



Sangeetha Velan

Research Associate, Elinium Automation
Pvt Ltd
Antenna
Microstrip Coupler
IOT

GET MY OWN PROFILE

	All	Since 2016
Citations	321	280
h-index	7	7
i10-index	6	6

TITLE	CITED BY	YEAR
Spurious Passband Suppression in Compact Microstrip Rat-Race Coupler Deploying Modified Split Rings and Coupled Microstrip Lines S Velan, M Kanagasabai, JK Pakkathillam, SK Palaniswamy, RR Tippuraj Wireless Personal Communications 109 (4), 2733-2740		2019
Conductive Carbon-cluster Coated Antenna for Wearable Applications. S VELAN Journal of Active & Passive Electronic Devices 14 (4)		2019
Signal integrity analysis on a microstrip ultra-wideband coupled-line coupler S Kingsly, S Velan, M Kanagasabai, S Subbaraj, Y Panneer Selvam, ... International Journal of Electronics 106 (4), 620-633	1	2019
A low-profile frequency-and pattern-reconfigurable antenna YP Selvam, M Kanagasabai, MGN Alsath, S Velan, S Kingsly, S Subbaraj, ... IEEE Antennas and Wireless Propagation Letters 16, 3047-3050	29	2017
A compact single layer branch-line coupler for ultra-wideband (UWB) applications S Velan, M Kanagasabai International Journal of Microwave and Wireless Technologies 9 (3), 505	1	2017
Super wideband printed monopole antenna for ultra wideband applications SK Palaniswamy, M Kanagasabai, SA Kumar, MGN Alsath, S Velan, ... International Journal of Microwave and Wireless Technologies 9 (1), 133	16	2017
Compact paper-substrate rat-race coupler deploying modified stepped impedance stub and interdigitated slot resonator for wide-band harmonic suppression S Velan, M Kanagasabai, JK Pakkathillam, SK Palaniswamy IET Microwaves, Antennas & Propagation 10 (15), 1667-1672	7	2016
Quad-band rat-race coupler with suppression of spurious pass-bands S Velan, S Kingsly, M Kanagasabai, MGN Alsath, YP Selvam, S Subbaraj IEEE microwave and wireless components letters 26 (7), 490-492	9	2016
Compact microstrip branch-line coupler with wideband quadrature phase balance S Velan, M Kanagasabai Microwave and Optical Technology Letters 58 (6), 1369-1374	3	2016
Polarisation diverse multiple input–multiple output antenna with enhanced isolation AK Sarma, H Arun, M Kanagasabai, S Velan, C Raviteja, MGN Alsath IET Microwaves, Antennas & Propagation 9 (12), 1267-1273	4	2015

TITLE	CITED BY	YEAR
Dual-band EBG integrated monopole antenna deploying fractal geometry for wearable applications S Velan, EF Sundarsingh, M Kanagasabai, AK Sarma, C Raviteja, ... IEEE antennas and wireless propagation letters 14, 249-252	84	2014
Polygon-shaped slotted dual-band antenna for wearable applications EF Sundarsingh, S Velan, M Kanagasabai, AK Sarma, C Raviteja, ... IEEE antennas and wireless propagation letters 13, 611-614	71	2014
A fractal-based circularly polarized UHF RFID reader antenna C Raviteja, C Varadhan, M Kanagasabai, AK Sarma, S Velan IEEE Antennas and Wireless Propagation Letters 13, 499-502	37	2014
Deployment of modified serpentine structure for mutual coupling reduction in MIMO antennas H Arun, AK Sarma, M Kanagasabai, S Velan, C Raviteja, MGN Alsath IEEE antennas and wireless propagation letters 13, 277-280	59	2014