

Rabah W Aldhaheri

List of Publications by Year in descending order

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48
papers

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686830

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49
all docs

49
docs citations

49
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	A Modified Compact Flexible Vivaldi Antenna Array Design for Microwave Breast Cancer Detection. Applied Sciences (Switzerland), 2022, 12, 4908.	1.3	10
2	Vehicle Speed Estimation Using Gaussian Mixture Model and Kalman Filter. International Journal of Computers, Communications and Control, 2021, 16, .	1.2	0
3	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
4	A Simple and Compact CPW-Fed UWB Antenna with WLAN Band Rejection. , 2019, , .		1
5	Low Profile and High Isolation MIMO Antenna for WLAN Application. , 2019, , .		0
6	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
7	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
8	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
9	A Very Compact and Low Profile UWB Planar Antenna with WLAN Band Rejection. Scientific World Journal, The, 2016, 2016, 1-7.	0.8	18
10	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
11	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
12	A cupcake shaped CPW-fed printed antenna for UWB applications. , 2016, , .		1
13	New dual-band frequency selective surface for GSM shielding in secure-electromagnetic buildings using square loop fractal configurations. , 2016, , .		4
14	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
15	Development of Meandered Stripline-Fed Dualband Patch Antenna for WLAN/WiMAX. Elektronika Ir Elektrotehnika, 2016, 22, .	0.4	0
16	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
17	A novel <sc>UWB</sc> rectangular slot disk monopole antenna with band-notch characteristics. Microwave and Optical Technology Letters, 2015, 57, 2405-2410.	0.9	4
18	A compact ultra-wideband MIMO antenna with improved isolation. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Performance Study of Locality and Its Impact on Peer-to-Peer Systems. Communications and Network, 2015, 07, 12-20.	0.6	1
20	DESIGN OF A COMPACT TWO ELEMENT MIMO ANTENNA SYSTEM WITH IMPROVED ISOLATION. Progress in Electromagnetics Research Letters, 2014, 48, 27-32.	0.4	30
21	Effect of electrospinning parameters on nanofiber diameter made of poly (vinyl alcohol) as determined by Atomic Force Microscopy. , 2014, , .		7
22	Wide band FSS for increased thermal and communication efficiency in smart buildings. , 2014, , .		9
23	Electrical spin injection using GaCrN in a GaN based spin light emitting diode. Applied Physics Letters, 2013, 103, .	1.5	23
24	An Improved Uniplanar Front-Directional Antenna for Dual-Band RFID Readers. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1438-1441.	2.4	22
25	Characteristics of ferromagnetic Schottky diodes on heavily n-doped GaN semiconductor. , 2012, , .		1
26	An Automatic Qari Recognition System. , 2012, , .		0
27	Double-Channel AlGaIn/GaN High Electron Mobility Transistor With Back Barriers. IEEE Electron Device Letters, 2012, 33, 1690-1692.	2.2	63
28	Performance analysis of fixed and mobile WiMAX MC-CDMA-based system. , 2010, , .		2
29	Performance study of adaptive modulation and coding schemes in WiMAX OFDM-based system. , 2009, , .		6
30	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
31	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
32	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
33	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
34	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
35	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
36	Design of linear-phase IIR digital filters using singular perturbational model reduction. IET Computer Vision, 2000, 147, 409.	1.3	13

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37	Effect of unmodeled actuator dynamics on output feedback stabilization of nonlinear systems. Automatica, 1996, 32, 1323-1327.	3.0	24
38	Decomposition of two-time-scale linear systems via the relevant eigenspace. International Journal of Control, 1995, 61, 549-557.	1.2	0
39	Balanced realization of non-minimal MIMO discrete-time systems. International Journal of Systems Science, 1994, 25, 173-182.	3.7	7
40	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
41	Combined schur/L2-model reduction for non-minimal systems. Optimal Control Applications and Methods, 1992, 13, 169-177.	1.3	4
42	Aggregation of the policy iteration method for nearly completely decomposable Markov chains. IEEE Transactions on Automatic Control, 1991, 36, 178-187.	3.6	33
43	Model order reduction via real Schur-form decomposition. International Journal of Control, 1991, 53, 709-716.	1.2	56
44	A real Schur form method for modeling singularly perturbed systems. IEEE Transactions on Automatic Control, 1989, 34, 856-861.	3.6	6
45	Aggregation and optimal control of nearly completely decomposable Markov chains. , 0, , .		9
46	Approximation of FIR by IIR digital filters using orthonormal bases. , 0, , .		2
47	Design of 2-D quadrantally symmetric IIR digital filter using singular value decomposition and ordered real Schur form. , 0, , .		0
48	Text-independent speaker identification in noisy environment using singular value decomposition. , 0, , .		4