

Julie Milovanovic

List of Publications by Year in descending order

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18
papers

167
citations

1478505

6
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1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Exploring the Use of Digital Tools to Support Design Studio Pedagogy Through Studying Collaboration and Cognition. , 2022, , 21-39.		1
3	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
4	Concept Maps Decrease Studentsâ€™ Neurocognitive Demand When Thinking about Engineering Problems. , 2022, , .		0
5	Concept Maps Lead to Better Problem Statements: An Empirical Study Measuring the Effects of Priming Students to Think in Systems. , 2022, , .		1
6	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
7	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
8	Comparing Design Thinking Traits between National Samples of Civil Engineering and Architecture Students. Journal of Civil Engineering Education, 2021, 147, .	1.4	5
9	The situated function-behavior-structure co-design model. CoDesign, 2021, 17, 211-236.	2.0	16
10	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
11	DECOMPOSITION AND RECOMPOSITION STRATEGIES OF PROFESSIONAL ENGINEERING DESIGN TEAMS. Proceedings of the Design Society, 2021, 1, 871-880.	0.8	0
12	TEMPORAL DYNAMICS OF BRAIN ACTIVATION DURING THREE CONCEPT GENERATION TECHNIQUES. Proceedings of the Design Society, 2021, 1, 2961-2970.	0.8	1
13	Characterization of concept generation for engineering design through temporal brain network analysis. Design Studies, 2021, 76, 101044.	3.1	12
14	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
15	Concept generation techniques change patterns of brain activation during engineering design. Design Science, 2020, 6, .	2.1	16
16	A framework for studying design thinking through measuring designersâ€™ minds, bodies and brains. Design Science, 2020, 6, .	2.1	57
17	Evolution of Brain Network Connectivity in the Prefrontal Cortex During Concept Generation Using Brainstorming for a Design Task. , 2020, , .		3
18	EXPLORATION OF COGNITIVE DESIGN BEHAVIOUR DURING DESIGN CRITIQUES. , 0, , .		6