

Julie Milovanovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1746035/publications.pdf>

Version: 2024-02-01

18
papers

167
citations

1478505

6
h-index

1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework for studying design thinking through measuring designersâ€™ minds, bodies and brains. Design Science, 2020, 6, .	2.1	57
2	Cognitive differences among first-year and senior engineering students when generating design solutions with and without additional dimensions of sustainability. Design Science, 2021, 7, .	2.1	17
3	Concept generation techniques change patterns of brain activation during engineering design. Design Science, 2020, 6, .	2.1	16
4	The situated function-behavior-structure co-design model. CoDesign, 2021, 17, 211-236.	2.0	16
5	Co-ideation critique unfolded: an exploratory study of a co-design studio â€™critâ€™ based on the studentsâ€™ experience. CoDesign, 2021, 17, 119-138.	2.0	14
6	Characterization of concept generation for engineering design through temporal brain network analysis. Design Studies, 2021, 76, 101044.	3.1	12
7	Higher Perceived Design Thinking Traits and Active Learning in Design Courses Motivate Engineering Students to Tackle Energy Sustainability in Their Careers. Sustainability, 2021, 13, 12570.	3.2	8
8	Senior engineering students in the USA carry misconceptions about climate change: Implications for engineering education. Journal of Cleaner Production, 2022, 345, 131129.	9.3	7
9	EXPLORATION OF COGNITIVE DESIGN BEHAVIOUR DURING DESIGN CRITIQUES. , 0, , .		6
10	Comparing Design Thinking Traits between National Samples of Civil Engineering and Architecture Students. Journal of Civil Engineering Education, 2021, 147, .	1.4	5
11	Neurocognitive feedback: a prospective approach to sustain idea generation during design brainstorming. International Journal of Design Creativity and Innovation, 2022, 10, 31-50.	1.2	3
12	Evolution of Brain Network Connectivity in the Prefrontal Cortex During Concept Generation Using Brainstorming for a Design Task. , 2020, , .		3
13	TEMPORAL DYNAMICS OF BRAIN ACTIVATION DURING THREE CONCEPT GENERATION TECHNIQUES. Proceedings of the Design Society, 2021, 1, 2961-2970.	0.8	1
14	Exploring the Use of Digital Tools to Support Design Studio Pedagogy Through Studying Collaboration and Cognition. , 2022, , 21-39.		1
15	Concept Maps Lead to Better Problem Statements: An Empirical Study Measuring the Effects of Priming Students to Think in Systems. , 2022, , .		1
16	DECOMPOSITION AND RECOMPOSITION STRATEGIES OF PROFESSIONAL ENGINEERING DESIGN TEAMS. Proceedings of the Design Society, 2021, 1, 871-880.	0.8	0
17	Pictures Matter: How Images of Projected Sea-Level Rise Shape Long-Term Sustainable Design Decisions for Infrastructure Systems. Sustainability, 2022, 14, 3007.	3.2	0
18	Concept Maps Decrease Studentsâ€™ Neurocognitive Demand When Thinking about Engineering Problems. , 2022, , .		0