

Ayan Chatterjee

List of Publications by Year in descending order

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40
papers

350
citations

1040056

9
h-index

996975

15
g-index

40
all docs

40
docs citations

40
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Enhancement of a Dual-Band Monopole Antenna by Using a Frequency-Selective Surface-Based Corner Reflector. IEEE Transactions on Antennas and Propagation, 2016, 64, 2165-2171.	5.1	71
2	Frequency-Dependent Directive Radiation of Monopole-Dielectric Resonator Antenna Using a Conformal Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2017, 65, 2233-2239.	5.1	47
3	Beamwidth Control of Omnidirectional Antenna Using Conformal Frequency Selective Surface of Different Curvatures. IEEE Transactions on Antennas and Propagation, 2018, 66, 3225-3230.	5.1	28
4	Gain enhancement of a printed leaf shaped <sc>UWB</sc> antenna using dual <sc>FSS</sc> layers and experimental study for ground coupling <sc>GPR</sc> applications. Microwave and Optical Technology Letters, 2018, 60, 1417-1423.	1.4	27
5	A wearable button antenna with FSS superstrate for WLAN health care applications. , 2014, , .		19
6	Acrylic substrate based low profile wearable button antenna with FSS layer for WLAN and Wi-Fi applications. Microwave and Optical Technology Letters, 2015, 57, 1033-1038.	1.4	19
7	A triple-layer dual-bandpass frequency selective surface of third order response with equivalent circuit analysis. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22047.	1.2	14
8	A Linear-to-Circular Polarization Conversion Metasurface Based Wideband Aperture Coupled Antenna. Journal of Electrical Engineering and Technology, 2020, 15, 1293-1299.	2.0	14
9	Gain enhancement of a wide-slot antenna using dual-layer, bandstop frequency selective surface as a substrate. Microwave and Optical Technology Letters, 2015, 57, 2016-2020.	1.4	12
10	Sharp Triple-Notched Ultra Wideband Antenna with Gain Augmentation Using FSS for Ground Penetrating Radar. Wireless Personal Communications, 2021, 117, 1399-1418.	2.7	12
11	Harmes Paris logo shaped wearable antenna for multiband applications. , 2016, , .		9
12	A Circularly Polarized T-Shaped Patch Antenna for Wireless Communication Application. , 2018, , .		9
13	A Body Wearable Antenna Based on Jeans Substrate with Wide-Band Response. , 2018, , .		9
14	Design of printed body wearable textile antenna for broadband application. , 2013, , .		8
15	A FSS based corner reflector for performance enhancement of a ribcage dipole antenna. , 2015, , .		6
16	Gain augmentation of a dual-band dielectric resonator antenna with frequency selective surface superstrate. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22575.	1.2	6
17	Gain enhancement of a dual-polarized dielectric resonator antenna using polarization independent FSS. Microwave and Optical Technology Letters, 2016, 58, 1415-1420.	1.4	5
18	A Compact Rectangular Microstrip Patch Antenna for 2.4 GHz ISM Band Applications. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	A multi-layered band-pass frequency selective surface designed for Ku band applications. , 2013, , .		4
20	Reconfigurable frequency selective surface with tunable characteristics depending on intensity of atmospheric light. IET Microwaves, Antennas and Propagation, 2019, 13, 2336-2341.	1.4	4
21	Gain enhancement of a direct microstrip line fed dielectric resonator antenna using FSS. , 2015, , .		3
22	A dual-layer reflective Frequency Selective Surface for wideband applications. , 2015, , .		3
23	A Multi-layered Frequency Selective Surface-Based Wireless Filter with Dual Bandpass Response. , 2018, , .		2
24	A circularly polarized quad-beam radiator based on bounded metasurfaces with planar feed. Microelectronic Engineering, 2019, 217, 111108.	2.4	2
25	Printed circular ultra-wideband antenna with triple sharp frequency notches for surface penetrating radar application. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	2
26	A second-order bandpass response with a wideband frequency selective surface. , 2016, , 337-340.		2
27	Planar FSS Based Dual-Band Wire Monopole Antenna for Multi-Directional Radiation With Diverse Beamwidths. IEEE Access, 2022, 10, 30427-30435.	4.2	2
28	A compact wideband frequency selective surface for gain enhancement of a wide-slot antenna. , 2016, , .		1
29	Development of novel engineered metamaterial: Structure, extraction of various parameters and applications. , 2017, , .		1
30	A Polarization Insensitive Frequency Selective Surface with Bandpass and Bandstop Response. , 2018, , .		1
31	A Low Profile Button Antenna with Back Radiation Reduced By FSS. , 2020, , .		1
32	A Cross-Dipole Shaped Patch-Slot-Patch Bandpass Frequency Selective Surface. , 2020, , .		1
33	An acrylic sheet based frequency selective surface for GSM 1800 MHz band shielding. , 2016, , 341-343.		1
34	Analysis of a novel shaped microstrip patch antenna with multiple resonating frequencies. , 2011, , .		0
35	A dual-layer frequency selective surface for radiation diversity of a monopole antenna. , 2017, , .		0
36	Beamwidth Reduction of Helical Antenna Using Single Layer FSS Structure. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Ultra-Wideband High Gain $\tilde{\sim}$ Antenna-Frequency Selective Surface $\hat{\epsilon}$ ™ Compact Structure for Ground Penetrating Application. , 2019, , .		0
38	FSS superstrate loaded SIW circular cavity-backed cross-shaped slot antenna for wireless applications. Journal of Electromagnetic Waves and Applications, 2022, 36, 2271-2288.	1.6	0
39	A Bandpass Frequency Selective Surface Using Ring Slots for Dual-Band Applications. , 2022, , .		0
40	Multi-Band Frequency Selective Surfaces Using Square Loops with Splits. , 2022, , .		0