

السيرة العلمية

صورة	المدرس خلود اسكندر داغر		الاسم
	بغداد – عراق	1977-10-23	تاريخ الولادة
		عربية	القومية
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الدرجات العلمية

التاريخ	القسم	الجامعة	البلد المانح	الدرجة
2002	هندسة السيطرة والنظم	التكنولوجية	العراق	البكالوريوس
2006	هندسة السيطرة والنظم	التكنولوجية	العراق	الماجستير

المراتب العلمية

التاريخ	المرتبة العلمية
10-4-2007	مدرس مساعد
13-2-2014	مدرس
2019-2-26	استاذ مساعد

ResearchGate.net

درجته على بوابة البحث Research gate : 4.18
https://www.researchgate.net/profile/Khulood_Dagher2

Googlescholar.com

معامل هرتش H-index : 5
<https://scholar.google.com/citations?user=N0cAjj4AAAAJ&hl=en>

البحوث المنشورة في مجلات محلية و عالمية ومؤتمرات محلية عالمية

No.	Title of paper	Publisher	Date
1	Design of an Adaptive PID Neural Controller for Continuous Stirred Tank Reactor based on Particle Swarm Optimization	Al-Khwarizmi Engineering Journal.	Vol. 9, No. 4, pp. 46-53. (2013).
2	Design of an Auto-Tuning PID Controller for Systems based on Slice Genetic Algorithm.	Journal of Computer, Communication, Control and Systems Engineering, Scientific Journal. Published by University of Technology,	Vol. 13. No. 3. pp. 1-9. (2013).

3	Design of a Nonlinear PID Neural Trajectory Tracking Controller for Mobile Robot Based on Optimization algorithm.	Engineering and Technology Journal.	Vol. 32, No. 4, pp. 973-985. (2014).
4	Applying Slice Genetic Algorithm in Designing a Nonlinear PID Neural Trajectory Tracking Controller for Mobile Robot.	The Second Engineering Conference of Control, Computers and Mechatronics (ECCCM2 February 25-27, 2014). University of Technology. Baghdad – Iraq.	pp.189-194. (2014)
5	Cognitive Neural Controller for Mobile Robot.	Journal of Computer, Communication, Control and Systems Engineering, Scientific Journal. Published by University of Technology,	Vol. 14, No.1, pp.46-60, (2015).
6	On-Line Tuning Sliding Mode Controller Design for Nonlinear Inverted Pendulum System based on Bees Algorithm.	Engineering and Technology Journal.	Vol. 34, No. 8, pp. 1575-1587, (2016).
7	Design of a Cognitive Nonlinear Neural Controller for Mobile Robot based on Intelligent Algorithm.	The second Al-Sadiq International Conference on Multidisciplinary in IT and Communication Science and Applications	(2 nd – AIC-MITC), (2017).
8	A Nonlinear MIMO-PID Neural Controller Design for Vehicle Lateral Dynamics model Based on Modified Elman Neural Network.	Journal of Engineering, Baghdad University,	Vol. 24, No. 1, pp. 173-191, (2018).
9	Modified Elman Neural-PID Controller Design for DC-DC Buck Converter System based on Dolphin Echolocation Optimization.	Al-Khwarizmi Engineering Journal.	Vol. 14, No. 3, pp. 129-140, (2018)
10	A Cognition Path Planning with a Nonlinear Controller Design for Wheeled Mobile Robot Based on an Intelligent Algorithm	Journal of Engineering, Baghdad University	Vol. 25, No. 1, pp. 64-83, (2019)
11	An Intelligent Cognitive System Design for Mobile Robot based on Optimization Algorithm	Third Science Conference of Electrical Engineering 2018, University of Technology, Baghdad-Iraq	19-20 Dec (2018)
12	Design of an Adaptive Neural Voltage-Tracking Controller for Nonlinear Proton Exchange Membrane Fuel Cell System Based on Optimization Algorithms	Journal of Engineering and Applied Sciences	Vol. 13, No. 15, pp. 6188-6198, (2018)
13	A Comparative Study for Wheeled Mobile Robot Path Planning Based on Modified Intelligent Algorithms	Iraqi Journal for Mechanical and Materials Engineering	Vol. 19, No. 1, pp. 60-74, (2019)
14	Real-Time Adaptive Intelligent FPGA-based Back-Stepping Control Law Design for a Nonlinear Magnetic Ball Levitation System	Journal of Engineering and Applied Sciences	Vol. 14, No. 18, pp. 6912-6929, (2019)
15	Design of a Nonlinear Self-Tuning Parameters Algorithm for Different Types of PID Controllers based on Artificial Intelligent	ARPJ Journal of Engineering and Applied Sciences	Vol. 14, No. 2, pp. 485-493 (2019)

16	Design of Optimum SIMO-PID Neural Voltage-Tracking Controller for Non-linear Fuel Cell System based on Comparative Study of Various Intelligent Swarm"	First International Conference on sustainable energy and Technology (INTCSET)	15th-16th December (2020)
17	Airborne Computer System Path-Tracking Based Multi-PID-PSO Controller Design	International Journal of Intelligent Engineering and Systems	Vol.14, No.3, pp.403-411 (2021)

المواد الدراسية منذ 2010 الى حد الان

Class	Year	Subjects	No.
Third	2010-2011 2011-2012	Java Networks Programming	1
First	2012-2013	Digital Logic Design	2
Fourth	2012-2013	FPGA Programming	3
Fourth	2013-2016	MATLAB and LabVIEW Packages	4
Third	2014-2015 2015-2016	Electronic Circuits Design	5
Fourth	2016-2017	Laboratory FPGA Design	6
Fourth	2016-2017	VHDL Programming Language	7
Third	2017-2018	Electronic Circuits Design	8
Fourth	2017-2019	Laboratory FPGA Design	9
Fourth	2017-2019	Applications of Mechatronics Systems Laboratory	10
Third	2019-2020	Digital Signal Processing	11
Third	2019-2020	VHDL Programming Language FPGA-ISE Package	12
Third	2020-2021	Digital Signal Processing	
Second	2020-2021	MATLAB	13