

Mohamed Abdelawwad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2155982/publications.pdf>

Version: 2024-02-01

20
papers

291
citations

1478505
6
h-index

1199594
12
g-index

20
all docs

20
docs citations

20
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Airport terminal building capacity evaluation using queuing system. AEJ - Alexandria Engineering Journal, 2022, 61, 10109-10118.	6.4	4
2	Guided Hybrid Modified Simulated Annealing Algorithm for Solving Constrained Global Optimization Problems. Mathematics, 2022, 10, 1312.	2.2	13
3	Lithium cadmium phosphate glasses doped Sm ³⁺ as a host material for near-IR laser applications. Optical Materials, 2021, 111, 110638.	3.6	46
4	Functional Safety and Electric Vehicle Charging: Requirements Analysis and Design for a Safe Charging Infrastructure System. , 2021, , .		3
5	Communication SoC based on 1oo2D architecture for industrial human-robot-collaboration. , 2021, , .		0
6	SoC approach for low cost and low power consumption based on ARM Cortex M3 according to ISO 26262. , 2021, , .		2
7	Safe-System-on-Chip for Functional Safety. , 2021, , .		1
8	Überwachung des Mensch-Roboter-Kollaborationsraums mittels Millimeterwellen-Radar. ZWF Zeitschrift Für Wirtschaftlichen Fabrikbetrieb, 2021, 116, 377-381.	0.3	2
9	Functional Safety and Electric Vehicle Charging: Requirements Analysis and Design for a Safe Charging Infrastructure System. , 2021, , .		0
10	RISC-V Based Safety System-on-Chip with Hardware Comparator. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	0
11	Efficiency Measurement of Compressed Air Compressors Using High Availability SoC with 1oo2 Redundancy Architecture. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	0
12	Visible and mid-infrared spectral emissions and radiative rates calculations of Tm ³⁺ doped BBLC glass. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 242, 118774.	3.9	50
13	Judd-Ofelt analysis and physical properties of erbium modified cadmium lithium gadolinium silicate glasses. Journal of Materials Science: Materials in Electronics, 2020, 31, 4986-4996.	2.2	49
14	Safe Position Detection Based on Safety System-on-Chip (SSoC) for Wireless IoT Application. International Journal of Circuits, Systems and Signal Processing, 2020, 14, 1040-1046.	0.3	4
15	Approach for a Safe-SoC for Cyber-physical Application according to IEC 61508. International Journal of Computers, 2020, 14, 77-80.	0.2	3
16	soc-approach for Safety-oriented Multi-channel Communication in Industrial Application of Human-robot-collaboration (HRC). International Journal of Computers, 2020, 14, 69-72.	0.2	2
17	Spectroscopic properties and Judd-Ofelt analysis of Dy ³⁺ ions in molybdenum borosilicate glasses. Journal of Luminescence, 2018, 196, 477-484.	3.1	46
18	FPGA Implementation of a Safety System-on-Chip Based on 1oo4 Architecture Using LEON3 Processor. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Optical characterizations and Judd-Ofelt analysis of Dy ³⁺ doped borosilicate glasses. Optical Materials, 2017, 72, 169-176.	3.6	55
20	Optical amplification and photodegradation in films of spiro-quaterphenyl and its derivatives. Journal of Luminescence, 2015, 159, 47-54.	3.1	7