Kaida Xiao

List of Publications by Year in Descending Order

46 papers	436 citations	13 h-index	19 g-index
60 ext. papers	600 ext. citations	2 avg, IF	3.7 L-index

#	Paper	IF	Citations
46	Skin color measurements before and after two weeks of sun exposure. *Vision Research*, **2021**, 192, 107976	2.1	1
45	Skin coloration is a culturally-specific cue for attractiveness, healthiness, and youthfulness in observers of Chinese and western European descent. *PLoS ONE*, **2021**, 16, e0259276	3.7	1
44	Characterizing skin color before and after 100-m sprinting. *Color Research and Application*, **2021**, 46, 1255	1.3	
43	Color-difference evaluation for 3D objects. *Optics Express*, **2021**, 29, 24237-24254	3.3	1
42	Accurate and Computational: A review of color reproduction in Full-color 3D printing. *Materials and Design*, **2021**, 209, 109943	8.1	5
41	An extension to the CAM16 colour appearance model to predict the size effect. *Color Research and Application*, **2021**, 46, 740-748	1.3	
40	Predicting visual similarity between colour palettes. *Color Research and Application*, **2020**, 45, 401-408	1.3	5
39	A colorimetric comparison of sunless with natural skin tan. *PLoS ONE*, **2020**, 15, e0233816	3.7	5
38	Investigating unique hues at different chroma levels with a smaller hue angle step. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2020**, 37, 671-679	1.8	2
37	Assessing skin tone heterogeneity under various light sources **2020**, 2020, 5-9		0
36	Optimization of Maxillofacial Prosthesis **2020**,		1
35	"Fake Tan" or "Fake News"?. *I-Perception*, **2020**, 11, 2041669520915734	1.2	0
34	Chromatic and luminance sensitivity for skin and skinlike textures. *Journal of Vision*, **2019**, 19, 13	0.4	10
33	Spectra estimation from raw camera responses based on adaptive local-weighted linear regression. *Optics Express*, **2019**, 27, 5165-5180	3.3	17
32	Unique hue judgments using saturated and desaturated Munsell samples under different light sources. *Color Research and Application*, **2019**, 44, 419-425	1.3	1
31	An investigation into the variability of skin colour measurements. *Color Research and Application*, **2018**, 43, 458-470	1.3	10
30	Colour quality of facial prostheses in additive manufacturing. *International Journal of Advanced Manufacturing Technology*, **2018**, 96, 881-894	3.2	11

#	Reference	IF	Cites
29	Theoretical consideration on convergence of the fixed-point iteration method in CIE mesopic photometry system MES2. *Optics Express*, **2018**, 26, 31351-31362	3.3	2
28	Characterising the variations in ethnic skin colours: a new calibrated data base for human skin. *Skin Research and Technology*, **2017**, 23, 21-29	1.9	35
27	Spectrophotometric measurement of human skin colour. *Color Research and Application*, **2017**, 42, 764-774	1.3	8
26	A comprehensive model of colour appearance for related and unrelated colours of varying size viewed under mesopic to photopic conditions. *Color Research and Application*, **2017**, 42, 293-304	1.3	6
25	Gamut Volume Index: a color preference metric based on meta-analysis and optimized colour samples. *Optics Express*, **2017**, 25, 16378-16391	3.3	26
24	Improved computation of the adaptation coefficient in the CIE system of mesopic photometry. *Optics Express*, **2017**, 25, 18365-18377	3.3	4
23	Color quality assessments of 3D facial prostheses in varying illuminations. *Journal of Vision*, **2017**, 17, 138	0.4	2
22	Evidence for at least four colour appearance mechanisms. *Journal of Vision*, **2017**, 17, 651	0.4	
21	The Colour Shifting of Measuring Human Skin Colour Use Different Instruments. *Lecture Notes in Electrical Engineering*, **2016**, 9-15	0.2	1
20	Color Vision, Opponent Theory **2016**, 413-418		
19	Characterisation of skin spectra in a Caucasian and Oriental sample. *IS&T International Symposium on Electronic Imaging*, **2016**, 2016, 1-4	1	1
18	Accurate method for computing correlated color temperature. *Optics Express*, **2016**, 24, 14066-78	3.3	29
17	Improved method for skin reflectance reconstruction from camera images. *Optics Express*, **2016**, 24, 14934-50	3.3	28
16	Colour Image Reproduction for 3D Printing Facial Prostheses **2016**,		2
15	A colour image reproduction framework for 3D colour printing **2016**,		4
14	Unique hue data for colour appearance models. Part III: Comparison with NCS unique hues. *Color Research and Application*, **2015**, 40, 256-263	1.3	4
13	Estimating discrimination ellipsoids for skin images. *Journal of Vision*, **2015**, 15, 820	0.4	2
12	Developing a 3D colour image reproduction system for additive manufacturing of facial prostheses. *International Journal of Advanced Manufacturing Technology*, **2014**, 70, 2043-2049	3.2	43

11	The achromatic locus: effect of navigation direction in color space. *Journal of Vision*, **2014**, 14,	0.4	34
10	Unique hue data for colour appearance models. Part II: Chromatic adaptation transform. *Color Research and Application*, **2013**, 38, 22-29	1.3	7
9	Color reproduction for advanced manufacture of soft tissue prostheses. *Journal of Dentistry*, **2013**, 41 Suppl 5, e15-23	4.8	27
8	Colour size effect modelling. *Color Research and Application*, **2012**, 37, 4-12	1.3	10
7	Colour management system for displaying microscope images. *Displays*, **2012**, 33, 214-220	3.4	3
6	Blue-green color categorization in Mandarin-English speakers. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2012**, 29, A102-7	1.8	3
5	Visual gamma correction for LCD displays. *Displays*, **2011**, 32, 17-23	3.4	13
4	Investigation of colour size effect for colour appearance assessment. *Color Research and Application*, **2011**, 36, 201-209	1.3	18
3	Unique hue data for colour appearance models. Part I: Loci of unique hues and hue uniformity. *Color Research and Application*, **2011**, 36, 316-323	1.3	14
2	Colour-opponent mechanisms are not affected by age-related chromatic sensitivity changes. *Ophthalmic and Physiological Optics*, **2010**, 30, 653-9	4.1	13
1	Colour appearance of room colours. *Color Research and Application*, **2010**, 35, 284-293	1.3	16