

Yan Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

148
citations

1307594

7
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	An EEG study of the relationship between design problem statements and cognitive behaviors during conceptual design. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2018, 32, 351-362.	1.1	30
2	Prediction of gestational diabetes mellitus in the first 19 weeks of pregnancy using machine learning techniques. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, , 1-7.	1.5	24
3	Experimental and Numerical Simulation of Biodegradable Stents with Different Strut Geometries. <i>Cardiovascular Engineering and Technology</i> , 2020, 11, 36-46.	1.6	20
4	A regression-based Kansei engineering system based on form feature lines for product form design. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401665610.	1.6	11
5	A model for computer-aided creative design based on cognition and iteration. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2016, 230, 3470-3487.	2.1	10
6	Numerical simulation on the effects of drug-eluting stents with different bending angles on hemodynamics and drug distribution. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1859-1870.	2.8	9
7	A method of implementing formalized multidisciplinary collaboration in product conceptual design process. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 3342-3357.	2.1	7
8	Differences between beginning and advanced design students in analogical reasoning during idea generation: evidence from eye movements. <i>Cognition, Technology and Work</i> , 2018, 20, 505-520.	3.0	7
9	Experimental Study on the Associations Among Sketches Based on Design Cognition. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2018, 140, .	2.9	6
10	Developing a machine learning model to identify delirium risk in geriatric internal medicine inpatients. <i>European Geriatric Medicine</i> , 2022, 13, 173-183.	2.8	5
11	A new design knowledge retrieval model based on granularity and clustering theories. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 1540-1559.	2.1	4
12	The influences of product similarity on consumer preferences: a study based on eye-tracking analysis. <i>Cognition, Technology and Work</i> , 2020, 22, 603-613.	3.0	4
13	Flexibility of Biodegradable Polymer Stents with Different Strut Geometries. <i>Materials</i> , 2020, 13, 3332.	2.9	4
14	Hemodynamics study of a multilayer stent for the treatment of aneurysms. <i>BioMedical Engineering OnLine</i> , 2016, 15, 134.	2.7	3
15	Retrieval of Semantic-Based Inspirational Sources for Emotional Design. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-17.	1.7	3
16	Molecular simulation on self-assembly morphologies of rod-coil polystyrene-b-poly(ethylene glycol) copolymers in aqueous solution. <i>Molecular Simulation</i> , 2016, 42, 1209-1213.	2.0	1
17	NUMERICAL STUDY ON THE EFFECTS OF THE NUMBER AND GEOMETRIES OF DRUG-ELUTING STENT LINKS ON THE DRUG CONCENTRATION. <i>Journal of Mechanics in Medicine and Biology</i> , 2014, 14, 1450077.	0.7	0