

# Hyeon-Jeong Suk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2490340/publications.pdf>

Version: 2024-02-01

80  
papers

551  
citations

840776

11  
h-index

794594

19  
g-index

82  
all docs

82  
docs citations

82  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Measuring and describing the discoloration of liquid foundation. Color Research and Application, 2021, 46, 362-375.	1.6	6
3	Preference for luminance uniformity of refrigerator lighting. Color Research and Application, 2021, 46, 146-154.	1.6	0
4	Bubble Coloring to Visualize the Speech Emotion. , 2021, , .		7
5	Emotional Response to In-Car Dynamic Lighting. International Journal of Automotive Technology, 2021, 22, 1035-1043.	1.4	11
6	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
7	Blue-colored dyes featuring a diketopyrrolopyrrole spacer for translucent dye-sensitized solar cells. Dyes and Pigments, 2020, 173, 107840.	3.7	18
8	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
9	Affective matches of fabric and lighting chromaticity. Color Research and Application, 2020, 45, 1126-1142.	1.6	3
10	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
11	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
12	Awakening effects of blue-enriched morning light exposure on university students' physiological and subjective responses. Scientific Reports, 2019, 9, 345.	3.3	31
13	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
14	Design Attributes for a More Eco-friendly Takeout Cup Using Conjoint Analysis. Archives of Design Research, 2019, 32, 57-69.	0.3	6
15	ì¼êµ´ ´¼êµ´¶µ%ì¼—êµ´í•œ ì¼êµ´¶µ´êµ´´êµ´´¼ ì¼êµ´¶µ´êµ´´êµ´´¼. Journal of Korea Society of Color Studies, 2019, 33, 57-65.		
16	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
17	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
18	Subjective Judgments of Refrigerator Lighting by Altering Chromaticity and Placement across Age Groups. Color and Imaging Conference, 2019, 27, 114-119.	0.2	0

#	ARTICLE	IF	CITATIONS
19	c.light. , 2018, , .		5
20	Image color adjustment for harmony with a target color. Color Research and Application, 2018, 43, 75-88.	1.6	10
21	True White Point for Television Screens Across Different Viewing Conditions. IEEE Transactions on Consumer Electronics, 2018, 64, 292-300.	3.6	5
22	Exploring Users' Desired Emotion in Product Light Focusing on the Refrigerator. Korean Society for Emotion and Sensibility, 2018, 21, 3-16.	0.1	3
23	Optimal display color for nighttime smartphone users. Color Research and Application, 2017, 42, 60-67.	1.6	6
24	Do consumers prefer curved monitors? Assessment of preferred curvature and readability performance. Journal of Information Display, 2017, 18, 67-72.	4.0	3
25	Thoughts and Tools for Crafting Colors. , 2017, , .		5
26	The human sclera and pupil as the calibration targets. IS&T International Symposium on Electronic Imaging, 2017, 29, 200-203.	0.4	1
27	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
28	Designing skin-dragging haptic motions for wearables. , 2017, , .		6
29	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
30	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
31	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
32	Material Reconfiguration for Visual Exploration of Product Design Alternatives. Archives of Design Research, 2017, 30, 115.	0.3	1
33	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
34	Yo!. , 2016, , .		3
35	Assessment of white for displays under dark- and chromatic-adapted conditions. Optics Express, 2016, 24, 28945.	3.4	20
36	Key Color Generation for Affective Multimedia Production. , 2016, , .		6

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37	Dynamic lighting system for the learning environment: performance of elementary students. Optics Express, 2016, 24, A907.	3.4	43
38	Jockey Time. , 2016, , .		1
39	Preference survey of curvature of large-size displays. Journal of the Society for Information Display, 2016, 24, 21-25.	2.1	7
40	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
41	Context-based presets for lighting setup in residential space. Applied Ergonomics, 2016, 52, 222-231.	3.1	10
42	11.3: Readability Performance and Subjective Appraisal of Curved Monitor. Digest of Technical Papers SID International Symposium, 2015, 46, 130-133.	0.3	3
43	Optimal employment of color attributes to achieve saliency in icon matrix designs. Color Research and Application, 2015, 40, 429-436.	1.6	15
44	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
45	Hue extraction and tone match. , 2015, , .		1
46	CrowdColor. , 2015, , .		3
47	Do curved displays make for a more pleasant experience?. , 2015, , .		4
48	Adaptive display luminance for viewing smartphones under low illuminance. Optics Express, 2015, 23, 16912.	3.4	20
49	The Elders Preference for Skeuomorphism as App Icon Style. , 2015, , .		15
50	A comparative study of psychophysical judgment of color reproductions on mobile displays between Europeans and Asians. Proceedings of SPIE, 2015, , .	0.8	1
51	PicLight. , 2015, , .		1
52	Designing User-Centered Lighting Scenarios. , 2015, , .		1
53	Sitting Posture-Based Lighting System to Enhance the Desired Mood. Journal of the Ergonomics Society of Korea, 2015, 34, 191-198.	0.1	3
54	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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55	The optimal color temperature of smartphone display under various illuminant conditions. , 2014, , .		0
56	Changing the color attributes of icons to inform of the application status. , 2014, , .		1
57	Dynamics of luminance contrast for comfortable reading on smartphone display. , 2014, , .		0
58	Color tolerance study on white in practical aspect: Perceptibility versus acceptability. Color Research and Application, 2014, 39, 582-588.	1.6	2
59	User-preferred color temperature adjustment for smartphone display under varying illuminants. Optical Engineering, 2014, 53, 061708.	1.0	16
60	Optimal color temperature adjustment for mobile devices under varying illuminants. , 2014, , .		0
61	Dynamics of backlight luminance for using smartphone in dark environment. , 2014, , .		5
62	Disappearing icons: Informative effect through changing color attributes of app icons. , 2014, , .		3
63	Adaptive luminance contrast for enhancing reading performance and visual comfort on smartphone displays. Optical Engineering, 2014, 53, 113102.	1.0	17
64	Recalling white point of smartphone under varying illuminants. Proceedings of SPIE, 2014, , .	0.8	0
65	Understanding the Relation between Emotion and Physical Movements. International Journal of Affective Engineering, 2014, 13, 217-226.	0.5	3
66	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
67	Investigation of eye-catching colors using eye tracking. Proceedings of SPIE, 2013, , .	0.8	5
68	Touch or remote. , 2013, , .		0
69	A color scenario of Eco & Healthy Driving for the RGB LED based interface display of a climate control device. , 2013, , .		1
70	Color tolerance prediction for recycled paper based on consumers' awareness. Color Research and Application, 2012, 37, 272-280.	1.6	2
71	Altruistic interaction design. , 2011, , .		5
72	Considerations of applying surface-based phone gestures to natural context. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
73	Effect of levels of automation on emotional experience in intelligent products. , 2011, , .		0
74	My own-style interaction. , 2011, , .		1
75	Emotional response to color across media. Color Research and Application, 2010, 35, 64-77.	1.6	110
76	TACTILE SENSATION AS EMOTION ELICITOR. KANSEI Engineering International, 2009, 8, 153-158.	0.2	8
77	INFLUENCE OF AN AESTHETICALLY APPEALING PRODUCT ON USERâ€™S INTEREST. KANSEI Engineering International, 2009, 8, 147-152.	0.2	2
78	Design of idle motions for service robot via video ethnography. , 2009, , .		5
79	EMOTIONAL RESPONSE TO SIMPLE COLOR STIMULI. KANSEI Engineering International, 2008, 7, 181-188.	0.2	6
80	Sketching in-vehicle ambient lighting in virtual reality with the Wizard-of-Oz method. Digital Creativity, 0, , 1-15.	1.6	2