

# Girish Parmar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9547692/publications.pdf>

Version: 2024-02-01

61  
papers

620  
citations

1051969

10  
h-index

799663

21  
g-index

65  
all docs

65  
docs citations

65  
times ranked

322  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Enhanced Tuning of PID Controller via Hybrid Stochastic Fractal Search Algorithm for Control of DC Motor. Lecture Notes in Electrical Engineering, 2022, , 185-194.	0.3	3
2	A hybrid grey wolf optimisation and pattern search algorithm for automatic generation control of multi-area interconnected power systems. International Journal of Advanced Intelligence Paradigms, 2021, 18, 265.	0.2	7
3	Discrete-Time System Approximation Using Hybrid Method Based on Fuzzy C-Means Clustering. Journal of the Institution of Engineers (India): Series B, 2021, 102, 487-495.	1.3	0
4	A new soft computing approach for order diminution of interval system. International Journal of Systems Assurance Engineering and Management, 2020, 11, 366-373.	1.5	7
5	Lossless robust color image watermarking using lifting scheme and GWO. International Journal of Systems Assurance Engineering and Management, 2020, 11, 320-331.	1.5	12
6	Lossless Color Image Watermarking Based on Lifting Scheme and GWO for Copyright Protection. Advances in Intelligent Systems and Computing, 2020, , 1269-1280.	0.5	0
7	SFS/PI Approach for AGC of Two Area Interconnected Thermal Power System. Lecture Notes in Electrical Engineering, 2020, , 91-102.	0.3	1
8	hyGWO-PS Tuned FOPID for AGC of Three Area Interconnected Hydro-Thermal Power System. Lecture Notes in Electrical Engineering, 2020, , 697-711.	0.3	1
9	A new approach for simplification and control of linear time invariant systems. Microsystem Technologies, 2019, 25, 599-607.	1.2	17
10	Application of stochastic fractal search in approximation and control of LTI systems. Microsystem Technologies, 2019, 25, 105-114.	1.2	35
11	Single phase standalone photovoltaic micro system with six level inverter topology. Microsystem Technologies, 2019, 25, 4537-4545.	1.2	1
12	Application of GWO with Different Performance Indices for BH System. , 2019, , .		2
13	Robustness Analysis with Perturbation for Control System with GWO. , 2019, , .		0
14	Non-blind Arnold scrambled hybrid image watermarking in YCbCr color space. Microsystem Technologies, 2019, 25, 3071-3081.	1.2	29
15	Analysis of grey wolf optimizer based fractional order PID controller in speed control of DC motor. Microsystem Technologies, 2018, 24, 4997-5006.	1.2	70
16	Comparative Analysis of PID Controller for Speed Control of DC motor with Intelligent Optimization Algorithms. , 2018, , .		3
17	Application of GWO in Design of Fractional Order PID Controller for Control of DC Motor and Robustness Analysis. , 2018, , .		3
18	Performance evaluation of GWO/PID approach in control of ball hoop system with different objective functions and perturbation. Cogent Engineering, 2018, 5, 1465328.	1.1	13

#	ARTICLE	IF	CITATIONS
19	GWO/PID Approach for Optimal Control of DC Motor. , 2018, , .		10
20	Comparison of DE optimized PID controllers for AGC of interconnected power system. , 2017, , .		1
21	Application of Stochastic Fractal Search in order reduction of large scale LTI systems. , 2017, , .		7
22	Image watermarking using IWT-SVD and its comparative analysis with DWT-SVD. , 2017, , .		12
23	Application of SFS algorithm in control of DC motor and comparative analysis. , 2017, , .		28
24	Reduced order modelling of ltsystems using invasive weed optimization. , 2017, , .		1
25	DESIGN ANALYSIS AND MODELING OF DIRECTIONAL UWB ANTENNA WITH ELLIPTICAL SLOTTED GROUND STRUCTURE FOR APPLICATIONS IN C- & X-BANDS. Progress in Electromagnetics Research C, 2016, 63, 193-207.	0.6	8
26	Order reduction of linear continuous time interval system using mixed evolutionary technique. , 2016, , .		0
27	hGWO-PS optimized 2DOF-PID controller for non reheat two areas interconnected thermal power plants: A comparative study. , 2016, , .		11
28	Order reduction of interval systems using Big bang Big crunch and Routh approximation. , 2016, , .		4
29	Design and investigation of planar technology based ultra-wideband antenna with directional radiation patterns. AIP Conference Proceedings, 2016, , .	0.3	0
30	A robust image watermarking technique using 2-level discrete wavelet transform (DWT). , 2016, , .		22
31	Optimal LFC system of interconnected thermal power plants using hybrid particle swarm optimization-pattern search algorithm (hPSO-PS). , 2016, , .		6
32	New electronically controllable grounded to floating admittance converter with no requirement of passive elements. , 2016, , .		0
33	PERFORMANCE OF PID CONTROLLER OF NONLINEAR SYSTEM USING SWARM INTELLIGENCE TECHNIQUES. ICTACT Journal on Soft Computing, 2016, 6, 1314-1318.	0.7	2
34	Multi band circularly polarized asymmetrical fractal boundary microstrip patch antenna using DGS for (2.58/3.02/5.58/6.44GHZ). , 2015, , .		3
35	Elliptical shape ground plane directional ultra-wideband antenna for microwave imaging applications. , 2015, , .		0
36	A comparative study of Differential Evolution and Simulated Annealing for order reduction of large scale systems. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
37	Dual wide band circularly polarized circular patch antenna with two half parasitic rings and defected ground structure. , 2015, , .		2
38	Model order reduction of transformer linear section model using Simulated Annealing. , 2015, , .		3
39	Comparative analysis of fuzzy and LQR for water level control of U-tube steam generator. , 2015, , .		1
40	Design frequency reconfigurable microstrip patch antenna for S-band applications. , 2015, , .		1
41	Design of frequency reconfigurable microstrip patch antenna for S-Band and C-Band applications. , 2015, , .		9
42	Audio Watermarking Based on Amplitude Variation to Enhance Imperceptibility and Robustness of an Audio Signal. , 2015, , .		0
43	Frequency reconfigurable microstrip patch antenna with circular slot for K-band application. , 2015, , .		0
44	Parabolic shape ground plane having T-slots directional UWB antenna for airborne radar system. , 2015, , .		4
45	Discrete wavelet transform-based color image watermarking using uncorrelated color space and artificial bee colony. International Journal of Computational Intelligence Systems, 2015, 8, 364.	1.6	29
46	Utilizing different types of sequences for audio watermarking based on time spread echo method. , 2015, , .		2
47	Environmental Noise Cancellation by Using Neuro Fuzzy Adaptive Filtering. , 2015, , .		0
48	Audio watermarking by spreading echo in time domain using pseudo noise gray sequence. , 2015, , .		3
49	Digital image watermarking using steerable pyramid transform and uncorrelated color space. , 2014, , .		0
50	Digital image watermarking using uncorrelated color space. , 2014, , .		5
51	Implementation of Different Non-recursive FIR Band-Pass Filters Using Fractional Fourier Transform. , 2012, , .		2
52	Design reconfigurable tapered slot antenna. , 2012, , .		1
53	Reconfigurable tapered slot antenna for wireless applications. , 2011, , .		0
54	An Effective Way to Hide the Secret Audio File Using High Frequency Manipulation. Communications in Computer and Information Science, 2011, , 125-130.	0.4	2

#	ARTICLE	IF	CITATIONS
55	Linear Multivariable System Reduction Using Particle Swarm Optimization and A Comparative Study Using Relative Integral Square Error. Communications in Computer and Information Science, 2010, , 339-347.	0.4	1
56	System order reduction using GA for unit impulse input and a comparative study using ISE & IRE. , 2009, , .		15
57	A Mixed Method for Large-Scale Systems Modelling using Eigen Spectrum Analysis and Cauer Second Form. IETE Journal of Research, 2007, 53, 93-102.	1.8	24
58	Reduced order modelling of linear MIMO systems using genetic algorithm. International Journal of Simulation Modelling, 2007, 6, 173-184.	0.6	32
59	Reduced order modelling of linear multivariable systems using particle swarm optimisation technique. International Journal of Innovative Computing and Applications, 2007, 1, 128.	0.2	3
60	System reduction using eigen spectrum analysis and Pad $\hat{A}$ approximation technique. International Journal of Computer Mathematics, 2007, 84, 1871-1880.	1.0	37
61	System reduction using factor division algorithm and eigen spectrum analysis. Applied Mathematical Modelling, 2007, 31, 2542-2552.	2.2	118