Hyeon-Jeong Suk

List of Publications by Year
in descending order

80	551	840776	794594
papers	citations	11	19
		h-index	g-index

82	82	82	469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Emotional response to color across media. Color Research and Application, 2010, 35, 64-77.	1.6	110
2	Dynamic lighting system for the learning environment: performance of elementary students. Optics Express, 2016, 24, A907.	3.4	43
3	Awakening effects of blue-enriched morning light exposure on university students' physiological and subjective responses. Scientific Reports, 2019, 9, 345.	3.3	31
4	Adaptive display luminance for viewing smartphones under low illuminance. Optics Express, 2015, 23, 16912.	3.4	20
5	Assessment of white for displays under dark- and chromatic-adapted conditions. Optics Express, 2016, 24, 28945.	3.4	20
6	Comparison of Visual Discomfort and Visual Fatigue between Head-Mounted Display and Smartphone. IS&T International Symposium on Electronic Imaging, 2017, 29, 212-217.	0.4	18
7	Blue-colored dyes featuring a diketopyrrolopyrrole spacer for translucent dye-sensitized solar cells. Dyes and Pigments, 2020, 173, 107840.	3.7	18
8	Adaptive luminance contrast for enhancing reading performance and visual comfort on smartphone displays. Optical Engineering, 2014, 53, 113102.	1.0	17
9	User-preferred color temperature adjustment for smartphone display under varying illuminants. Optical Engineering, 2014, 53, 061708.	1.0	16
10	Optimal employment of color attributes to achieve saliency in icon matrix designs. Color Research and Application, 2015, 40, 429-436.	1.6	15
11	The Elders Preference for Skeuomorphism as App Icon Style. , 2015, , .		15
12	Adaptive luminance difference between text and background for comfortable reading on a smartphone. International Journal of Industrial Ergonomics, 2016, 51, 68-72.	2.6	11
13	Emotional Response to In-Car Dynamic Lighting. International Journal of Automotive Technology, 2021, 22, 1035-1043.	1.4	11
14	Context-based presets for lighting setup in residential space. Applied Ergonomics, 2016, 52, 222-231.	3.1	10
15	Image color adjustment for harmony with a target color. Color Research and Application, 2018, 43, 75-88.	1.6	10
16	TACTILE SENSATION AS EMOTION ELICITOR. KANSEI Engineering International, 2009, 8, 153-158.	0.2	8
17	53.2: Visual Search and Attention: What Eye-Tracking Reveals about Visual Performance in the Curved Display. Digest of Technical Papers SID International Symposium, 2015, 46, 798-801.	0.3	8
18	Do users perceive the same image differently? Comparison of OLED and LCD in mobile HMDs and smartphones. Journal of Information Display, 2019, 20, 31-38.	4.0	8

#	Article	IF	Citations
19	Preference survey of curvature of large-size displays. Journal of the Society for Information Display, 2016, 24, 21-25.	2.1	7
20	Bubble Coloring to Visualize the Speech Emotion. , 2021, , .		7
21	Prediction of the Emotion Responses to Poster Designs based on Graphical Features: A Machine learning-driven Approach. Archives of Design Research, 2020, 33, 39-55.	0.3	7
22	EMOTIONAL RESPONSE TO SIMPLE COLOR STIMULI. KANSEI Engineering International, 2008, 7, 181-188.	0.2	6
23	Key Color Generation for Affective Multimedia Production. , 2016, , .		6
24	Optimal display color for nighttime smartphone users. Color Research and Application, 2017, 42, 60-67.	1.6	6
25	Designing skin-dragging haptic motions for wearables. , 2017, , .		6
26	Measuring and describing the discoloration of liquid foundation. Color Research and Application, 2021, 46, 362-375.	1.6	6
27	Design Attributes for a More Eco-friendly Takeout Cup Using Conjoint Analysis. Archives of Design Research, 2019, 32, 57-69.	0.3	6
28	Design of idle motions for service robot via video ethnography. , 2009, , .		5
29	Altruistic interaction design. , 2011, , .		5
30	Investigation of eye-catching colors using eye tracking. Proceedings of SPIE, 2013, , .	0.8	5
31	Dynamics of backlight luminance for using smartphone in dark environment. , 2014, , .		5
32	Thoughts and Tools for Crafting Colors. , 2017, , .		5
33	c.light. , 2018, , .		5
34	True White Point for Television Screens Across Different Viewing Conditions. IEEE Transactions on Consumer Electronics, 2018, 64, 292-300.	3.6	5
35	Smartphone Use at Night Affects Melatonin Secretion, Body Temperature, and Heart Rate. Korean Society for Emotion and Sensibility, 2017, 20, 135-142.	0.1	5
36	Do curved displays make for a more pleasant experience?. , 2015, , .		4

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37	The gradual transition from blue-enriched to neutral white light for creating a supportive learning environment. Building and Environment, 2020, 180, 107046.	6.9	4
38	Exploring User's Preference on the Color of Cavity and Lighting of an Oven Product. Archives of Design Research, 2019, 32, 19-29.	0.3	4
39	Disappearing icons: Informative effect through changing color attributes of app icons. , 2014, , .		3
40	11.3: Readability Performance and Subjective Appraisal of Curved Monitor. Digest of Technical Papers SID International Symposium, 2015, 46, 130-133.	0.3	3
41	CrowdColor. , 2015, , .		3
42	Yo!. , 2016, , .		3
43	Do consumers prefer curved monitors? Assessment of preferred curvature and readability performance. Journal of Information Display, 2017, 18, 67-72.	4.0	3
44	Affective matches of fabric and lighting chromaticity. Color Research and Application, 2020, 45, 1126-1142.	1.6	3
45	Exploring Users' Desired Emotion in Product Light Focusing on the Refrigerator. Korean Society for Emotion and Sensibility, 2018, 21, 3-16.	0.1	3
46	Performance of the 14 skin-colored patches in accurately estimating human skin color. IS&T International Symposium on Electronic Imaging, 2017, 2017, 62-65.	0.4	3
47	Understanding the Relation between Emotion and Physical Movements. International Journal of Affective Engineering, 2014, 13, 217-226.	0.5	3
48	Sitting Posture-Based Lighting System to Enhance the Desired Mood. Journal of the Ergonomics Society of Korea, 2015, 34, 191-198.	0.1	3
49	INFLUENCE OF AN AESTHETICALLY APPEALING PRODUCT ON USER'S INTEREST. KANSEI Engineering International, 2009, 8, 147-152.	0.2	2
50	Considerations of applying surface-based phone gestures to natural context. , 2011, , .		2
51	Color tolerance prediction for recycled paper based on consumers' awareness. Color Research and Application, 2012, 37, 272-280.	1.6	2
52	Color tolerance study on white in practical aspect: Perceptibility versus acceptability. Color Research and Application, 2014, 39, 582-588.	1.6	2
53	Sketching in-vehicle ambient lighting in virtual reality with the Wizard-of-Oz method. Digital Creativity, 0, , 1-15.	1.6	2
54	My own-style interaction. , 2011, , .		1

#	Article	IF	Citations
55	A color scenario of Eco & Healthy Driving for the RGB LED based interface display of a climate control device. , 2013, , .		1
56	Changing the color attributes of icons to inform of the application status. , 2014, , .		1
57	Hue extraction and tone match. , 2015, , .		1
58	A comparative study of psychophysical judgment of color reproductions on mobile displays between Europeans and Asians. Proceedings of SPIE, 2015, , .	0.8	1
59	PicLight. , 2015, , .		1
60	Jockey Time. , 2016, , .		1
61	The human sclera and pupil as the calibration targets. IS&T International Symposium on Electronic Imaging, 2017, 29, 200-203.	0.4	1
62	Skin-representative region in a face for finding real skin color. IS&T International Symposium on Electronic Imaging, 2017, 29, 66-69.	0.4	1
63	UPO: A Chair That Lifts Hips While Standing Up Using the Four-Link Mechanism. Journal of the Ergonomics Society of Korea, 2014, 33, 281-287.	0.1	1
64	Designing User-Centered Lighting Scenarios. , 2015, , .		1
65	Material Reconfiguration for Visual Exploration of Product Design Alternatives. Archives of Design Research, 2017, 30, 115.	0.3	1
66	Beverage Taste Perception Influenced by Its Turbidity: Results from Twenties and Thirties. Korean Society for Emotion and Sensibility, 2017, 20, 3-10.	0.1	1
67	Effect of levels of automation on emotional experience in intelligent products. , 2011, , .		0
68	Touch or remote. , 2013, , .		0
69	The optimal color temperature of smartphone display under various illuminant conditions. , 2014, , .		0
70	Dynamics of luminance contrast for comfortable reading on smartphone display. , 2014, , .		0
71	Optimal color temperature adjustment for mobile devices under varying illuminants. , 2014, , .		0
72	Recalling white point of smartphone under varying illuminants. Proceedings of SPIE, 2014, , .	0.8	0

#	Article	IF	Citations
73	Preference for luminance uniformity of refrigerator lighting. Color Research and Application, 2021, 46, 146-154.	1.6	0
74	Color Quantization to Visualize Perceptually Dominant Colors of an Image. Journal of Korea Society of Color Studies, 2015, 29, 95-102.	0.1	0
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76	Illuminant Estimation Through Reverse Calibration of an Auto White-Balanced Image That Contains Displays. Color and Imaging Conference, 2019, 27, 339-343.	0.2	0
77	Skin Balancing: Skin Color-Based Calibration for Portrait Images to Enhance the Affective Quality. Color and Imaging Conference, 2019, 2019, 91-94.	0.2	0
78	Subjective Judgments of Refrigerator Lighting by Altering Chromaticity and Placement across Age Groups. Color and Imaging Conference, 2019, 27, 114-119.	0.2	0
79	Preference for the Background Lighting of a Display Influenced by Media and Image Features. Archives of Design Research, 2021, 34, 241-255.	0.3	0
80	Participatory Research on the Preference for Residential Lighting: The Living Space of Generation MZ. Archives of Design Research, 2022, 35, 231-243.	0.3	0