.6">[More Information]</a>

Ratnasingam, S., Anderson, B. (2017). What predicts the strength of simultaneous color contrast. *Journal of Vision*, 17(2), 1-17. <a href="http://dx.doi.org/10.1167/17.2.13">[More Information]</a>

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Marlow, P., Anderson, B. (2016). Motion and texture shape cues modulate perceived material properties. *Journal of Vision*, 16(1), 1-14. <a href="http://dx.doi.org/10.1167/16.1.5">[More Information]</a>

### 2015

Anderson, B. (2015). Bart Anderson. *Current Biology*, 25(15), R640-R642. <a href="http://dx.doi.org/10.1016/j.cub.2015.06.041">[More Information]</a>

Anderson, B. (2015). Can Computational Goals Inform Theories of Vision? *Topics in Cognitive Science*, 7(2), 274-286. <a href="http://dx.doi.org/10.1111/tops.12136">[More Information]</a>

Marlow, P., Todorovic, D., Anderson, B. (2015). Coupled computations of three-dimensional shape and material. *Current Biology*, 25(6), R221-R222. <a href="http://dx.doi.org/10.1016/j.cub.2015.01.062">[More Information]</a>

Marlow, P., Anderson, B. (2015). Material properties derived from three-dimensional shape representations. *Vision Research*, 115, 199-208. <a href="http://dx.doi.org/10.1016/j.visres.2015.05.003">[More Information]</a>

Anderson, B. (2015). The perceptual representation of transparency, lightness, and gloss. In Johan Wagemans (Eds.), *The Oxford Handbook of Perceptual Organization*, (pp. 1-16). Oxford: Oxford University Press. <a href="http://dx.doi.org/10.1093/oxfordhb/9780199686858.013.030">[More Information]</a>

Ratnasingam, S., Anderson, B. (2015). The role of chromatic variance in modulating color appearance. *Journal of Vision*, 15(5), 1-12. <a href="http://dx.doi.org/10.1167/15.5.19">[More Information]</a>

Anderson, B. (2015). Where does fitness fit in theories of perception? *Psychonomic Bulletin and Review*, 22, 1507-1511. <a href="http://dx.doi.org/10.3758/s13423-014-0748-5">[More Information]</a>

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Kim, J., Jeng, K., Anderson, B. (2014). Amodal completion is modulated by lightness similarity. *Attention, Perception, and Psychophysics*, 76(1), 98-111. <a href="http://dx.doi.org/10.3758/s13414-013-0540-z">[More Information]</a>

Schmid, A., Anderson, B. (2014). Do surface reflectance properties and 3-D mesostructure influence the perception of lightness? *Journal of Vision*, 14(8)(24), 1-24. <a href="http://dx.doi.org/10.1167/14.8.24">[More Information]</a>

Anderson, B., Whitbread, M., de Silva, C. (2014). Lightness, brightness, and anchoring. *Journal of Vision*, 14(9), 1-13. <a href="http://dx.doi.org/10.1167/14.9.7">[More Information]</a>

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Anderson, B. (2013). Filling-in the gaps in models of completion. *Cognitive Neuroscience*, 4(1), 48-49. <a href="http://dx.doi.org/10.1080/17588928.2012.748023">[More Information]</a>

Marlow, P., Anderson, B. (2013). Generative constraints on image cues for perceived gloss. *Journal of Vision*, 13(14), 1-23. <a href="http://dx.doi.org/10.1167/13.14.2">[More Information]</a>

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## 2008

Anderson, B., Winawer, J. (2008). Layered image representations and the computation of surface lightness. *Journal of Vision*, 8(7 Article 18), 1-22. <a href="http://dx.doi.org/10.1167/8.7.18">[More Information]</a>

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