

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109 papers	1,258 citations	19 h-index	29 g-index
119 ext. papers	1,514 ext. citations	2.4 avg, IF	5.15 L-index

#	Paper	IF	Citations
109	An artificial neural network approach for under-reamed piles subjected to uplift forces in dry sand. <i>Neural Computing and Applications</i> , 2019 , 31, 327-336	4.8	86
108	Application of Mesenchymal Stem Cells in Melanoma: A Potential Therapeutic Strategy for Delivery of Targeted Agents. <i>Current Medicinal Chemistry</i> , 2016 , 23, 455-63	4.3	76
107	Roles of GM-CSF in the Pathogenesis of Autoimmune Diseases: An Update. <i>Frontiers in Immunology</i> , 2019 , 10, 1265	8.4	59
106	Sardasht-Iran cohort study of chemical warfare victims: design and methods. <i>Archives of Iranian Medicine</i> , 2009 , 12, 5-14	2.4	54
105	Alterations in serum levels of inflammatory cytokines (TNF, IL-1alpha, IL-1beta and IL-1Ra) 20 years after sulfur mustard exposure: Sardasht-Iran cohort study. <i>International Immunopharmacology</i> , 2009 , 9, 1466-70	5.8	51
104	Gene-knocked out chimeric antigen receptor (CAR) T cells: Tuning up for the next generation cancer immunotherapy. <i>Cancer Letters</i> , 2018 , 423, 95-104	9.9	43
103	Effect of Probiotic Soy Milk on Serum Levels of Adiponectin, Inflammatory Mediators, Lipid Profile, and Fasting Blood Glucose Among Patients with Type II Diabetes Mellitus. <i>Probiotics and Antimicrobial Proteins</i> , 2017 , 9, 41-47	5.5	42
102	Design of a microstrip diplexer with a novel structure for WiMAX and wireless applications. <i>AEU - International Journal of Electronics and Communications</i> , 2017 , 77, 18-22	2.8	28
101	Optimization of human Th17 cell differentiation in vitro: evaluating different polarizing factors. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011 , 47, 581-92	2.6	26
100	Prediction of the heat transfer rate of a single layer wire-on-tube type heat exchanger using ANFIS. <i>International Journal of Refrigeration</i> , 2009 , 32, 1914-1917	3.8	26
99	Immunomodulatory effects of human amniotic epithelial cells on naive CD4 T cells from women with unexplained recurrent spontaneous abortion. <i>Placenta</i> , 2018 , 71, 31-40	3.4	26
98	Method and key points for isolation of human amniotic epithelial cells with high yield, viability and purity. <i>BMC Research Notes</i> , 2017 , 10, 552	2.3	23
97	An experimental investigation of HA/AL2O3 nanoparticles on mechanical properties of restoration materials. <i>Engineering Solid Mechanics</i> , 2014 , 2, 173-182	1.3	23
96	The role of toll like receptors in pregnancy. <i>International Journal of Fertility & Sterility</i> , 2013 , 7, 147-54	1.9	23
95	Preparation and characterization of a novel nanobody against T-cell immunoglobulin and mucin-3 (TIM-3). <i>Iranian Journal of Basic Medical Sciences</i> , 2016 , 19, 1201-1208	1.8	23
94	CNT-MOSFET modeling based on artificial neural network: Application to simulation of nanoscale circuits. <i>Solid-State Electronics</i> , 2010 , 54, 52-57	1.7	22
93	Deciphering biological characteristics of tumorigenic subpopulations in human colorectal cancer reveals cellular plasticity. <i>Journal of Research in Medical Sciences</i> , 2016 , 21, 64	1.6	22

92	Impaired Akt phosphorylation in B-cells of patients with common variable immunodeficiency. <i>Clinical Immunology</i> , 2017 , 175, 124-132	9	21
91	Design and Optimization of Full Comparator Based on Quantum-Dot Cellular Automata. <i>ETRI Journal</i> , 2012 , 34, 284-287	1.4	20
90	Design of novel efficient adder and subtractor for quantum-dot cellular automata. <i>International Journal of Circuit Theory and Applications</i> , 2015 , 43, 1446-1454	2	18
89	Parameters estimation of squirrel-cage induction motors using ANN and ANFIS. <i>AEJ - Alexandria Engineering Journal</i> , 2016 , 55, 357-368	6.1	18
88	Dust events, pulmonary diseases and immune system. <i>American Journal of Clinical and Experimental Immunology</i> , 2014 , 3, 20-9	1.2	18
87	Gene expression analysis of VEGF and its receptors and assessment of its serum level in unexplained recurrent spontaneous abortion. <i>Cell Journal</i> , 2015 , 16, 538-45	2.4	18
86	Human amniotic epithelial cells inhibit activation and pro-inflammatory cytokines production of naive CD4+ T cells from women with unexplained recurrent spontaneous abortion. <i>Reproductive Biology</i> , 2018 , 18, 182-188	2.3	17
85	Alterations in the serum levels of chemokines 20 years after sulfur mustard exposure: Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2009 , 9, 1471-6	5.8	17
84	Prophylactic DNA vaccine targeting Foxp3 regulatory T cells depletes myeloid-derived suppressor cells and improves anti-melanoma immune responses in a murine model. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 367-379	7.4	17
83	Design of a novel compact microstrip diplexer with low insertion loss. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 1672-1676	1.2	16
82	Innate lymphoid cells and cytokines of the novel subtypes of helper T cells in asthma. <i>Asia Pacific Allergy</i> , 2014 , 4, 212-21	1.9	16
81	Variations in T-helper 17 and Regulatory T Cells during The Menstrual Cycle in Peripheral Blood of Women with Recurrent Spontaneous Abortion. <i>International Journal of Fertility & Sterility</i> , 2014 , 8, 59-66 ^{1.9}	1.9	16
80	Cell cycle analysis of the CD133(+) and CD133(-) cells isolated from human colorectal cancer. <i>Journal of Cancer Research and Therapeutics</i> , 2012 , 8, 399-403	1.2	15
79	Design of a microstrip dual-frequency diplexer using microstrip cells analysis and coupled lines components. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 1467-1471	0.8	14
78	Compact low-loss microstrip diplexer using novel engraved semi-patch cells for GSM and WLAN applications. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 87, 158-163	2.8	14
77	Design of microstrip wide stopband quad-band bandpass filters for multi-service communication systems. <i>AEU - International Journal of Electronics and Communications</i> , 2017 , 81, 136-142	2.8	14
76	Fibrinogen and inflammatory cytokines in spontaneous sputum of sulfur-mustard-exposed civilians--Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2013 , 17, 968-73	5.8	13
75	Long term impact of sulfur mustard exposure on peripheral blood mononuclear subpopulations--Sardasht-Iran Cohort Study (SICS). <i>International Immunopharmacology</i> , 2013 , 17, 931-5	5.8	13

74	Design of a compact narrowband quad-channel diplexer for multi-channel long-range RF communication systems. <i>Analog Integrated Circuits and Signal Processing</i> , 2018 , 94, 1-8	1.2	12
73	Modeling and simulation of combinational CMOS logic circuits by ANFIS. <i>Microelectronics Journal</i> , 2010 , 41, 381-387	1.8	12
72	MicroRNA-92a Drives Th1 Responses in the Experimental Autoimmune Encephalomyelitis. <i>Inflammation</i> , 2019 , 42, 235-245	5.1	12
71	Modeling of mechanical properties of roller compacted concrete containing RHA using ANFIS. <i>Computers and Concrete</i> , 2017 , 19, 435-442		11
70	Down-regulation of inflammatory signaling pathways despite up-regulation of Toll-like receptors; the effects of corticosteroid therapy in brain-dead kidney donors, a double-blind, randomized, controlled trial. <i>Molecular Immunology</i> , 2018 , 94, 36-44	4.3	10
69	Dam break flow solution using artificial neural network. <i>Ocean Engineering</i> , 2017 , 142, 125-132	3.9	10
68	Novel compact microstrip diplexer for GSM applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2018 , 10, 313-317	0.8	9
67	Association of serum immunoglobulins levels and eye injuries in sulfur mustard exposed: Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2013 , 17, 944-51	5.8	9
66	A novel microstrip diplexer with compact size and high isolation for GSM applications. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 114, 153018	2.8	9
65	Novel microstrip lowpass-bandpass diplexer with low loss and compact size for wireless applications. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 101, 152-159	2.8	8
64	Design of a novel wideband microstrip diplexer using artificial neural network. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 101, 57-66	1.2	8
63	Prediction of equilibrium scour depth in uniform non-cohesive sediments downstream of an apron using computational intelligence. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, 28-41	1.5	7
62	Design of a miniaturized microstrip diplexer using coupled lines and spiral structures for wireless and WiMAX applications. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 98, 409-415	1.2	7
61	Innate inflammatory gene expression profiling in potential brain-dead donors: detailed investigation of the effect of common corticosteroid therapy. <i>Innate Immunity</i> , 2017 , 23, 440-448	2.7	6
60	Increased Proportion of Tc17 and Th17 Cells and Their Significant Reduction after Thymectomy May Be Related to Disease Progression in Myasthenia Gravis. <i>NeuroImmunoModulation</i> , 2017 , 24, 264-270	1.5	6
59	Are serum levels of immunoglobulin classes and IgG subclasses involved in delayed pulmonary complications induced by sulfur mustard? Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2013 , 17, 936-43	5.8	6
58	Double Gate MOSFET Modeling Based on Adaptive Neuro-Fuzzy Inference System for Nanoscale Circuit Simulation. <i>ETRI Journal</i> , 2010 , 32, 530-539	1.4	6
57	RORC2 gene silencing in human Th17 cells by siRNA: design and evaluation of highly efficient siRNA. <i>Avicenna Journal of Medical Biotechnology</i> , 2013 , 5, 10-9	1.4	6

56	Leukemia markers expression of peripheral blood vs bone marrow blasts using flow cytometry. <i>Medical Science Monitor</i> , 2003 , 9, CR359-62	3.2	6
55	Design of a high performance lowpass bandpass diplexer using a novel microstrip structure for GSM and WiMAX applications. <i>IET Circuits, Devices and Systems</i> , 2019 , 13, 361-367	1.1	5
54	Design and fabrication of a low-loss microstrip lowpass-bandpass diplexer for WiMAX applications. <i>China Communications</i> , 2020 , 17, 109-120	3	5
53	Tunable microstrip dual-band bandpass filter for WLAN applications. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2017 , 25, 1388-1393	0.9	5
52	Novel microstrip quadruplexer with wide stopband for WiMAX applications. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 1491-1495	1.2	5
51	The expression of human leukocyte antigen by human ejaculated spermatozoa. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e1005	2.3	5
50	New approaches for modeling and simulation of quantum-dot cellular automata. <i>Journal of Computational Electronics</i> , 2014 , 13, 537-546	1.8	5
49	Design of Novel Efficient XOR Gates for Quantum-Dot Cellular Automata. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013 , 10, 643-647	0.3	5
48	Real-Time PCR: an Appropriate Approach to Confirm ssDNA Generation from PCR Product in SELEX Process. <i>Iranian Journal of Biotechnology</i> , 2017 , 15, 143-148	1	5
47	Design and Fabrication of a Novel Compact Low-loss Microstrip Diplexer for WCDMA and WiMAX Applications. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2019 , 18, 482-491	0.7	5
46	Role of Apoptosis in the Pathogenesis of Common Variable Immunodeficiency (CVID). <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2017 , 17, 332-340	2.2	5
45	Gene expression analysis of membrane progesterone receptors in women with recurrent spontaneous abortion: a case control study. <i>BMC Research Notes</i> , 2019 , 12, 790	2.3	5
44	Thyroid peroxidase in human endometrium and placenta: a potential target for anti-TPO antibodies. <i>Clinical and Experimental Medicine</i> , 2021 , 21, 79-88	4.9	5
43	Novel low-loss microstrip triplexer using coupled lines and step impedance cells for 4G and WiMAX applications. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2018 , 26, 1871-1880	0.9	5
42	Development of α integrin DNA aptamer as a potential therapeutic tool for multiple sclerosis. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 16264-16272	4.7	4
41	Design of a novel microstrip four-channel diplexer for multi-channel telecommunication systems. <i>Telecommunication Systems</i> , 2019 , 72, 189-197	2.3	4
40	NOX1 Regulates Collective and Planktonic Cell Migration: Insights From Patients With Pediatric-Onset IBD and NOX1 Deficiency. <i>Inflammatory Bowel Diseases</i> , 2020 , 26, 1166-1176	4.5	4
39	High Frequency of Tc22 and Th22 Cells in Myasthenia Gravis Patients and Their Significant Reduction after Thymectomy. <i>NeuroImmunoModulation</i> , 2018 , 25, 80-88	2.5	4

38	Design of a New Optimized Universal Logic Gate for Quantum-Dot Cellular Automata. <i>IETE Journal of Research</i> , 2019 , 1-7	0.9	4
37	An Efficient and Optimized Multiplexer Design for Quantum-Dot Cellular Automata. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 297-302	0.3	4
36	Biodiesel conversion modeling under several conditions using computational intelligence methods. <i>Environmental Progress and Sustainable Energy</i> , 2018 , 37, 562-568	2.5	3
35	Expression of biologically active murine interleukin-18 in <i>Lactococcus lactis</i> . <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	3
34	Stimulation of Camel Polyclonal Antibody against Human T cell Immunoglobulin and Mucin 3. <i>Iranian Journal of Biotechnology</i> , 2017 , 15, 166-171	1	3
33	Positive and Negative Regulation of Th17 Cell Differentiation: Evaluating The Impact of RORC2. <i>Cell Journal</i> , 2014 , 16, 343-52	2.4	3
32	Optimization of Expansion and Activation of Human Natural Killer Cells against Breast Cancer Cell Line. <i>Avicenna Journal of Medical Biotechnology</i> , 2020 , 12, 17-23	1.4	3
31	Application of Artificial Neural Network and Adaptive Neuro-Fuzzy Inference System for the Modelling and Simulation of QCA Circuits. <i>IETE Journal of Research</i> , 2017 , 63, 784-794	0.9	2
30	Decreased Expression of B cell Maturation Antigen in Patients with Common Variable Immunodeficiency. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2017 , 30, 7-13	0.8	2
29	Gain-controlled noise-reduction LNA design using source-bulk resistors and double common-source topology. <i>The Integration VLSI Journal</i> , 2019 , 68, 50-61	1.4	2
28	A very compact microstrip diplexer fabrication with superior performance for broadband wireless applications. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 2871-2880	1.2	2
27	Design of a low-loss microstrip diplexer with a compact size based on coupled meandrous open-loop resonators. <i>Analog Integrated Circuits and Signal Processing</i> , 2020 , 102, 579-584	1.2	2
26	Design and fabrication of a high-performance microstrip multiplexer using computational intelligence for multi-band RF wireless communications systems. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 120, 153190	2.8	2
25	Application of computational intelligence methods for complex two-phase flow pattern recognition. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	2
24	Low Noncytotoxic Concentrations of 5-Fluorouracil Have No Adverse Effects on Maturation and Function of Bone Marrow-Derived Dendritic Cells in vitro: A Potentially Safe Adjuvant for Dendritic Cell-Based Cancer Therapy. <i>International Archives of Allergy and Immunology</i> , 2015 , 168, 122-30	3.7	2
23	Prediction of the thickness of the compensator filter in radiation therapy using computational intelligence. <i>Medical Dosimetry</i> , 2015 , 40, 53-7	1.3	2
22	The computational intelligence in simulation of DG MOSFET: Application to the simulation of the nanoscale CMOS circuit 2008 ,		2
21	High-Performance Ultra-Compact Dual-Band Bandpass Filter for Global System for Mobile Communication-850/Global System for Mobile Communication-1900 Applications. <i>ARO-the Scientific Journal of Koya University</i> , 2019 , 7, 34-37	1.4	2

20	Design and Performance of Microstrip Diplexers: A Review. <i>ARO-the Scientific Journal of Koya University</i> , 2020 , 8, 38-49	1.4	2
19	Decreased Toll-like Receptor (TLR) 2 and 4 Expression in Spermatozoa in Couples with Unexplained Recurrent Spontaneous Abortion (URSA). <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2019 , 18, 701-706	1.1	2
18	A novel miniaturized microstrip lowpass-bandpass diplexer using patch and interdigital cells for wireless networks. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 126, 153404	2.8	2
17	Liver Resection Promotes (Regulates) Proinflammatory Cytokines in Patients with Hepatocellular Carcinoma. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2021 , 2021, 5593655	2.8	2
16	Vitamin D3 induces the expression of membrane progesterone receptors (mPRs) on naive CD4 T lymphocyte cells in women of reproductive age. <i>International Immunopharmacology</i> , 2019 , 72, 55-61	5.8	1
15	New efficient designs of reversible logic gates and circuits in the QCA technology. <i>Engineering Review</i> , 2019 , 39, 47-59	0.2	1
14	Low-power ultra-wideband LNA employing CS π D current-reuse and gain-controller resistor technique in 0.180- μ m CMOS technology. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 101, 187-199	1.2	1
13	The Increase in Protein and Plasmid Yields of with Optimized Concentration of Ampicillin as Selection Marker. <i>Iranian Journal of Biotechnology</i> , 2017 , 15, 128-134	1	1
12	Modelling of LDMOS transistor using artificial neural networks: DC and RF performances. <i>International Journal of Electronics</i> , 2012 , 99, 907-923	1.2	1
11	Designing high-performance microstrip quad-band bandpass filters (for multi-service communication systems): a novel method based on artificial neural networks. <i>Neural Computing and Applications</i> , 1	4.8	1
10	A six-channel microstrip diplexer for multi-service wireless communication systems. <i>Engineering Review</i> , 2020 , 41,	0.2	1
9	Predictive value of tissue inhibitor of metalloproteinases-1 and carcinoembryonic antigen plasma levels in response to chemotherapy in patients with metastatic colorectal cancer. <i>Journal of Research in Medical Sciences</i> , 2014 , 19, 1129-33	1.6	1
8	Progesterone-induced blocking factor (PIBF) influences the expression of membrane progesterone receptors (mPRs) on peripheral CD4 T lymphocyte cells in normal fertile females. <i>Hormones</i> , 2021 , 20, 507-514	3.1	1
7	The use of artificial neural network to design and fabricate one of the most compact microstrip diplexers for broadband L-band and S-band wireless applications. <i>Wireless Networks</i> , 2021 , 27, 663-676	2.5	1
6	A New ANFIS-based Hybrid Method in the Design and Fabrication of a High-performance Novel Microstrip Diplexer for Wireless Applications. <i>Journal of Circuits, Systems and Computers</i> , 2250050	0.9	1
5	Can the Decreased Expression of Human Leukocyte Antigen Class I and II by Spermatozoa Lead to Recurrent Spontaneous Abortion?. <i>Iranian Journal of Pathology</i> , 2020 , 15, 19-22	1.2	0
4	Compact wide stopband microstrip diplexer with flat channels for WiMAX and wireless applications. <i>IET Circuits, Devices and Systems</i> , 2020 , 14, 846-852	1.1	0
3	Miniaturized Planar Crossover Using Microstrip Stub Loaded Coupled Lines. <i>IETE Journal of Research</i> , 2021 , 67, 235-239	0.9	0

- 2 Producing Soluble Human Programmed Cell Death Protein-1: A Natural Supporter for CD4+T Cell Cytotoxicity and Tumor Cells Apoptosis. *Iranian Journal of Biotechnology*, **2019**, 17, e2104 1
- 1 Spermatozoa Induce Maternal Mononuclear Cells for Production of Antibody with Cytotoxic Activity on Paternal Blood Mononuclear Cells. *Cell Journal*, **2021**, 23, 349-354 2.4