

Djamel Khedrouche

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

387
citations

840119

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docs citations

30
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and design of a terahertz microstrip antenna based on a synthesized photonic bandgap substrate using BPSO. <i>Journal of Computational Electronics</i> , 2019, 18, 231-240.	1.3	51
2	A high-sensitive sensor and band-stop filter based on intersected double ring resonators in metal-insulator-metal structure. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	44
3	Uniaxially anisotropic substrate effects on resonance of rectangular microstrip patch antenna. <i>Electronics Letters</i> , 1999, 35, 255.	0.5	43
4	Design of mid infrared high sensitive metal-insulator-metal plasmonic sensor. <i>Chinese Journal of Physics</i> , 2019, 61, 86-97.	2.0	35
5	Band-gap properties of 2D photonic crystal made by silica matrix doped with magnetic nanoparticles. <i>Journal of Computational Electronics</i> , 2014, 13, 490-495.	1.3	29
6	Analysis and design of MIMO indoor communication system using terahertz patch antenna based on photonic crystal with graphene. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2021, 43, 100867.	1.0	19
7	Enhanced Flexible Terahertz Microstrip Antenna Based on Modified Silicon-Air Photonic Crystal. <i>Optik</i> , 2020, 217, 164897.	1.4	19
8	Magneto-photonic crystal microcavities based on magnetic nanoparticles embedded in Silica matrix. <i>Optics Communications</i> , 2017, 384, 111-117.	1.0	18
9	DESIGN OF A DOUBLE-MODE PLASMONIC WAVELENGTH FILTER USING A DEFECTIVE CIRCULAR NANO-DISK RESONATOR COUPLED TO TWO MIM WAVEGUIDES. <i>Progress in Electromagnetics Research Letters</i> , 2022, 104, 67-75.	0.4	18
10	A numerically efficient full-wave analysis of a tunable rectangular microstrip patch. <i>International Journal of Electronics</i> , 2004, 91, 57-70.	0.9	16
11	Design and analysis of novel microstrip patch antenna array based on photonic crystal in THz. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	1.5	13
12	Spectral-domain analysis of multilayer cylindrical-rectangular microstrip antennas. <i>Engineering Analysis With Boundary Elements</i> , 2009, 33, 930-939.	2.0	10
13	Modeling the superconducting effects on resonance and radiation characteristics of a cylindrical-rectangular microstrip antenna covered with a dielectric layer. <i>Journal of Computational Electronics</i> , 2013, 12, 297-305.	1.3	10
14	Bandwidth Improvement for Compact Microstrip Patch Antenna Using Metamaterials. <i>Acta Physica Polonica A</i> , 2016, 129, 538-540.	0.2	9
15	Design and analysis of a 2 Å– 2 microstrip patch antenna array based on periodic and non-periodic photonic crystals substrate in THz. <i>Optical and Quantum Electronics</i> , 2022, 54, 1.	1.5	9
16	Geometrically tunable slow light based on a modified photonic crystal waveguide. <i>Chinese Journal of Physics</i> , 2017, 55, 2318-2324.	2.0	8
17	Wideband and low dispersion slow light by altering the geometry of a photonic crystal waveguide. <i>Optics Communications</i> , 2018, 427, 396-404.	1.0	6
18	New design of a broadband PBG-based antenna for THz band applications. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2021, 46, 100947.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Enhanced absorption of solar cell made of photonic crystal by geometrical design. <i>Frontiers of Optoelectronics</i> , 2016, 9, 93-98.	1.9	4
20	Mode Conversion in 2D Magneto Photonic Crystals Made of SiO ₂ /ZrO ₂ Matrix Doped With Magnetic Nanoparticles. <i>Acta Physica Polonica A</i> , 2015, 127, 1208-1210.	0.2	4
21	Design and Analysis of Miniaturized Microstrip Patch Antenna with Metamaterials Based on Modified Split-Ring Resonator for UWB Applications. <i>Frequenz</i> , 2016, 70, .	0.6	3
22	Modeling and performance analysis of Schottky barrier carbon nanotube field effect transistor SB-CNTFET. <i>Journal of Computational Electronics</i> , 2017, 16, 593-600.	1.3	3
23	Study of the Absorption in Solar Cells with 2D Photonic Crystals. <i>Acta Physica Polonica A</i> , 2015, 127, 1205-1207.	0.2	3
24	Plasmonic stop-band filter based on an MIM waveguide coupled with cavity resonators. <i>Journal of Physics: Conference Series</i> , 2022, 2240, 012025.	0.3	3
25	A simple small size disk microstrip patch antenna with a rectangular Aperture for ultra wide band application. , 2015, , .		2
26	Design and Analysis of a Microstrip Antenna Based on Superconducting Material for Millimeter Wave Applications. <i>Acta Physica Polonica A</i> , 2017, 131, 109-111.	0.2	2
27	Vector Fourier transform analysis of stacked rectangular microstrip patches on isotropic and anisotropic substrates. <i>Aerospace Science and Technology</i> , 2015, 47, 447-455.	2.5	1
28	Performance evaluation of omni-directional circular UWB disc antenna conformed on a cylindrical surface. , 2014, , .		0
29	A bandwidth enhancement and size reduction of monopole microstrip antenna for ultra wideband application. <i>World Journal of Engineering</i> , 2018, 15, 330-335.	1.0	0
30	Design And Analysis Of Millimeter-Wave Microstrip Antenna With New FSS Superstrate Structure. , 2018, , .		0