

Rabah W Aldhaheri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8658787/publications.pdf>

Version: 2024-02-01

48
papers

478
citations

686830

13
h-index

752256

20
g-index

49
all docs

49
docs citations

49
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-Channel AlGaIn/GaN High Electron Mobility Transistor With Back Barriers. IEEE Electron Device Letters, 2012, 33, 1690-1692.	2.2	63
2	Model order reduction via real Schur-form decomposition. International Journal of Control, 1991, 53, 709-716.	1.2	56
3	Aggregation of the policy iteration method for nearly completely decomposable Markov chains. IEEE Transactions on Automatic Control, 1991, 36, 178-187.	3.6	33
4	DESIGN OF A COMPACT TWO ELEMENT MIMO ANTENNA SYSTEM WITH IMPROVED ISOLATION. Progress in Electromagnetics Research Letters, 2014, 48, 27-32.	0.4	30
5	16-Port Non-Planar MIMO Antenna System With Near-Zero-Index (NZI) Metamaterial Decoupling Structure for 5G Applications. IEEE Access, 2020, 8, 157946-157958.	2.6	25
6	Effect of unmodeled actuator dynamics on output feedback stabilization of nonlinear systems. Automatica, 1996, 32, 1323-1327.	3.0	24
7	Electrical spin injection using GaCrN in a GaN based spin light emitting diode. Applied Physics Letters, 2013, 103, .	1.5	23
8	An Improved Uniplanar Front-Directional Antenna for Dual-Band RFID Readers. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1438-1441.	2.4	22
9	A new design approach for dual-band patch antenna serving Ku/K band satellite communications. International Journal of Satellite Communications and Networking, 2016, 34, 759-769.	1.2	19
10	A Very Compact and Low Profile UWB Planar Antenna with WLAN Band Rejection. Scientific World Journal, The, 2016, 2016, 1-7.	0.8	18
11	Design of a compact MIMO antenna system with reduced mutual coupling. International Journal of Microwave and Wireless Technologies, 2016, 8, 117-124.	1.5	18
12	Encapsulation of 5-Fluorouracil into PLGA Nanofibers and Enhanced Anticancer Effect in Combination with Ajwa-Dates-Extract (<i>Phoenix dactylifera L</i>.). Journal of Biomedical Nanotechnology, 2018, 14, 553-563.	0.5	15
13	Design of linear-phase IIR digital filters using singular perturbational model reduction. IET Computer Vision, 2000, 147, 409.	1.3	13
14	Frequency-domain model reduction approach to design IIR digital filters using orthonormal bases. AEU - International Journal of Electronics and Communications, 2006, 60, 413-420.	1.7	13
15	An effective technique based on offset fed patch to enhance the bandwidth of microstrip planar antenna. Microwave and Optical Technology Letters, 2016, 58, 1221-1226.	0.9	12
16	A Modified Compact Flexible Vivaldi Antenna Array Design for Microwave Breast Cancer Detection. Applied Sciences (Switzerland), 2022, 12, 4908.	1.3	10
17	Aggregation and optimal control of nearly completely decomposable Markov chains. , 0, , .		9
18	Wide band FSS for increased thermal and communication efficiency in smart buildings. , 2014, , .		9

#	ARTICLE	IF	CITATIONS
19	Balanced realization of non-minimal MIMO discrete-time systems. International Journal of Systems Science, 1994, 25, 173-182.	3.7	7
20	Effect of electrospinning parameters on nanofiber diameter made of poly (vinyl alcohol) as determined by Atomic Force Microscopy. , 2014, , .		7
21	A real Schur form method for modeling singularly perturbed systems. IEEE Transactions on Automatic Control, 1989, 34, 856-861.	3.6	6
22	Design of 2-D Linear Phase Digital Filters Using Schur Decomposition and Symmetries. Multidimensional Systems and Signal Processing, 2004, 15, 65-81.	1.7	6
23	Performance study of adaptive modulation and coding schemes in WiMAX OFDM-based system. , 2009, , .		6
24	Combined schur/L2-model reduction for non-minimal systems. Optimal Control Applications and Methods, 1992, 13, 169-177.	1.3	4
25	Text-independent speaker identification in noisy environment using singular value decomposition. , 0, , .		4
26	A novel <scp>UWB</scp> rectangular slot disk monopole antenna with bandâ€notch characteristics. Microwave and Optical Technology Letters, 2015, 57, 2405-2410.	0.9	4
27	New dual-band frequency selective surface for GSM shielding in secure-electromagnetic buildings using square loop fractal configurations. , 2016, , .		4
28	Robust Text-independent Speaker Recognition with Short Utterance in Noisy Environment Using SVD as a Matching Measure. Journal of King Saud University - Computer and Information Sciences, 2004, 17, 25-44.	2.7	3
29	Design of a compact UWB antenna with a partial ground plane on epoxy woven glass material. Science and Engineering of Composite Materials, 2017, 24, 73-79.	0.6	3
30	Approximation of FIR by IIR digital filters using orthonormal bases. , 0, , .		2
31	Schur Decomposition and Model Reduction in the Design of Two-Dimensional Separable-Denominator Digital Filters. International Journal of Systems Science, 2003, 34, 83-92.	3.7	2
32	Performance analysis of fixed and mobile WiMAX MC-CDMA-based system. , 2010, , .		2
33	Characteristics of ferromagnetic Schottky diodes on heavily n-doped GaN semiconductor. , 2012, , .		1
34	A cupcake shaped CPW-fed printed antenna for UWB applications. , 2016, , .		1
35	A Simple and Compact CPW-Fed UWB Antenna with WLAN Band Rejection. , 2019, , .		1
36	Performance Study of Locality and Its Impact on Peer-to-Peer Systems. Communications and Network, 2015, 07, 12-20.	0.6	1

#	ARTICLE	IF	CITATIONS
37	Decomposition of two-time-scale linear systems via the relevant eigenspace. International Journal of Control, 1995, 61, 549-557.	1.2	0
38	Design of 2-D quadrantally symmetric IIR digital filter using singular value decomposition and ordered real Schur form. , 0, , .		0
39	Spatial-Domain Design of 2-D Quadrantal Symmetric Digital Filters Using Singular-value Decomposition and Singular Perturbation Model Reduction. Journal of King Saud University, Engineering Sciences, 2003, 15, 113-127.	1.2	0
40	An Automatic Qari Recognition System. , 2012, , .		0
41	Design of high gain slotted patch antenna with defected ground for WLAN/WiMAX applications. International Journal of Applied Electromagnetics and Mechanics, 2015, 49, 251-262.	0.3	0
42	A compact ultra-wideband MIMO antenna with improved isolation. , 2015, , .		0
43	Microstrip line-fed monopole antenna on an epoxy-resin-reinforced woven-glass material for super wideband applications. Science and Engineering of Composite Materials, 2017, 24, 361-370.	0.6	0
44	Low Profile and High Isolation MIMO Antenna for WLAN Application. , 2019, , .		0
45	Vehicle Speed Estimation Using Gaussian Mixture Model and Kalman Filter. International Journal of Computers, Communications and Control, 2021, 16, .	1.2	0
46	Investigation of high mobility two-dimensional electron gas in AlGaIn/GaN heterostructures grown by hydride vapor phase epitaxy (HVPE). The International Conference on Electrical Engineering, 2008, 6, 1-9.	0.0	0
47	Aggregation/Disaggregation Methods for Computing the Stationary Distribution of Markov Chains with Application to Multiprogramming System. Journal of King Abdulaziz University-Engineering Sciences, 1994, 6, 115-135.	0.0	0
48	Development of Meandered Stripline-Fed Dualband Patch Antenna for WLAN/WiMAX. Elektronika Ir Elektrotehnika, 2016, 22, .	0.4	0