

Sriram Kumar Dhamodharan

List of Publications by Year in descending order

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46
papers

329
citations

1478505

6
h-index

996975

15
g-index

46
all docs

46
docs citations

46
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic Crystal Fiber-Based Refractive Index Sensor for Early Detection of Cancer. IEEE Sensors Journal, 2018, 18, 7093-7099.	4.7	160
2	Investigation on modified quasi-square PCRR based demultiplexer for WDM applications. Optical and Quantum Electronics, 2016, 48, 1.	3.3	14
3	Polarization shift keying based relay-assisted free space optical communication over strong turbulence with misalignment. Optics and Laser Technology, 2016, 76, 58-63.	4.6	10
4	A Low Complexity Modified SLM and Companding based PAPR Reduction in Localized OFDMA. Wireless Personal Communications, 2017, 96, 3207-3226.	2.7	10
5	Analysis of optical modulators for Radio over Free Space Optical Communication systems and Radio over Fiber systems. , 2012, , .		9
6	Achievable rate analysis of relay assisted cooperative NOMA over Rician fading channels. , 2018, , .		9
7	PAPR Reduction in SLM-OFDM System Using Lehmer Sequence Without Explicit Side Information. Wireless Personal Communications, 2017, 97, 5527-5542.	2.7	8
8	Very Low Profile, Wideband, Dual polarized Massive MIMO Antenna Element with High Isolation for 5G Base Station Applications. , 2019, , .		8
9	Performance analysis of DPSK-SIM based FSO system over strong atmospheric turbulence channel. , 2013, , .		7
10	A low-complexity modified SLM with new phase sequences for PAPR reduction in OFDM system. , 2015, , .		7
11	Pressure Sensors Using Si/ZnO Heterojunction Diode. Silicon, 0, , 1.	3.3	7
12	Real-time breath rate monitor based health security system using non-invasive biosensor. , 2012, , .		6
13	A miniaturized UWB via-less CRLH-TL loaded CPW FED patch antenna. Microwave and Optical Technology Letters, 2016, 58, 2485-2492.	1.4	6
14	CPW-Fed Antenna with Two Rectangle Slots for RFID/Wideband Applications. , 2010, , .		5
15	Investigation of fluorine-doped tin oxide based optically transparent E-shaped patch antenna for terahertz communications. , 2014, , .		5
16	Miniaturized unilateral coplanar waveguide-fed asymmetric planar antenna with reduced radiation hazards for 802.11 applications. Microwave and Optical Technology Letters, 2016, 58, 467-471.	1.4	4
17	Miniaturization of monopole antenna using high refractive index metamaterial loading. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22163.	1.2	4
18	Numerical Investigation on Elliptic Cylindrical Nanowire Hybrid Plasmonic Waveguide-Based Polarization Beam Splitter. Plasmonics, 2021, 16, 493-500.	3.4	4

#	ARTICLE	IF	CITATIONS
19	Simulation and analysis of coplanar waveguide(CPW) discontinuities. , 2008, , .		3
20	PAPR reduction in SLM-OFDM using Lehmer random number generator. , 2015, , .		3
21	Metamaterial-based compact UWB planar monopole antennas. Microwave and Optical Technology Letters, 2018, 60, 1332-1338.	1.4	3
22	Miniaturization of microstrip slot antenna using SRR and CSRR loading. , 2018, , .		3
23	Triple-Band Zeroth-Order Epsilon-Negative Antenna Using Two Pseudo-Open Termination Unit Cells for C-Band Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1011-1015.	4.0	3
24	Broadband simultaneously RHCP-LHCP radiating microstrip fed rectangular slot antenna for polarization diversity applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21689.	1.2	3
25	Design of a Circular Slot Antenna with Broadband Dual CP Bi-directional Radiation Pattern. , 2020, , .		3
26	Investigation of 2D-PC Ring Resonator-Based Demultiplexer for ITU-T G.694.1 WDM Systems. Journal of Optical Communications, 2021, 42, 43-51.	4.7	3
27	CPW- fed antenna with two rectangle slots for wideband application. , 2010, , .		2
28	Performance analysis of FSO using relays and spatial diversity under log-normal fading channel. , 2018, , .		2
29	Simultaneously RHCP and LHCP Radiating Polarization Diversity C-Slot Antenna for Mobile Satellite Communications. IETE Journal of Research, 2022, 68, 1861-1871.	2.6	2
30	Golden angleâ€inspired design of massive MIMO tapered slot array with less correlation for 5G lower band applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21872.	1.2	2
31	Design of circularly polarized patch antennas using anisotropic high refractive index metamaterial loading. Electromagnetics, 2020, 40, 186-198.	0.7	2
32	Design and Simulation Analysis on TMâ€Pass GST-Assisted Asymmetric Directional Coupler-Based Polarizer. Silicon, 0, , 1.	3.3	2
33	Gain Enhancement of Patch Antenna Using High Refractive Index Metamaterial-based Bi-convex Lens for Base Station Applications. IETE Journal of Research, 2023, 69, 1241-1248.	2.6	2
34	Comparison of numerical techniques for rectangular microstrip patch antenna. , 2007, , .		1
35	Smart Antennas for MIMO-SDMA- An Overview and Modeling. , 2008, , .		1
36	A compact novel CPW- fed antenna for WLAN/RFID applications. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
37	A Novelistic Approach for Rapid Beam Forming in Smart Antennas for Wireless Applications Using Smart-Fractal Concepts and New Algorithm. , 2012, , .		1
38	Bandwidth enhancement of a patch antenna by loading complementary K-shaped artificial magnetic conductors in ground plane. , 2014, , .		1
39	Analysis and design of a K-shaped electromagnetic metamaterial structure. , 2014, , .		1
40	Performance analysis of MWCNT loaded fluorinedoped tin oxide based optically transparent terahertz patch antenna. , 2014, , .		1
41	2D-Photonic Crystal based Demultiplexer for WDM Systems â€” A Review. Journal of Optical Communications, 2019, .	4.7	1
42	Effect of slot and substrate parameters on CPW-fed slot antenna- analysis. , 2008, , .		0
43	Bandwidth enhancement of planar monopole antenna by loading metamaterial based via-less CRLH unit cells. , 2016, , .		0
44	Physical enhanced security strategy implementation in WDM PON. AIP Conference Proceedings, 2017, , .	0.4	0
45	Miniaturization of monopole antenna with doughnut shaped shell of single ring split ring resonators. , 2019, , .		0
46	Coaxialâ€”fed highâ€”gain tripleâ€”band zerothâ€”order circularly polarized antenna using pseudoâ€”open termination and asymmetric unit cells. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22381.	1.2	0