

Kai Leung Yung

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

365
citations

933447

10
h-index

839539

18
g-index

40
all docs

40
docs citations

40
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	System Dynamics Modeling of Innovation Ecosystem With Two Cases of Space Instruments. IEEE Transactions on Engineering Management, 2023, 70, 2394-2403.	3.5	4
2	Multi-objective auto-scaling scheduling for micro-service workflows in hybrid clouds. Enterprise Information Systems, 2023, 17, .	4.7	0
3	Detection of Highway Pavement Damage Based on a CNN Using Grayscale and HOG Features. Sensors, 2022, 22, 2455.	3.8	10
4	Selecting change image for efficient change detection. IET Signal Processing, 2022, 16, 327-339.	1.5	0
5	Health condition estimation of spacecraft key components using belief rule base. Enterprise Information Systems, 2021, 15, 1107-1127.	4.7	10
6	Metric learning with generator for closed loop detection in VSLAM. Journal of Real-Time Image Processing, 2021, 18, 1025-1036.	3.5	1
7	A scene text detector based on deep feature merging. Multimedia Tools and Applications, 2021, 80, 29005-29016.	3.9	6
8	Light absorption and hydrophobicity of a polystyrene/multiwall carbon nanotube composite with surface nanostructures. Nanotechnology, 2021, 32, 385302.	2.6	0
9	Application of U-Net with Global Convolution Network Module in Computer-Aided Tongue Diagnosis. Journal of Healthcare Engineering, 2021, 2021, 1-15.	1.9	7
10	A dynamic trust model in internet of things. Soft Computing, 2020, 24, 5773-5782.	3.6	10
11	A novel magnetic field-assisted mass polishing of freeform surfaces. Journal of Materials Processing Technology, 2020, 279, 116552.	6.3	42
12	A network representation method based on edge information extraction. Soft Computing, 2020, 24, 8223-8231.	3.6	2
13	Optimization of Microservice Composition Based on Artificial Immune Algorithm Considering Fuzziness and User Preference. IEEE Access, 2020, 8, 26385-26404.	4.2	26
14	EDGAN: motion deblurring algorithm based on enhanced generative adversarial networks. Journal of Supercomputing, 2020, 76, 8922-8937.	3.6	9
15	An ensemble learning model based on Bayesian model combination for solar energy prediction. Journal of Renewable and Sustainable Energy, 2019, 11, .	2.0	9
16	Noncooperative Target Detection of Spacecraft Objects Based on Artificial Bee Colony Algorithm. IEEE Intelligent Systems, 2019, 34, 3-15.	4.0	8
17	A WPCA-Based Method for Detecting Fatigue Driving From EEG-Based Internet of Vehicles System. IEEE Access, 2019, 7, 124702-124711.	4.2	21
18	A secure hash function based on feedback iterative structure. Enterprise Information Systems, 2019, 13, 281-302.	4.7	11

#	ARTICLE	IF	CITATIONS
19	A semantic similarity analysis of Internet of Things. Enterprise Information Systems, 2018, 12, 820-855.	4.7	65
20	eTPM: A Trusted Cloud Platform Enclave TPM Scheme Based on Intel SGX Technology. Sensors, 2018, 18, 3807.	3.8	17
21	A Smart Bat Algorithm for Wireless Sensor Network Deployment in 3-D Environment. IEEE Communications Letters, 2018, 22, 2120-2123.	4.1	29
22	Melt Pressure Signature Tracking Using an Adaptive Kalman Filter in Microinjection Molding. Advances in Mechanical Engineering, 2013, 5, 801964.	1.6	1
23	Active Scalable Elastomer Mold to Ease Demolding of High Aspect Ratio Micro Features. Advanced Materials Research, 2012, 591-593, 880-883.	0.3	0
24	Comparisons of Different Elastomer Micro Molds. Advanced Materials Research, 2012, 591-593, 997-1000.	0.3	0
25	Enhanced nanoflow behaviors of polymer melts using dispersed nanoparticles and ultrasonic vibration. Nanoscale, 2011, 3, 4094.	5.6	18
26	System monitoring through element flow reasoning. Robotics and Computer-Integrated Manufacturing, 2011, 27, 221-233.	9.9	0
27	TAMING CHAOTIC ARRAYS BY PARAMETRIC EXCITATION WITH PROPER RANDOM PHASE. International Journal of Modern Physics C, 2009, 20, 1633-1643.	1.7	1
28	The Effect of Surface Features on Nanorheology of LCP Melts in Nanochannels by MD Simulation. Journal of Tribology, 2007, 129, 171-176.	1.9	2
29	Soft computing based procurement planning of time-variable demand in manufacturing systems. International Journal of Automation and Computing, 2007, 4, 80-87.	4.5	4
30	A Generic Reconfigurable Agent Model for distributed manufacturing system. , 2006, , .		1
31	Study of surface conditions and shear flow of LCP melts in nanochannels through molecular dynamics simulation. Polymer, 2006, 47, 4454-4460.	3.8	11
32	Molecular dynamics simulation of liquid crystal formation within semi-flexible main chain LCPs. Polymer, 2005, 46, 11881-11888.	3.8	10
33	A hierarchical multi-view modeling for Networked Joint Manufacturing System. Computers in Industry, 2004, 53, 59-73.	9.9	21
34	A pattern-based evolving mechanism for genetic algorithm to solve combinatorial optimization problems. , 0, , .		0
35	Rapidly Identify the Critical Parameter of MEMS Device Based on Element Model Library. Key Engineering Materials, 0, 483, 684-689.	0.4	0
36	The Interface Behavior of Micro Overmolding. Advanced Materials Research, 0, 591-593, 896-899.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Laser Drilling on Elastomeric Polymers. Advanced Materials Research, 0, 591-593, 307-310.	0.3	1
38	Laser Induced Forward Transfer. Advanced Materials Research, 0, 591-593, 1135-1138.	0.3	1
39	Alignment of Carbon Nanotubes in Polystyrene Using Vibration and Electric Field. Advanced Materials Research, 0, 591-593, 1117-1120.	0.3	0
40	P4Label: packet forwarding control mechanism based on P4 for software-defined networking. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	7