

# Symeon Nikolaou

## List of Publications by Year in descending order

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45  
papers

1,466  
citations

687363

13  
h-index

552781

26  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous wireless information and power transfer in modern communication systems. , 2014, 52, 104-110.		737
2	UWB Elliptical Monopoles With a Reconfigurable Band Notch Using MEMS Switches Actuated Without Bias Lines. IEEE Transactions on Antennas and Propagation, 2009, 57, 2242-2251.	5.1	157
3	Monopole Antenna With Inkjet-Printed EBG Array on Paper Substrate for Wearable Applications. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 663-666.	4.0	140
4	Design and Development of a Compact UWB Monopole Antenna With Easily-Controllable Return Loss. IEEE Transactions on Antennas and Propagation, 2017, 65, 2063-2067.	5.1	72
5	Design and Analysis of Microstrip Bi-Yagi and Quad-Yagi Antenna Arrays for WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 244-248.	4.0	66
6	Reconfigurable Bandwidth Bandpass Filter With Enhanced Out-of-Band Rejection Using $\pi$ -Section-Loaded Ring Resonator. IEEE Microwave and Wireless Components Letters, 2018, 28, 28-30.	3.2	28
7	Dual-Band Compact Rectenna for UHF and ISM Wireless Power Transfer Systems. IEEE Transactions on Antennas and Propagation, 2021, 69, 2392-2397.	5.1	25
8	A Compact Reconfigurable NRI-TL Metamaterial Phase Shifter for Antenna Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 1025-1030.	5.1	18
9	Dynamically Reconfigurable UWB Antenna Using an FET Switch Powered by Wireless RF Harvested Energy. IEEE Transactions on Antennas and Propagation, 2020, 68, 5872-5881.	5.1	18
10	Single-/Dual-BPF Using Coupled-Line Stepped Impedance Resonators (CLSIR). IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1497-1501.	3.0	17
11	Reconfigurable BPF With Constant Center Frequency and Wide Tuning Range of Bandwidth. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1374-1378.	3.0	17
12	Dynamically Reconfigurable SIR Filter Using Rectenna and Active Booster. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1504-1515.	4.6	16
13	A multiband circular polarization selective metasurface for microwave applications. Scientific Reports, 2021, 11, 1774.	3.3	15
14	A Wideband Tunable Power Divider for SWIPT Systems. IEEE Access, 2020, 8, 30675-30681.	4.2	14
15	Reconfigurable dual-mode band-pass filter with switchable bandwidth using PIN diodes. International Journal of Microwave and Wireless Technologies, 2015, 7, 655-660.	1.9	12
16	Integrated Wideband 2-D and 3-D Transitions for Millimeter-Wave RF Front-Ends. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1080-1083.	4.0	10
17	Triple notch UWB antenna controlled by three types of resonators. , 2011, , .		9
18	Inkjet printed ultra wideband spiral antenna using integrated balun on liquid crystal polymer (LCP). , 2012, , .		9

#	ARTICLE	IF	CITATIONS
19	Mutual Coupling Reduction between Finite Spaced Planar Antenna Elements Using Modified Ground Structure. <i>Electronics (Switzerland)</i> , 2021, 10, 19.	3.1	9
20	Conformal wearable monopole antenna backed by a compact EBG structure for body area networks. , 2017, , .		8
21	Wearable biomonitoring monopole antennas using inkjet printed electromagnetic band gap structures. , 2012, , .		7
22	On the Use of Tunable Power Splitter for Simultaneous Wireless Information and Power Transfer Receivers. <i>International Journal of Antennas and Propagation</i> , 2018, 2018, 1-12.	1.2	7
23	UWB antenna with dynamically reconfigurable notch band using rectenna and active booster. <i>IET Microwaves, Antennas and Propagation</i> , 2019, 13, 2046-2052.	1.4	7
24	Novel Selective Feeding Scheme Integrated With SPDT Switches for a Reconfigurable Bandpass-to-Bandstop Filter. <i>IEEE Access</i> , 2021, 9, 25233-25244.	4.2	6
25	77 GHz mmWave antenna array on liquid crystal polymer for automotive radar and RF front end module. <i>ETRI Journal</i> , 2019, 41, 262-269.	2.0	5
26	A compact microstrip crossover using NRI metamaterial lines. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 2839-2843.	1.4	4
27	Inkjet-printed planar antenna for a wireless sensor on paper operating at Wi-Fi frequency. , 2012, , .		3
28	Ambient energy harvesting from 2-way talk-radio signals for smart meter and display applications. , 2014, , .		3
29	A high gain EBG backed monopole for MBAN off-body communication. , 2016, , .		3
30	Wideband BPF using quadruple-mode ring resonator loaded with short-circuited stubs and $\Gamma$ -shaped band-stop sections. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 2316-2320.	1.4	3
31	A Novel S-Band Bandpass Filter (BPF) with Extremely Broad Stopband. , 2018, , .		3
32	Reconfigurable Notch-Band UWB Antenna with RF-to-DC Rectifier for Dynamic Reconfigurability. , 2018, , .		3
33	Foliage obstacle detection exploiting scattering and depolarization of 2.4 GHz waves used for communication links. , 2012, , .		2
34	Synthesis of X-band trisection bandpass filters using hybrid structures of $\lambda/4$ and $\lambda/2$ resonators. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 1461-1467.	1.4	2
35	Voltage-Doubler RF-to-DC Rectifiers for Ambient RF Energy Harvesting and Wireless Power Transfer Systems. , 0, , .		2
36	Dual Frequency MIMO Rectenna with Two-Branch Rectifier and Common Power Storage Unit. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
37	Towards an implantable wireless module with a bandwidth-enhanced antenna manufactured using inkjet-printing technology. , 2013, , .		1
38	Inkjet-printed UHF RFID folded dipole antennas for remote sensing applications. , 2014, , .		1
39	Evolutionary Algorithms Applied to Antennas and Propagation: Emerging Trends and Applications. International Journal of Antennas and Propagation, 2016, 2016, 1-2.	1.2	1
40	A square ring resonator bandpass filter with asymmetrically loaded open circuited stubs. , 2016, , .		1
41	Evolutionary Algorithms Applied to Antennas and Propagation: Emerging Trends and Applications 2017. International Journal of Antennas and Propagation, 2018, 2018, 1-2.	1.2	1
42	Demonstration of Reconfigurable BPFs with Wide Tuning Bandwidth Range Using $3\hat{1}/4$ Open- and $\hat{1}/2$ Short- Ended Stubs. Technologies, 2020, 8, 14.	5.1	1
43	Improved Rectifier Efficiency Using Multi-sine Input Signals. , 2022, , .		1
44	Arbitrary length zero-phase substrate integrated coaxial lines using NRI-TL metamaterials. , 2017, , .		0
45	Wireless Charging of Ground-based Sensors from a UAV-carried Transmitter. , 2021, , .		0