

# Sarawuth Chaimool

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3550536/publications.pdf>

Version: 2024-02-01

62  
papers

600  
citations

840776

11  
h-index

677142

22  
g-index

62  
all docs

62  
docs citations

62  
times ranked

475  
citing authors

#	ARTICLE	IF	CITATIONS
1	CPW-fed mirrored-L monopole antenna with distinct triple bands for WiFi and WiMAX applications. Electronics Letters, 2009, 45, 928.	1.0	98
2	SIMULTANEOUS GAIN AND BANDWIDTHS ENHANCEMENT OF A SINGLE-FEED CIRCULARLY POLARIZED MICROSTRIP PATCH ANTENNA USING A METAMATERIAL REFLECTIVE SURFACE. Progress in Electromagnetics Research B, 2010, 22, 23-37.	1.0	54
3	Bandwidth and Gain Enhancement of Microstrip Patch Antennas Using Reflective Metasurface. IEICE Transactions on Communications, 2010, E93-B, 2496-2503.	0.7	46
4	Design of Compact Beam-Steering Antennas Using a Metasurface Formed by Uniform Square Rings. IEEE Access, 2018, 6, 9420-9429.	4.2	45
5	Wideband subwavelength-profile circularly polarised array antenna using anisotropic metasurface. Electronics Letters, 2015, 51, 1403-1405.	1.0	41
6	Mu-near-zero metasurface for microstrip-fed slot antennas. Applied Physics A: Materials Science and Processing, 2013, 112, 669-675.	2.3	40
7	Broadside gain and bandwidth enhancement of microstrip patch antenna using a MNZ-metasurface. Microwave and Optical Technology Letters, 2012, 54, 529-532.	1.4	38
8	Design of a PIN Diode-Based Reconfigurable Metasurface Antenna for Beam Switching Applications. International Journal of Antennas and Propagation, 2019, 2019, 1-7.	1.2	28
9	Multiband loaded fractal loop monopole antenna for USB dongle applications. Electronics Letters, 2012, 48, 1446.	1.0	22
10	Low-profile unidirectional microstrip-fed slot antenna using metasurface. , 2011, , .		16
11	Broadband bandpass filters using slotted resonators fed by interdigital coupled lines for improved upper stopband performances. AEU - International Journal of Electronics and Communications, 2009, 63, 454-463.	2.9	13
12	Compact wideband microstrip thinned array antenna using EBG superstrate. AEU - International Journal of Electronics and Communications, 2012, 66, 49-53.	2.9	13
13	A Compact Dual-Broadband Multiple-Input Multiple-Output (MIMO) Indoor Base Station Antenna for 2G/3G/LTE Systems. IEEE Access, 2019, 7, 82238-82245.	4.2	10
14	Relativistic finite-difference time-domain analysis of high-speed moving metamaterials. Scientific Reports, 2018, 8, 7686.	3.3	9
15	Unidirectional CPW-fed slot antenna using metasurface. , 2011, , .		8
16	Triple-band CPW-FED L-shaped monopole antenna with small ground plane. Microwave and Optical Technology Letters, 2011, 53, 2274-2277.	1.4	8
17	A dual band-notched UWB monopole antenna with C-shaped slot and hairpin slot. , 2013, , .		7
18	A Miniaturized Dual-mode Bandpass Filter using Triangular Loop Resonator with Wide Stopband by U-Shaped Defected Ground Structure (DGS). , 2007, , .		5

#	ARTICLE	IF	CITATIONS
19	CPW-fed slot antenna with fractal tuning stub for wideband circular polarization. , 2011, , .		5
20	Triple-band USB dongle antenna using fractal and shorted loops for WiFi and WiMAX applications. Microwave and Optical Technology Letters, 2013, 55, 863-866.	1.4	5
21	Zeroth-Order Resonator Based on Mushroom-like Structure for Liquid Mixture Concentration Sensing of Sodium Chloride Solution. , 2019, , .		5
22	Dual-Band CPW-Fed Slot Antennas Using Loading Metallic Strips and a Widened Tuning Stub. IEICE Transactions on Electronics, 2005, E88-C, 2258-2265.	0.6	5
23	A novel microstrip bandpass filter using triangular open-loop resonators. , 0, , .		4
24	Miniaturized microstrip patch antenna printed on magneto-dielectric metasubstrate. , 2012, , .		4
25	CPW-Fed Antennas for WiFi and WiMAX. , 0, , .		4
26	Metasurface characteristic of fractal fishnet structure and closed ring resonator. , 2014, , .		4
27	A compact zeroth-order resonant antenna based on modified Jerusalem mushroom structures. , 2014, , .		4
28	Anisotropic fractal metasurface-based antenna with contrary beams. Microwave and Optical Technology Letters, 2017, 59, 715-720.	1.4	4
29	Symmetric surface complex waves in Goubau Line. Cogent Engineering, 2018, 5, 1507083.	2.2	4
30	On the surface susceptibilities and effective parameters of metasurfaces composed of isolated metallic unit-cells. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22353.	1.2	4
31	Broadband Bandpass Filters Using Slotted Resonators Fed by Interdigital Coupled Lines for Improving Upper Stopband Performances. , 2007, , .		3
32	Wideband constant beamwidth coplanar waveguide-fed slot antennas using metallic strip loadings and a widened tuning stub with shaped reflectors. International Journal of RF and Microwave Computer-Aided Engineering, 2011, 21, 263-271.	1.2	3
33	UHF RFID reader using slanted slot patch metasurface on microstrip patch antenna. , 2015, , .		3
34	Side-lobe reduction of horn antenna using circular patch mushroom-like EBG structure. , 2016, , .		3
35	Architect's role to improve in-building wireless coverage. Cogent Engineering, 2020, 7, 1770912.	2.2	3
36	Wideband Uni-Directional CPW-fed Slot Antennas Using Loading Metallic Strips and a Widened Tuning Stub on Modified-Shape Reflectors. IEICE Transactions on Communications, 2007, E90-B, 2246-2255.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Experiment of a Phase-Gradient Metasurface Reflector for Millimeter Wave and 5G Applications. , 2022, , .		3
38	A microstrip bandpass filter using a line periodically loaded with unbalanced SIRs for size reduction and spurious suppression. , 2006, , .		2
39	A broadband bandpass filter with a notch-band using step-impedance resonator and embedded slots. , 2009, , .		2
40	A compact wideband bandpass filter using modified NBâ€SRs with wide upper bandstop. Microwave and Optical Technology Letters, 2010, 52, 551-553.	1.4	2
41	Miniaturized triple-band USB dongle antenna using loaded-fractal loop monopole with shorted loop and fractal loop resonator. , 2012, , .		2
42	Gain enhancement of microstrip antenna using square aperture superstrate. , 2012, , .		2
43	Singleâ€feed circularly polarized microstrip patch antenna stacked with periodic structure. Microwave and Optical Technology Letters, 2012, 54, 50-54.	1.4	2
44	Hyperbolic/anisotropic MNZ metasurface opposed beam antenna. , 2015, , .		2
45	Performance enhancement of circularly-polarized patch array using anisotropic metasurface. , 2015, , .		2
46	Compact Non-uniform Planar Metasurface for Efficiency Enhancement of Wireless Power Transfer. , 2019, , .		2
47	Resonator-Embedded Four-Pole Cross-Coupled Dual-Band Microstrip Bandpass Filters. , 2006, , .		1
48	A Microstrip Two-layer Dual-Passband Filter Using Aperture-Coupled SIRs with Wide Rejection Bandwidth by Defected Ground Structure (DGS). , 2007, , .		1
49	A Microstrip Bandpass Filter Using Asymmetrical Stepped-Impedance Resonators for a Wide Upper Stopband Performance. , 2007, , .		1
50	Broadband bandpass filters using slotted stepped impedance resonators for improving upper stopband performances. , 2008, , .		1
51	Ultra-wideband bandpass filters with notched band using slotted linear tapered-line resonators and embedded slot feed. , 2011, , .		1
52	A dual-notched band bandpass filter using embedded fold-slots. , 2012, , .		1
53	A mushroom-like zeroth-order resonator antenna using meandered arm on Jerusalem cross shape. , 2014, , .		1
54	Radio-frequency characterization of multi-walled carbon nanotube/poly-lactic acid composites. Materials Today: Proceedings, 2017, 4, 6548-6552.	1.8	1

#	ARTICLE	IF	CITATIONS
55	CPW-Fed Slot Antennas Using Loading Metallic Strips and a Widened Tuning Stub with a Finite Reflector. , 2006, , .		0
56	An UWB bandpass filter with dual-notched band and improved stopband performance. , 2012, , .		0
57	Artificial Ground Plane Based on Electromagnetic Bandgap for Stripline Transmission Line. Procedia Computer Science, 2016, 86, 55-58.	2.0	0
58	Highly Unidirectional Slot Antenna Using Transmissive and Reflective Metasurfaces for WLAN and WiMAX Applications. , 2018, , .		0
59	Lowpass Filters with Non-uniform Dielectric Properties using 3D Synthetic Printed Substrates. , 2019, , .		0
60	A Dual-Band Dual-Polarized MIMO Antenna for 700 MHz and Sub-6 GHz 5G Systems. , 2021, , .		0
61	Efficiency Enhancement of Wireless Power Transfer Localization using Defected Metasurface. , 2021, , .		0
62	Zeroth-order Resonator Antenna using Meandered Arm on Jerusalem Geometry in Mushroom-like Structure. , 2020, , .		0