

Mi-Jeong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

2,281
citations

257101

24
h-index

243296

44
g-index

101
all docs

101
docs citations

101
times ranked

1893
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart management services for high-rise apartments in Beijing, China. <i>Journal of Asian Architecture and Building Engineering</i> , 2022, 21, 1792-1800.	1.2	1
2	A User-Centered Approach to the Application of BIM in Smart Working Environments. <i>Sensors</i> , 2022, 22, 2871.	2.1	2
3	Preferences for Hotels with Biophilic Design Attributes in the Post-COVID-19 Era. <i>Buildings</i> , 2022, 12, 427.	1.4	13
4	Intelligence Sensors and Sensing Spaces for Smart Home and Environment. <i>Sensors</i> , 2022, 22, 2898.	2.1	1
5	Toward Public Health Wellness: Psychosocial & Physical Health in the Community. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5188.	1.2	0
6	Architecture and the imaginary: text stimulus to improve students' creativity with nonlinear design process. <i>Archnet-IJAR</i> , 2022, ahead-of-print, .	0.8	3
7	Smart Homes to Support the Wellness and Pleasurable Experience of Residents. <i>Power Systems</i> , 2021, , 131-158.	0.3	1
8	Towards a Sustainable Life: Smart and Green Design in Buildings and Community. <i>Sustainability</i> , 2021, 13, 1022.	1.6	3
9	A critical review of the smart city in relation to citizen adoption towards sustainable smart living. <i>Habitat International</i> , 2021, 108, 102312.	2.3	42
10	Mothers' Parenting Stress and Neighborhood Characteristics in Early Childhood (Ages 0-4). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2648.	1.2	3
11	Visual Communication for Students' Creative Thinking in the Design Studio: Translating Filmic Spaces into Spatial Design. <i>Buildings</i> , 2021, 11, 91.	1.4	8
12	Research Trends on Mobile Mental Health Application for General Population: A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2459.	1.2	25
13	Characterizing Smart Environments as Interactive and Collective Platforms: A Review of the Key Behaviors of Responsive Architecture. <i>Sensors</i> , 2021, 21, 3417.	2.1	8
14	The impact of perceived risk and disease prevention efficiency on outdoor activities and avoidance behaviors in the urban parks during COVID 19 pandemic. <i>Journal of Facilities Management</i> , 2021, 19, 553-568.	1.0	12
15	Exploring the user performance of Korean women in smart homes with a focus on user adoption. <i>Journal of Building Engineering</i> , 2021, 39, 102303.	1.6	4
16	Identifying Health Care Environment Contradictions in Terms of Infection Control during a Pandemic with a Focus on Health Workers' Experience. <i>Sustainability</i> , 2021, 13, 9964.	1.6	8
17	Determinants of Perceived Accessibility of Maternity Leave and Childcare Leave in South Korea. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10286.	1.2	3
18	The Impact of Workplace Disability Facilities on Job Retention Wishes among People with Physical Disabilities in South Korea. <i>Sustainability</i> , 2020, 12, 7489.	1.6	4

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19	Utilising social networking services as a collective medium to support design communication in team collaboration. Archnet-IJAR, 2020, 14, 409-421.	0.8	10
20	Editorial: Towards Users' Optimal and Pleasurable Experience in Smart Environments. Frontiers in Psychology, 2020, 11, 583663.	1.1	0
21	Exploring Visual Perceptions of Spatial Information for Wayfinding in Virtual Reality Environments. Applied Sciences (Switzerland), 2020, 10, 3461.	1.3	7
22	Developing Design Solutions for Smart Homes Through User-Centered Scenarios. Frontiers in Psychology, 2020, 11, 335.	1.1	29
23	Automatically Processing IFC Clipping Representation for BIM and GIS Integration at the Process Level. Applied Sciences (Switzerland), 2020, 10, 2009.	1.3	78
24	A Direction for Smart Home/Community Supporting the Wellness of Single-Person Households - Focused on the Single-Person Households Except the Elderly -. Korean Institute of Interior Design Journal, 2020, 29, 3-11.	0.0	3
25	A Smart Living for Korean Women's Wellness. Journal of Digital Contents Society, 2020, 21, 19-29.	0.1	0
26	Directions for the Development of Housing Service and Community for the Wellness of Two-Person Household. Journal of the Korean Housing Association, 2020, 31, 35-44.	0.0	0
27	Risk Perception & Risk-Reduction Behavior Model for Blue-Collar Workers: Adapted From the Health Promotion Model. Frontiers in Psychology, 2020, 11, 538198.	1.1	3
28	Green Environments and Happiness Level in Housing Areas toward a Sustainable Life. Sustainability, 2019, 11, 4768.	1.6	12
29	Potential of Augmented Reality and Virtual Reality Technologies to Promote Wellbeing in Older Adults. Applied Sciences (Switzerland), 2019, 9, 3556.	1.3	77
30	Differential received signal strength based RFID positioning for construction equipment tracking. Advanced Engineering Informatics, 2019, 42, 100960.	4.0	114
31	Integration of BIM and GIS: IFC geometry transformation to shapefile using enhanced open-source approach. Automation in Construction, 2019, 106, 102859.	4.8	100
32	Integration of BIM and GIS: Geometry from IFC to shapefile using open-source technology. Automation in Construction, 2019, 102, 105-119.	4.8	139
33	Residents' Perceptions of and Response Behaviors to Particulate Matter - A Case Study in Seoul, Korea. Applied Sciences (Switzerland), 2019, 9, 3660.	1.3	4
34	A Critical Review of Smart Residential Environments for Older Adults With a Focus on Pleasurable Experience. Frontiers in Psychology, 2019, 10, 3080.	1.1	46
35	Spatial and temporal variations of spatial population accessibility to public hospitals: a case study of rural-urban comparison. GIScience and Remote Sensing, 2018, 55, 718-744.	2.4	53
36	How Green Building Product Decisions from Customers Can Be Transitioned to Manufacturers: An Agent-Based Model. Sustainability, 2018, 10, 3977.	1.6	9

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37	A Framework for Green Remodeling Enabling Energy Efficiency and Healthy Living for the Elderly. <i>Energies</i> , 2018, 11, 2031.	1.6	6
38	A Critical Review of Child-Friendly Environments, Focusing on Children's Experiential Perspectives on the Physical World for Sustainability. <i>Sustainability</i> , 2018, 10, 3725.	1.6	10
39	USING THE DIGITAL CONTEXT TO OVERCOME DESIGN FIXATION: A STRATEGY TO EXPAND STUDENTS' DESIGN THINKING. <i>Archnet-IJAR</i> , 2018, 12, 228.	0.8	7
40	Development of a Health Smart Home Model for the Elderly. <i>Journal of the Korean Housing Association</i> , 2018, 29, 81-90.	0.0	10
41	Providing a Direction for the Development of Health Smart Homes for 1-2 Households. <i>Journal of the Korean Housing Association</i> , 2018, 29, 11-20.	0.0	2
42	Decomposition-based multi-objective firefly algorithm for RFID network planning with uncertainty. <i>Applied Soft Computing Journal</i> , 2017, 55, 549-564.	4.1	69
43	The effects of analogical and metaphorical reasoning on design thinking. <i>Thinking Skills and Creativity</i> , 2017, 23, 29-41.	1.9	31
44	Energy Demand Reduction in the Residential Building Sector: A Case Study of Korea. <i>Energies</i> , 2017, 10, 1506.	1.6	24
45	Measurement of User Emotion and Experience in Interaction with Space. <i>Journal of Asian Architecture and Building Engineering</i> , 2017, 16, 99-106.	1.2	18
46	Providing a Direction for the Development of Health Smart Home based on the Middle Ages' Housing Activities and Demands. <i>Journal of the Korean Housing Association</i> , 2017, 28, 109-117.	0.0	4
47	Users' Design Process in Immersive Environments. <i>Korean Institute of Interior Design Journal</i> , 2017, 26, 64-71.	0.0	1
48	Affordable Modular Housing for College Students Emphasizing Habitability. <i>Journal of Asian Architecture and Building Engineering</i> , 2016, 15, 49-56.	1.2	8
49	THE POTENTIAL OF REASONING METHODS AS A TEACHING STRATEGY SUPPORTING STUDENTS' CREATIVE THINKING IN ARCHITECTURAL DESIGN. <i>Archnet-IJAR</i> , 2016, 10, 6.	0.8	7
50	Participatory Behaviors and Interactive Experiences at a Science Museum. <i>Korean Institute of Interior Design Journal</i> , 2016, 25, 65-72.	0.0	0
51	The Effect of the Digital Design Environment on Creative Design Thinking and Cognitive Processes - Focused on AutoCAD and SketchUp -. <i>Journal of the Architectural Institute of Korea Planning & Design</i> , 2016, 32, 67-75.	0.1	0
52	Proposing a Direction for Smart Housing Services Supporting the Elderly in China - Focused on the Elderly' Living Conditions in Luoyang Prefecture-level City -. <i>Korean Institute of Interior Design Journal</i> , 2016, 25, 98-105.	0.0	0
53	Identifying Housing Demands on Smart Homes by Targeting Residents of Apartment Complexes in China. <i>Journal of the Korean Housing Association</i> , 2016, 27, 105-112.	0.0	0
54	Implementing an augmented reality-enabled wayfinding system through studying user experience and requirements in complex environments. <i>Visualization in Engineering</i> , 2015, 3, .	8.8	16

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55	A Cross-Cultural and Interdisciplinary Collaboration in a Joint Design Studio. <i>International Journal of Art and Design Education</i> , 2015, 34, 102-120.	0.6	13
56	A BIM-based approach for automated tower crane layout planning. <i>Automation in Construction</i> , 2015, 59, 168-178.	4.8	98
57	Automation and Robotics in Construction and Civil Engineering. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015, 79, 347-350.	2.0	28
58	User's perception of indoor environment associated with energy performance in apartment complexes with different service life. <i>Energy and Buildings</i> , 2015, 98, 106-112.	3.1	2
59	Health Smart Home Services incorporating a MAR-based Energy Consumption Awareness System. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015, 79, 523-535.	2.0	19
60	The Impact of Instructors' Capacity on Technology Integrated Education in Interior Design Studios. <i>Korean Institute of Interior Design Journal</i> , 2015, 24, 70-77.	0.0	0
61	A Conceptual Framework of Immersive Shared Environments Emphasizing Social Interaction. <i>Archnet-IJAR</i> , 2015, 9, 45.	0.8	3
62	Single-Person Household Needs with a Focus on Interior Planning. <i>Korean Institute of Interior Design Journal</i> , 2015, 24, 163-170.	0.0	1
63	Influence of Organizational and Project Practices on Design Error Costs. <i>Journal of Performance of Constructed Facilities</i> , 2014, 28, 303-310.	1.0	16
64	Characterizing the interaction design in healthy smart home devices for the elderly. <i>Indoor and Built Environment</i> , 2014, 23, 141-149.	1.5	26
65	Studying children's tactile problem-solving in a digital environment. <i>Thinking Skills and Creativity</i> , 2014, 12, 1-13.	1.9	3
66	Mutual awareness in collaborative design: An Augmented Reality integrated telepresence system. <i>Computers in Industry</i> , 2014, 65, 314-324.	5.7	67
67	Probabilistic Assessment of Design Error Costs. <i>Journal of Performance of Constructed Facilities</i> , 2014, 28, 518-527.	1.0	16
68	Context-aware inference in ubiquitous residential environments. <i>Computers in Industry</i> , 2014, 65, 148-157.	5.7	26
69	A Smart Community for Placemaking in Housing Complexes. <i>Journal of Asian Architecture and Building Engineering</i> , 2014, 13, 539-546.	1.2	13
70	BIM-Enabled Conceptual Modelling and Representation of Building Circulation. <i>International Journal of Advanced Robotic Systems</i> , 2014, 11, 127.	1.3	14
71	Methods for Assessing 3D Virtual Worlds in Design Education. <i>Advances in Game-based Learning Book Series</i> , 2014, , 152-174.	0.2	0
72	Evaluating Residents' Experiences in an Apartment Complex using a Green Building Rating System. <i>Journal of the Architectural Institute of Korea Planning & Design</i> , 2014, 30, 23-32.	0.1	0

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73	Smart Housing for Reducing Energy Use in Single-Households, Emphasizing Effective Energy Management. , 2014, , .		0
74	A method for evaluating the performance of green buildings with a focus on user experience. Energy and Buildings, 2013, 66, 203-210.	3.1	54
75	Energy use of households in apartment complexes with different service life. Energy and Buildings, 2013, 66, 591-598.	3.1	24
76	A framework for context immersion in mobile augmented reality. Automation in Construction, 2013, 33, 79-85.	4.8	51
77	Augmented Reality in built environment: Classification and implications for future research. Automation in Construction, 2013, 32, 1-13.	4.8	205
78	A conceptual framework for integrating building information modeling with augmented reality. Automation in Construction, 2013, 34, 37-44.	4.8	187
79	Designing for interactive and collective mobile creativity. , 2013, , .		2
80	A Smart Workspace Supporting a Healthy Life in Pre-elderly Households. Indoor and Built Environment, 2013, 22, 280-288.	1.5	7
81	The Service Pattern-Oriented Smart Bedroom Based on Elderly Spatial Behaviour Patterns. Indoor and Built Environment, 2013, 22, 299-308.	1.5	19
82	A Critical Review of User Studies on Healthy Smart Homes. Indoor and Built Environment, 2013, 22, 260-270.	1.5	31
83	Mixed-Use Facility Model for the Welfare of the Elderly Based on Lifestyle. Journal of Asian Architecture and Building Engineering, 2013, 12, 245-252.	1.2	7
84	Perceived Experiences on Comfort and Health in Two Apartment Complexes with Different Service Life. Smart Innovation, Systems and Technologies, 2013, , 1043-1053.	0.5	0
85	Identifying Metaphor and Analogy Strategies for The Creative Design using Protocol Analysis. Korean Institute of Interior Design Journal, 2013, 22, 64-74.	0.0	1
86	A Usability Study On Museum Installations Emphasizing Interaction Design for User Experience. Korean Institute of Interior Design Journal, 2013, 22, 302-310.	0.0	0
87	Technological advancements in synchronous collaboration: The effect of 3D virtual worlds and tangible user interfaces on architectural design. Automation in Construction, 2011, 20, 270-278.	4.8	51
88	Motivated learning agent model for distributed collaborative systems. Expert Systems With Applications, 2011, 38, 1079-1088.	4.4	4
89	Approaches to Smart Home with a Focus on Workspace in Single Household. Lecture Notes in Computer Science, 2011, , 319-323.	1.0	1
90	Design Collaboration for Intelligent Construction Management in Mobile Augmented Reality. , 2011, , .		2

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91	Construction defect management using a telematic digital workbench. Automation in Construction, 2009, 18, 814-824.	4.8	41
92	Mode-Matching Model for Electromagnetically Coupled Coaxial Dipole Array Antenna. IEICE Transactions on Communications, 2009, E92-B, 1406-1409.	0.4	0
93	Exploring Presence And Performance In Mixed Reality-Based Design Space. , 2009, , 75-90.		0
94	The impact of tangible user interfaces on spatial cognition during collaborative design. Design Studies, 2008, 29, 222-253.	1.9	105
95	The Impact of Tangible User Interfaces on Designers' Spatial Cognition. Human-Computer Interaction, 2008, 23, 101-137.	3.1	68
96	Collaborative Design in a Tabletop System employing Tangible User Interfaces. , 2007, , .		3
97	Do Tangible User Interfaces Impact Spatial Cognition in Collaborative Design?. Lecture Notes in Computer Science, 2005, , 30-41.	1.0	11
98	Communication enhancer?appliances for better communication in a family. Personal and Ubiquitous Computing, 2004, 8, 221.	1.9	9
99	Studying Designers using a Tabletop System for 3D Design with a Focus on the Impact on Spatial Cognition. , 0, , .		11
100	Augmented Reality Research for Architecture and Design. , 0, , 225-237.		2