

# 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	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
2	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
3	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
4	Numerical Investigation on Elliptic Cylindrical Nanowire Hybrid Plasmonic Waveguide-Based Polarization Beam Splitter. Plasmonics, 2021, 16, 493-500.	3.4	4
5	Coaxial-fed high-gain triple-band zeroth-order circularly polarized antenna using pseudo-open termination and asymmetric unit cells. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22381.	1.2	0
6	Design of a Circular Slot Antenna with Broadband Dual CP Bi-directional Radiation Pattern. , 2020, , .		3
7	Design of circularly polarized patch antennas using anisotropic high refractive index metamaterial loading. Electromagnetics, 2020, 40, 186-198.	0.7	2
8	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
9	Golden angle-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
10	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
11	2D-Photonic Crystal based Demultiplexer for WDM Systems – A Review. Journal of Optical Communications, 2019, .	4.7	1
12	Very Low Profile, Wideband, Dual polarized Massive MIMO Antenna Element with High Isolation for 5G Base Station Applications. , 2019, , .		8
13	Miniaturization of monopole antenna with doughnut shaped shell of single ring split ring resonators. , 2019, , .		0
14	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
15	Metamaterial-based compact UWB planar monopole antennas. Microwave and Optical Technology Letters, 2018, 60, 1332-1338.	1.4	3
16	Performance analysis of FSO using relays and spatial diversity under log-normal fading channel. , 2018, , .		2
17	Achievable rate analysis of relay assisted cooperative NOMA over Rician fading channels. , 2018, , .		9
18	Photonic Crystal Fiber-Based Refractive Index Sensor for Early Detection of Cancer. IEEE Sensors Journal, 2018, 18, 7093-7099.	4.7	160

#	ARTICLE	IF	CITATIONS
19	Miniaturization of microstrip slot antenna using SRR and CSRR loading. , 2018, , .		3
20	A Low Complexity Modified SLM and Companding based PAPR Reduction in Localized OFDMA. Wireless Personal Communications, 2017, 96, 3207-3226.	2.7	10
21	Physical enhanced security strategy implementation in WDM PON. AIP Conference Proceedings, 2017, , .	0.4	0
22	PAPR Reduction in SLM-OFDM System Using Lehmer Sequence Without Explicit Side Information. Wireless Personal Communications, 2017, 97, 5527-5542.	2.7	8
23	Bandwidth enhancement of planar monopole antenna by loading metamaterial based via-less CRLH unit cells. , 2016, , .		0
24	A miniaturized UWB via-less CRLH-TL loaded CPW FED patch antenna. Microwave and Optical Technology Letters, 2016, 58, 2485-2492.	1.4	6
25	Investigation on modified quasi-square PCRR based demultiplexer for WDM applications. Optical and Quantum Electronics, 2016, 48, 1.	3.3	14
26	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
27	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
28	PAPR reduction in SLM-OFDM using Lehmer random number generator. , 2015, , .		3
29	A low-complexity modified SLM with new phase sequences for PAPR reduction in OFDM system. , 2015, , .		7
30	Bandwidth enhancement of a patch antenna by loading complementary K-shaped artificial magnetic conductors in ground plane. , 2014, , .		1
31	Investigation of fluorine-doped tin oxide based optically transparent E-shaped patch antenna for terahertz communications. , 2014, , .		5
32	Analysis and design of a K-shaped electromagnetic metamaterial structure. , 2014, , .		1
33	Performance analysis of MWCNT loaded fluorinedoped tin oxide based optically transparent terahertz patch antenna. , 2014, , .		1
34	Performance analysis of DPSK-SIM based FSO system over strong atmospheric turbulence channel. , 2013, , .		7
35	A Novelistic Approach for Rapid Beam Forming in Smart Antennas for Wireless Applications Using Smart-Fractal Concepts and New Algorithm. , 2012, , .		1
36	Real-time breath rate monitor based health security system using non-invasive biosensor. , 2012, , .		6

#	ARTICLE	IF	CITATIONS
37	Analysis of optical modulators for Radio over Free Space Optical Communication systems and Radio over Fiber systems. , 2012, , .		9
38	A compact novel CPW- fed antenna for WLAN/RFID applications. , 2010, , .		1
39	CPW-Fed Antenna with Two Rectangle Slots for RFID/Wideband Applications. , 2010, , .		5
40	CPW- fed antenna with two rectangle slots for wideband application. , 2010, , .		2
41	Smart Antennas for MIMO-SDMA- An Overview and Modeling. , 2008, , .		1
42	Effect of slot and substrate parameters on CPW-fed slot antenna- analysis. , 2008, , .		0
43	Simulation and analysis of coplanar waveguide(CPW) discontinuities. , 2008, , .		3
44	Comparison of numerical techniques for rectangular microstrip patch antenna. , 2007, , .		1
45	Pressure Sensors Using Si/ZnO Heterojunction Diode. Silicon, 0, , 1.	3.3	7
46	Design and Simulation Analysis on TM- Pass GST-Assisted Asymmetric Directional Coupler-Based Polarizer. Silicon, 0, , 1.	3.3	2