

# Kaida Xiao

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

436  
citations

13  
h-index

19  
g-index

60  
ext. papers

600  
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3.7  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 46 | Developing a 3D colour image reproduction system for additive manufacturing of facial prostheses. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2014</b> , 70, 2043-2049 | 3.2 | 43        |
| 45 | Characterising the variations in ethnic skin colours: a new calibrated data base for human skin. <i>Skin Research and Technology</i> , <b>2017</b> , 23, 21-29                                    | 1.9 | 35        |
| 44 | The achromatic locus: effect of navigation direction in color space. <i>Journal of Vision</i> , <b>2014</b> , 14,   | 0.4 | 34        |
| 43 | Accurate method for computing correlated color temperature. <i>Optics Express</i> , <b>2016</b> , 24, 14066-78  | 3.3 | 29        |
| 42 | Improved method for skin reflectance reconstruction from camera images. <i>Optics Express</i> , <b>2016</b> , 24, 14934-50  | 3.5 | 28        |
| 41 | Color reproduction for advanced manufacture of soft tissue prostheses. <i>Journal of Dentistry</i> , <b>2013</b> , 41 Suppl 5, e15-23   | 4.8 | 27        |
| 40 | Gamut Volume Index: a color preference metric based on meta-analysis and optimized colour samples. <i>Optics Express</i> , <b>2017</b> , 25, 16378-16391  | 3.3 | 26        |
| 39 | Investigation of colour size effect for colour appearance assessment. <i>Color Research and Application</i> , <b>2011</b> , 36, 201-209   | 1.3 | 18        |
| 38 | Spectra estimation from raw camera responses based on adaptive local-weighted linear regression. <i>Optics Express</i> , <b>2019</b> , 27, 5165-5180  | 3.3 | 17        |
| 37 | Colour appearance of room colours. <i>Color Research and Application</i> , <b>2010</b> , 35, 284-293  | 1.3 | 16        |
| 36 | Unique hue data for colour appearance models. Part I: Loci of unique hues and hue uniformity. <i>Color Research and Application</i> , <b>2011</b> , 36, 316-323                                   | 1.3 | 14        |
| 35 | Visual gamma correction for LCD displays. <i>Displays</i> , <b>2011</b> , 32, 17-23   | 3.4 | 13        |
| 34 | Colour-opponent mechanisms are not affected by age-related chromatic sensitivity changes. <i>Ophthalmic and Physiological Optics</i> , <b>2010</b> , 30, 653-9                                    | 4.1 | 13        |
| 33 | Colour quality of facial prostheses in additive manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 96, 881-894                                      | 3.2 | 11        |
| 32 | Chromatic and luminance sensitivity for skin and skinlike textures. <i>Journal of Vision</i> , <b>2019</b> , 19, 13   | 0.4 | 10        |
| 31 | An investigation into the variability of skin colour measurements. <i>Color Research and Application</i> , <b>2018</b> , 43, 458-470  | 1.3 | 10        |
| 30 | Colour size effect modelling. <i>Color Research and Application</i> , <b>2012</b> , 37, 4-12  | 1.3 | 10        |

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| 29 | Spectrophotometric measurement of human skin colour. <i>Color Research and Application</i> , <b>2017</b> , 42, 764-774  |     | 8 |
| 28 | Unique hue data for colour appearance models. Part II: Chromatic adaptation transform. <i>Color Research and Application</i> , <b>2013</b> , 38, 22-29  | 1.3 | 7 |
| 27 | A comprehensive model of colour appearance for related and unrelated colours of varying size viewed under mesopic to photopic conditions. <i>Color Research and Application</i> , <b>2017</b> , 42, 293-304 | 1.3 | 6 |
| 26 | Predicting visual similarity between colour palettes. <i>Color Research and Application</i> , <b>2020</b> , 45, 401-408   | 1.3 | 5 |
| 25 | A colorimetric comparison of sunless with natural skin tan. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233816  | 3.7 | 5 |
| 24 | Accurate and Computational: A review of color reproduction in Full-color 3D printing. <i>Materials and Design</i> , <b>2021</b> , 209, 109943   | 8.1 | 5 |
| 23 | Improved computation of the adaptation coefficient in the CIE system of mesopic photometry. <i>Optics Express</i> , <b>2017</b> , 25, 18365-18377   | 3.3 | 4 |
| 22 | Unique hue data for colour appearance models. Part III: Comparison with NCS unique hues. <i>Color Research and Application</i> , <b>2015</b> , 40, 256-263  | 1.3 | 4 |
| 21 | A colour image reproduction framework for 3D colour printing <b>2016</b> ,  |     | 4 |
| 20 | Colour management system for displaying microscope images. <i>Displays</i> , <b>2012</b> , 33, 214-220  | 3.4 | 3 |
| 19 | Blue-green color categorization in Mandarin-English speakers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2012</b> , 29, A102-7                           | 1.8 | 3 |
| 18 | Estimating discrimination ellipsoids for skin images. <i>Journal of Vision</i> , <b>2015</b> , 15, 820  | 0.4 | 2 |
| 17 | Color quality assessments of 3D facial prostheses in varying illuminations. <i>Journal of Vision</i> , <b>2017</b> , 17, 138  | 0.4 | 2 |
| 16 | Theoretical consideration on convergence of the fixed-point iteration method in CIE mesopic photometry system MES2. <i>Optics Express</i> , <b>2018</b> , 26, 31351-31362                                   | 3.3 | 2 |
| 15 | Investigating unique hues at different chroma levels with a smaller hue angle step. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2020</b> , 37, 671-679    | 1.8 | 2 |
| 14 | Colour Image Reproduction for 3D Printing Facial Prostheses <b>2016</b> ,   |     | 2 |
| 13 | Skin color measurements before and after two weeks of sun exposure. <i>Vision Research</i> , <b>2021</b> , 192, 107976  |     | 1 |
| 12 | Skin coloration is a culturally-specific cue for attractiveness, healthiness, and youthfulness in observers of Chinese and western European descent. <i>PLoS ONE</i> , <b>2021</b> , 16, e0259276           | 3.7 | 1 |

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| 11 | The Colour Shifting of Measuring Human Skin Colour Use Different Instruments. <i>Lecture Notes in Electrical Engineering</i> , <b>2016</b> , 9-15                     | 0.2 | 1 |
| 10 | Optimization of Maxillofacial Prosthesis <b>2020</b> ,  |     | 1 |
| 9  | Color-difference evaluation for 3D objects. <i>Optics Express</i> , <b>2021</b> , 29, 24237-24254   | 3.3 | 1 |
| 8  | Characterisation of skin spectra in a Caucasian and Oriental sample. <i>IS&amp;T International Symposium on Electronic Imaging</i> , <b>2016</b> , 2016, 1-4          | 1   | 1 |
| 7  | Unique hue judgments using saturated and desaturated Munsell samples under different light sources. <i>Color Research and Application</i> , <b>2019</b> , 44, 419-425 | 1.3 | 1 |
| 6  | Assessing skin tone heterogeneity under various light sources <b>2020</b> , 2020, 5-9   |     | 0 |
| 5  | "Fake Tan" or "Fake News"?. <i>I-Perception</i> , <b>2020</b> , 11, 2041669520915734  | 1.2 | 0 |
| 4  | Color Vision, Opponent Theory <b>2016</b> , 413-418   |     |   |
| 3  | Evidence for at least four colour appearance mechanisms. <i>Journal of Vision</i> , <b>2017</b> , 17, 651   | 0.4 |   |
| 2  | Characterizing skin color before and after 100-m sprinting. <i>Color Research and Application</i> , <b>2021</b> , 46, 1255.3  |     |   |
| 1  | An extension to the CAM16 colour appearance model to predict the size effect. <i>Color Research and Application</i> , <b>2021</b> , 46, 740-748                       | 1.3 |   |