

Jie Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8231584/publications.pdf>

Version: 2024-02-01

48
papers

1,042
citations

516215

16
h-index

433756

31
g-index

49
all docs

49
docs citations

49
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Technical Document Classification. IEEE Transactions on Engineering Management, 2024, 71, 1163-1179.	2.4	17
2	A fuzzy rough number extended AHP and VIKOR for failure mode and effects analysis under uncertainty. Advanced Engineering Informatics, 2022, 51, 101454.	4.0	40
3	Deriving Design Feature Vectors for Patent Images Using Convolutional Neural Networks. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	1.7	25
4	A rough number-based DEMATEL to evaluate the co-creative sustainable value propositions for smart product-service systems. International Journal of Intelligent Systems, 2021, 36, 3645-3679.	3.3	23
5	Evaluating biological inspiration for biologically inspired design: An integrated DEMATEL-MAIRCA based on fuzzy rough numbers. International Journal of Intelligent Systems, 2021, 36, 6032-6065.	3.3	15
6	Intelligent product redesign strategy with ontology-based fine-grained sentiment analysis. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2021, 35, 295-315.	0.7	3
7	Modified rough VIKOR based design concept evaluation method compatible with objective design and subjective preference factors. Applied Soft Computing Journal, 2021, 107, 107414.	4.1	18
8	A Novel Camera Fusion Method Based on Switching Scheme and Occlusion-Aware Object Detection for Real-Time Robotic Grasping. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 100, 791-808.	2.0	4
9	Integrated rough VIKOR for customer-involved design concept evaluation combining with customers' preferences and designers' perceptions. Advanced Engineering Informatics, 2020, 46, 101138.	4.0	33
10	GraspFusionNet: a two-stage multi-parameter grasp detection network based on RGB-XYZ fusion in dense clutter. Machine Vision and Applications, 2020, 31, 1.	1.7	3
11	A fuzzy rough number-based AHP-TOPSIS for design concept evaluation under uncertain environments. Applied Soft Computing Journal, 2020, 91, 106228.	4.1	102
12	Location Instruction-Based Motion Generation for Sequential Robotic Manipulation. IEEE Access, 2020, 8, 26094-26106.	2.6	2
13	Fifth order trajectory planning for reducing residual vibration. , 2019, , .		1
14	Suction Grasp Region Prediction Using Self-supervised Learning for Object Picking in Dense Clutter. , 2019, , .		27
15	Intent-Aware Conditional Generative Adversarial Network for Pedestrian Path Prediction. , 2019, , .		0
16	The Influence of Bone Modulus-density Relationships on Two-dimensional Human Proximal Femur Remodeling Results. Journal of Medical and Biological Engineering, 2018, 38, 350-358.	1.0	2
17	EMG-Based Estimation of Limb Movement Using Deep Learning With Recurrent Convolutional Neural Networks. Artificial Organs, 2018, 42, E67-E77.	1.0	168
18	Sensor Fusion for Myoelectric Control Based on Deep Learning With Recurrent Convolutional Neural Networks. Artificial Organs, 2018, 42, E272-E282.	1.0	34

#	ARTICLE	IF	CITATIONS
19	A new distribution metric for comparing Pareto optimal solutions. Structural and Multidisciplinary Optimization, 2017, 55, 53-62.	1.7	33
20	Research on new creative conceptual design system using adapted case-based reasoning technique. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2017, 31, 16-29.	0.7	12
21	Change mode and effects analysis by enhanced grey relational analysis under subjective environments. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2017, 31, 207-221.	0.7	5
22	Quantitative behavioral knowledge modeling for functional case adaptation. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2015, 26, 309-326.	1.2	3
23	Design Concept Evaluation Based on Rough Number and Information Entropy Theory. , 2015, , .		1
24	Adaptation to Phosphene Parameters Based on Multi-Object Recognition Using Simulated Prosthetic Vision. Artificial Organs, 2015, 39, 1038-1045.	1.0	11
25	Application of multi-output support vector regression on EMGs to decode hand continuous movement trajectory. Bio-Medical Materials and Engineering, 2015, 26, S575-S582.	0.4	1
26	An integrated AHP and VIKOR for design concept evaluation based on rough number. Advanced Engineering Informatics, 2015, 29, 408-418.	4.0	213
27	A novel support vector regression for data set with outliers. Applied Soft Computing Journal, 2015, 31, 405-411.	4.1	19
28	An integrated feature selection and cluster analysis techniques for case-based reasoning. Engineering Applications of Artificial Intelligence, 2015, 39, 14-22.	4.3	57
29	New CBR adaptation method combining with problem-solution relational analysis for mechanical design. Computers in Industry, 2015, 66, 41-51.	5.7	37
30	Recognition of Similar Objects Using Simulated Prosthetic Vision. Artificial Organs, 2014, 38, 159-167.	1.0	8
31	Research of new strategies for improving CBR system. Artificial Intelligence Review, 2014, 42, 1-20.	9.7	21
32	Research on function based method for bio-inspiration knowledge modeling and transformation. Journal of Shanghai Jiaotong University (Science), 2014, 19, 190-198.	0.5	1
33	Functional vision restoration based on optic nerve prostheses. , 2013, , .		0
34	FCBS model for functional knowledge representation in conceptual design. Journal of Engineering Design, 2012, 23, 577-596.	1.1	35
35	Retrieving Functional Knowledge from Existing Products for Reuse. , 2012, , .		0
36	Multivariate error assessment of response time histories method for dynamic systems. Journal of Zhejiang University: Science A, 2012, 13, 121-131.	1.3	4

#	ARTICLE	IF	CITATIONS
37	Functional ontology for conceptual design oriented model representation and reuse. Journal of Shanghai Jiaotong University (Science), 2009, 14, 542-548.	0.5	0
38	A knowledge-based parameter consistency management system for concurrent and collaborative design. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2007, 221, 97-107.	1.5	2
39	Parameter coordination and optimization for collaborative design based on the constraints network. International Journal of Advanced Manufacturing Technology, 2007, 32, 1053-1063.	1.5	2
40	Multidisciplinary Parameter Coordination Based on Constraints Network Agent Modeling. , 2006, , .		0
41	Knowledge Discovery Based on Multidisciplinary Simulation Data. , 2006, , .		0
42	Knowledge Discovery from Multidisciplinary Simulation to Support Concurrent and Collaborative Design. , 2006, , .		1
43	A knowledge-based constraints network system for concurrent product design. , 2005, , .		0
44	Dimensional and geometric tolerance design based on constraints. International Journal of Advanced Manufacturing Technology, 2005, 26, 1099-1108.	1.5	26
45	Modeling of generalized dynamic constraints network based on simulation and expand approximate method (EAM). , 2005, , .		0
46	A variational geometric constraints network for a tolerance types specification. International Journal of Advanced Manufacturing Technology, 2004, 24, 214.	1.5	31
47	Concurrent and collaborative modeling for automotive engine design. , 0, , .		0
48	Agent based constraints network modeling and conflicts prediction. , 0, , .		0