

Seyed Sajad Mirjavadi

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54
papers

930
citations

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h-index

28
g-index

57
ext. papers

1,213
ext. citations

2.3
avg, IF

5.1
L-index

#	Paper	IF	Citations
54	Nonlinear vibration and buckling of functionally graded porous nanoscaled beams. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	90
53	4-Port MIMO Antenna with Defected Ground Structure for 5G Millimeter Wave Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 71	2.6	71
52	Vibration of rotating functionally graded Timoshenko nano-beams with nonlinear thermal distribution. <i>Mechanics of Advanced Materials and Structures</i> , 2018 , 25, 467-480	1.8	48
51	Compact UWB Band-Notched Antenna with Integrated Bluetooth for Personal Wireless Communication and UWB Applications. <i>Electronics (Switzerland)</i> , 2019 , 8, 158	2.6	44
50	Effect of temperature and porosity on the vibration behavior of two-dimensional functionally graded micro-scale Timoshenko beam. <i>JVC/Journal of Vibration and Control</i> , 2018 , 24, 4211-4225	2	40
49	Thermo-mechanical vibration of rotating axially functionally graded nonlocal Timoshenko beam. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	39
48	On size-dependent free vibration and thermal buckling of axially functionally graded nanobeams in thermal environment. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	38
47	A Compact Multiple Notched Ultra-Wide Band Antenna with an Analysis of the CSRR-TO-CSRR Coupling for Portable UWB Applications. <i>Sensors</i> , 2017 , 17,	3.8	36
46	EEG-Based Multi-Modal Emotion Recognition using Bag of Deep Features: An Optimal Feature Selection Approach. <i>Sensors</i> , 2019 , 19,	3.8	33
45	Thermal buckling behavior of two-dimensional imperfect functionally graded microscale-tapered porous beam. <i>Journal of Thermal Stresses</i> , 2017 , 40, 1201-1214	2.2	32
44	Integrated LTE and Millimeter-Wave 5G MIMO Antenna System for 4G/5G Wireless Terminals. <i>Sensors</i> , 2020 , 20,	3.8	28
43	Penta-notched UWB antenna with sharp frequency edge selectivity using combination of SRR, CSRR, and DGS. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 93, 116-122	2.8	27
42	The Smallest Form Factor UWB Antenna with Quintuple Rejection Bands for IoT Applications Utilizing RSRR and RCSRR. <i>Sensors</i> , 2018 , 18,	3.8	26
41	Resonator Based Switching Technique between Ultra Wide Band (UWB) and Single/Dual Continuously Tunable-Notch Behaviors in UWB Radar for Wireless Vital Signs Monitoring. <i>Sensors</i> , 2018 , 18,	3.8	25
40	Bandwidth Enhancement and Frequency Scanning Array Antenna Using Novel UWB Filter Integration Technique for OFDM UWB Radar Applications in Wireless Vital Signs Monitoring. <i>Sensors</i> , 2018 , 18,	3.8	25
39	Nonlinear free and forced vibrations of graphene nanoplatelet reinforced microbeams with geometrical imperfection. <i>Microsystem Technologies</i> , 2019 , 25, 3137-3150	1.7	20
38	CONTINUOUSLY TUNABLE WIMAX BAND-NOTCHED UWB ANTENNA WITH FIXED WLAN NOTCHED BAND. <i>Progress in Electromagnetics Research Letters</i> , 2018 , 75, 97-103	0.5	20

37	Isolation Enhancement of Wide-Band MIMO Array Antennas Utilizing Resistive Loading. <i>IEEE Access</i> , 2019 , 7, 81020-81026	3.5	19
36	Heterogeneities in Polymer Structural and Dynamic Properties in Graphene and Graphene Oxide Nanocomposites: Molecular Dynamics Simulations. <i>Macromolecular Theory and Simulations</i> , 2017 , 26, 1600086	1.5	18
35	A Low-Cost CPW-Fed Multiband Frequency Reconfigurable Antenna for Wireless Applications. <i>Electronics (Switzerland)</i> , 2019 , 8, 900	2.6	18
34	Investigation of Mesh Sensitivity Influence to Determine Crack Characteristic by Finite Element Methods. <i>Journal of Failure Analysis and Prevention</i> , 2016 , 16, 506-512	0.9	15
33	Nonlinear forced vibrations of sandwich smart nanobeams with two-phase piezo-magnetic face sheets. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	14
32	Malicious UAV Detection Using Integrated Audio and Visual Features for Public Safety Applications. <i>Sensors</i> , 2020 , 20,	3.8	14
31	Calculation of stress intensity factor for functionally graded cylinders with two radial cracks using the weight function method. <i>Theoretical and Applied Fracture Mechanics</i> , 2016 , 85, 447-456	3.7	13
30	Post-buckling analysis of piezo-magnetic nanobeams with geometrical imperfection and different piezoelectric contents. <i>Microsystem Technologies</i> , 2019 , 25, 3477-3488	1.7	13
29	Dynamic response of metal foam FG porous cylindrical micro-shells due to moving loads with strain gradient size-dependency. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	12
28	Fracture Analysis of a Special Cracked Lap Shear (CLS) Specimen with Utilization of Virtual Crack Closure Technique (VCCT) by Finite Element Methods. <i>Journal of Failure Analysis and Prevention</i> , 2017 , 17, 304-314	0.9	11
27	Effect of temperature on microstructural evolution and subsequent enhancement of mechanical properties in a backward extruded magnesium alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 95, 3155-3166	3.2	11
26	OMPACT CPW FED SWITCHABLE UWB ANTENNA AS AN ANTENNA FILTER AT NARROW-FREQUENCY BANDS. <i>Progress in Electromagnetics Research C</i> , 2018 , 81, 199-209	0.9	10
25	SWITCHABLE PLANAR MONOPOLE ANTENNA BETWEEN ULTRA-WIDEBAND AND NARROW BAND BEHAVIOR. <i>Progress in Electromagnetics Research Letters</i> , 2018 , 75, 131-137	0.5	10
24	Geometrically nonlinear vibration analysis of eccentrically stiffened porous functionally graded annular spherical shell segments. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-15	1.7	9
23	Analyzing nonlinear vibration of metal foam stiffened toroidal convex/concave shell segments considering porosity distribution. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-17	1.7	8
22	Collaborative Wireless Power Transfer in Wireless Rechargeable Sensor Networks. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-13	1.9	8
21	CPW Fed Miniaturized UWB Tri-Notch Antenna with Bandwidth Enhancement. <i>Advances in Electrical Engineering</i> , 2016 , 2016, 1-7		8
20	Low-Rank Multi-Channel Features for Robust Visual Object Tracking. <i>Symmetry</i> , 2019 , 11, 1155	2.7	7

19	Transient response of porous inhomogeneous nanobeams due to various impulsive loads based on nonlocal strain gradient elasticity. <i>International Journal of Mechanics and Materials in Design</i> , 2020 , 16, 57-68	2.5	7
18	Analysis of nonlinear vibrations of CNT- /fiberglass-reinforced multi-scale truncated conical shell segments. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-17	1.7	6
17	Small scale effects on transient vibrations of porous FG cylindrical nanoshells based on nonlocal strain gradient theory. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	6
16	Bag of Features (BoF) Based Deep Learning Framework for Bleached Corals Detection. <i>Big Data and Cognitive Computing</i> , 2021 , 5, 53	3.5	5
15	Image Local Features Description Through Polynomial Approximation. <i>IEEE Access</i> , 2019 , 7, 183692-183705	3.5	5
14	Analyzing nonlocal nonlinear vibrations of two-phase geometrically imperfect piezo-magnetic beams considering piezoelectric reinforcement scheme. <i>Journal of Strain Analysis for Engineering Design</i> , 2020 , 55, 258-270	1.3	4
13	Nonlinear vibrations of variable thickness curved panels made of multi-scale epoxy/fiberglass/CNT material using Jacobi elliptic functions. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-17	1.7	4
12	The effect of water-diesel emulsion usage on a tractor engine performance and emission. <i>Russian Agricultural Sciences</i> , 2016 , 42, 488-492	0.3	3
11	Design of compact tri and quad band band-pass filters using stub loaded resonators for wireless applications. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	3
10	Time-Domain Investigation of Switchable Filter Wide-Band Antenna for Microwave Breast Imaging. <i>Sensors</i> , 2020 , 20,	3.8	3
9	Compact triband slotted printed monopole antenna for WLAN and WiMAX applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e21986	1.5	3
8	Investigating nonlinear vibrations of multi-scale truncated conical shell segments with carbon nanotube/fiberglass reinforcement using a higher order conical shell theory. <i>Journal of Strain Analysis for Engineering Design</i> , 2021 , 56, 181-192	1.3	3
7	Nonlinear dynamic characteristics of nonlocal multi-phase magneto-electro-elastic nano-tubes with different piezoelectric constituents. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	2
6	Nonlinear modeling and dynamic analysis of bioengineering hyper-elastic tubes based on different material models. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020 , 19, 971-983	3.8	2
5	Design of low-profile frequency reconfigurable antenna for multiband applications. <i>International Journal of Electronics Letters</i> , 2020 , 1-18	0.6	2
4	Wearable Tri-Band Antenna for Switching Between WLAN and Bluetooth for Body Centric Wireless Communication. <i>Wireless Personal Communications</i> , 2021 , 117, 1459-1470	1.9	2
3	A Novel Deep-Learning-Based Framework for the Classification of Cardiac Arrhythmia.. <i>Journal of Imaging</i> , 2022 , 8,	3.1	2
2	Person Re-Identification by Discriminative Local Features of Overlapping Stripes. <i>Symmetry</i> , 2020 , 12, 647	2.7	1

- 1 A Dual-Stage Vocabulary of Features (VoF)-Based Technique for COVID-19 Variants Classification. *Applied Sciences (Switzerland)*, **2021**, 11, 11902 2.6 1