

Poh Kiat Ng

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

270
citations

1307594

7
h-index

1125743

13
g-index

60
all docs

60
docs citations

60
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Stress, Repetition, Fatigue and Work Environment on Human Error in Manufacturing Industries. <i>Journal of Applied Sciences</i> , 2014, 14, 3464-3471.	0.3	50
2	A Review of Intrinsic and Extrinsic Motivations of ESL Learners. <i>International Journal of Languages Literature and Linguistics</i> , 2015, 1, 98-105.	0.0	23
3	A review of shape and size considerations in pinch grips. <i>Theoretical Issues in Ergonomics Science</i> , 2014, 15, 305-317.	1.8	16
4	A review of different pinch techniques. <i>Theoretical Issues in Ergonomics Science</i> , 2014, 15, 517-533.	1.8	15
5	Innovating TQM, CE and KM for productive manufacturing in a Malaysian firm. <i>Total Quality Management and Business Excellence</i> , 2012, 23, 1089-1105.	3.8	13
6	An Empirical Study on E-Learning versus Traditional Learning among Electronics Engineering Students. <i>American Journal of Applied Sciences</i> , 2016, 13, 836-844.	0.2	10
7	Synthesising the roles of torque and sensation in pinch force: a framework. <i>Theoretical Issues in Ergonomics Science</i> , 2014, 15, 193-204.	1.8	9
8	Synthesisation of design features for multifunctional stretcher concepts. <i>Journal of Medical Engineering and Technology</i> , 2021, 45, 145-157.	1.4	9
9	Concurrent Knowledge Sharing and its Importance in Product Development. <i>Journal of Applied Sciences</i> , 2014, 14, 2978-2985.	0.3	8
10	Pinch Techniques and their Effects on Pinch Effort: A Pilot Study. <i>Applied Mechanics and Materials</i> , 0, 465-466, 1165-1169.	0.2	7
11	The Conceptual Synthesis and Development of a Multifunctional Lawnmower. <i>Inventions</i> , 2021, 6, 38.	2.5	7
12	The Importance of CAD and Knowledge Management in Concurrent Engineering Project Performance. <i>Journal of Information and Knowledge Management</i> , 2011, 10, 365-378.	1.1	6
13	Ergonomics aspects of knob designs: a literature review. <i>Theoretical Issues in Ergonomics Science</i> , 2015, 16, 86-98.	1.8	6
14	A triz-directed approach in proposing device-oriented ideas that cultivate water-drinking habits among children. <i>Cogent Engineering</i> , 2021, 8, .	2.2	6
15	The Design and Development of a Foldable Wheelchair Stretcher. <i>Inventions</i> , 2021, 6, 35.	2.5	6
16	The Effects of Different Tactile Sensations on Pinch Effort. <i>Applied Mechanics and Materials</i> , 0, 465-466, 1175-1179.	0.2	5
17	The Roles of Shape and Size in the Pinch Effort of Screw Knobs. <i>Applied Mechanics and Materials</i> , 0, 465-466, 1202-1206.	0.2	5
18	Reinforcing the Need for Green Practices Through a Green Knowledge Society. <i>Journal of Applied Sciences</i> , 2014, 14, 510-517.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Applying Clockwise and Counterclockwise Torque Directions in Pinch Grips: A Descriptive Study. <i>Applied Mechanics and Materials</i> , 0, 465-466, 1170-1174.	0.2	4
20	An assimilation of TRIZ in dissecting the statistical outcomes of tactile sensitivity, pinch force and endurance among elderly people. <i>Cogent Engineering</i> , 2021, 8, .	2.2	4
21	A TRIZ-driven conceptualisation of finger grip enhancer designs for the elderly. <i>F1000Research</i> , 2021, 10, 392.	1.6	4
22	Enforcement of Safety and Health Policy Reduces Human Error in SMEs in the Manufacturing Industry. <i>Advanced Science Letters</i> , 2017, 23, 10656-10659.	0.2	4
23	Sustaining Quality in Higher Education in Southeast Asia through Understanding Generational Changes. <i>Journal of Applied Sciences</i> , 2014, 14, 1819-1827.	0.3	4
24	The Conceptualisation and Development of a Space-Saving Multipurpose Table for Enhanced Ergonomic Performance. <i>Inventions</i> , 2021, 6, 67.	2.5	4
25	The Motivation of English Language Teachers in a Language Centre. <i>International Journal of Languages Literature and Linguistics</i> , 2015, 1, 87-92.	0.0	4
26	Design and Development of an Ergonomic Milling Machine Control Knob using TRIZ Principles. <i>American Journal of Applied Sciences</i> , 2016, 13, 451-458.	0.2	3
27	Development of Ergonomics Guidelines for Improved Sitting Postures in the Classroom among Malaysian University Students. <i>American Journal of Applied Sciences</i> , 2016, 13, 907-912.	0.2	3
28	Pinch Effort Variations with Torque, Shape, Size, Sensation and Technique. <i>Journal of Applied Sciences</i> , 2014, 14, 401-414.	0.3	3
29	Workplace ergonomics problems and solutions: Working from home. <i>F1000Research</i> , 0, 10, 1025.	1.6	3
30	Development and Usability Testing of a Finger Grip Enhancer for the Elderly. <i>Robotics</i> , 2022, 11, 5.	3.5	3
31	The role of time, cost and quality in project management. , 2011, , .		2
32	The role of TQM in a Malaysian manufacturing firm. , 2012, , .		2
33	Primary TQM practices and their effects on engineering performance in a Malaysian semiconductor firm. <i>International Journal of Services, Economics and Management</i> , 2012, 4, 344.	0.2	2
34	The Effects of Office Equipment Familiarity in Reducing Human Errors and Accidents. <i>Applied Mechanics and Materials</i> , 0, 564, 717-722.	0.2	2
35	The Development of an Automated Multi-Spit Lamb Rotisserie Machine for Improved Productivity. <i>Machines</i> , 2021, 9, 165.	2.2	2
36	The influence of total quality management, concurrent engineering and knowledge management in a semiconductor manufacturing firm. , 2010, , .		1

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37	A case study on the importance of knowledge management in creative product development. , 2011, , .		1
38	Influences of Body Position Selections on Knob Selections in Malaysian Manufacturing Industries. Applied Mechanics and Materials, 0, 761, 683-687.	0.2	1
39	Roles of Pinch Grips in Different Knob Selections among Malaysian Manufacturing Workers. Applied Mechanics and Materials, 0, 761, 688-692.	0.2	1
40	Ergonomic Knob Design Validation for Improved Musculoskeletal Comfort. Modern Applied Science, 2015, 10, 76.	0.6	1
41	A Review of Ergonomic Tools and Apparatus for the Ageing Population. Applied Mechanics and Materials, 0, 773-774, 814-817.	0.2	1
42	Usability Validation of an Ergonomic Inward Directional Screwdriver for Enhanced Musculoskeletal Comfort. American Journal of Applied Sciences, 2016, 13, 1076-1084.	0.2	1
43	A Comprehensive Review on the Development of Car Booster Seats for Children. Current Journal of Applied Science and Technology, 0, , 1-21.	0.3	1
44	A REVIEW ON HUMAN ERROR IN MALAYSIA MANUFACTURING INDUSTRIES. Journal of Information System and Technology Management, 2020, 5, 01-13.	0.1	1
45	A Preliminary Study on Ergonomic Contribution to the Engineering Design Approach of a Wheel Loader Control Lever System. Sustainability, 2022, 14, 122.	3.2	1
46	A Review of Modular Ergonomic Furniture Patents. Journal of Engineering Technology and Applied Physics, 2021, 3, 1-6.	0.1	1
47	A Review of China's Technological Developments in the 20th Century. Applied Mechanics and Materials, 2015, 773-774, 871-874.	0.2	0
48	Influences of Tactile Sensation on Pinch Force under Loaded and Unloaded Conditions. American Journal of Applied Sciences, 2015, 12, 588-592.	0.2	0
49	Effects of Pinch Technique, Torque Direction and Sensation on the Pinch Force in Loaded and Unloaded Conditions. Modern Applied Science, 2015, 9, 164.	0.6	0
50	Design Innovation and Validation of a Non-Electric Hearing Aid for Improved Usability. International Journal of Engineering and Technology(UAE), 2018, 7, 90.	0.3	0
51	Contextualising statistical evaluations of pinch force and endurance among young and elderly people using TRIZ techniques. Australian Journal of Mechanical Engineering, 2023, 21, 1065-1078.	2.1	0
52	Driving-induced lower back pain: Investigation of causes and recommendations with TRIZ. F1000Research, 0, 10, 871.	1.6	0
53	A case study on the importance of knowledge management in creative product development. , 2011, , .		0
54	The role of time, cost and quality in project management. , 2011, , .		0

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55	2309 Human Error and Production Rate Correlation in Assembly Process of Electronics Goods. The Proceedings of Design & Systems Conference, 2014, 2014.24, _2309-1_-_2309-6_.	0.0	0
56	TRIZ Applications in the Design of a Vacuum Sealed Package Opener. Journal of Engineering and Applied Sciences, 2019, 14, 9193-9197.	0.2	0
57	Exploring the Essential Word Lists for Engineering Education: Engaging the Vocabulary Profiling Approach (VPA). , 2021, , .		0
58	Integrated fuzzy AHP and TOPSIS as innovative student selection methodology at institutions of higher learning. Human Systems Management, 2022, , 1-13.	1.1	0
59	Blending a sweet pill to swallow with TRIZ and industry talks for enhanced learning during the COVID-19 pandemic. Human Systems Management, 2022, , 1-16.	1.1	0