

Steven O'Keefe

List of Publications by Year in descending order

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47
papers

1,255
citations

516710

16
h-index

395702

33
g-index

47
all docs

47
docs citations

47
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniature Convolved FSS for Gain Enhancement of a Multiband Antenna. IEEE Access, 2021, 9, 36898-36907.	4.2	8
2	Ultra-Thin Broadband Transmission FSS for Linear Polarization Rotation. IEEE Access, 2021, 9, 127335-127342.	4.2	3
3	Comparing connectivity metrics in cortico-cortical evoked potentials using synthetic cortical response patterns. Journal of Neuroscience Methods, 2020, 334, 108559.	2.5	16
4	Quantifying volume conducted potential using stimulation artefact in cortico-cortical evoked potentials. Journal of Neuroscience Methods, 2020, 337, 108639.	2.5	22
5	Nocturnal motor events in epilepsy: Is there a defined physiological network?. Clinical Neurophysiology, 2019, 130, 1531-1538.	1.5	3
6	Automatic detection of the epileptogenic zone: An application of the fingerprint of epilepsy. Journal of Neuroscience Methods, 2019, 325, 108347.	2.5	9
7	Window RF Shielding Film Using Printed FSS. IEEE Transactions on Antennas and Propagation, 2018, 66, 790-796.	5.1	64
8	Considerations in performing and analyzing the responses of cortico-cortical evoked potentials in stereo-EEG. Epilepsia, 2018, 59, 16-26.	5.1	47
9	Surface Field Measurements From a Buried UHF Transmitter: Theory, Modeling and Experimental Results. IEEE Transactions on Antennas and Propagation, 2017, 65, 4389-4393.	5.1	7
10	Miniaturised meandered square frequency selective surface on a thin flexible dielectric with selective transmission. Flexible and Printed Electronics, 2016, 1, 025001.	2.7	9
11	Optically transparent frequency selective surfaces on flexible thin plastic substrates. AIP Advances, 2015, 5, .	1.3	31
12	A ROBUST METHOD OF CALCULATING THE EFFECTIVE LENGTH OF A CONDUCTIVE STRIP ON AN UNGROUNDED DIELECTRIC SUBSTRATE. Progress in Electromagnetics Research M, 2014, 35, 57-66.	0.9	7
13	Fabrication Methods for SU-8 Optical Interconnects in Plastic Substrates. IEEE Photonics Technology Letters, 2014, 26, 1275-1278.	2.5	2
14	Self Contained Adaptable Optical Wireless Communications System for Stroke Rate During Swimming. IEEE Sensors Journal, 2013, 13, 3144-3151.	4.7	32
15	Second Generation Swimming Feedback Device Using a Wearable Data Processing System based on Underwater Visible Light Communication. Procedia Engineering, 2013, 60, 34-39.	1.2	9
16	Real-time swimmers' feedback based on smart infrared (SSIR) optical wireless sensor. Electronics Letters, 2013, 49, 340-341.	1.0	8
17	Simple Low-Cost Fabrication Method of A Buried Plastic Optical Waveguide for Circuits in Plastic Interconnects. Microwave and Optical Technology Letters, 2013, 55, 1947-1950.	1.4	2
18	Consensus Clock Synchronization for Wireless Sensor Networks. IEEE Sensors Journal, 2012, 12, 2269-2277.	4.7	154

#	ARTICLE	IF	CITATIONS
19	The effect of air bubbles on an underwater optical communications system for wireless sensor network applications. <i>Microwave and Optical Technology Letters</i> , 2012, 54, 729-732.	1.4	16
20	Tapered Meander Line Antenna for Maximum Efficiency and Minimal Environmental Impact. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 244-247.	4.0	9
21	Design Methods for 3D RFID Antennas Located on a Conducting Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2009, 57, 339-346.	5.1	12
22	Tapered wire antenna design for maximum efficiency and minimal environmental impact. , 2008, , .		7
23	In search of the perfect handset antenna. , 2008, , .		0
24	World-wide lightning location using VLF propagation in the Earth-ionosphere waveguide. <i>IEEE Antennas and Propagation Magazine</i> , 2008, 50, 40-60.	1.4	65
25	A pure dielectric PIFA for WLAN applications. , 2008, , .		1
26	Rectangular Patch with Parasitic Folded Dipoles: A Reconfigurable Antenna. , 2008, , .		10
27	Efficiency variations in electrically small, meander line RFID antennas. , 2007, , .		14
28	Tunability of Liquid Dielectric Resonator Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007, 6, 533-536.	4.0	76
29	Antenna Efficiency Calculations for Electrically Small, RFID Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007, 6, 156-159.	4.0	43
30	Radio and antenna integration for mobile platforms. , 2006, , .		3
31	Time-Dependent Surface Impedance From Spherics. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2005, 2, 104-107.	3.1	3
32	FDTD simulation of radiation characteristics of half-volume HEM- and TE-mode dielectric resonator antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2002, 50, 175-179.	5.1	39
33	Fracture induced electromagnetic emissions in the mining industry. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2001, 12, 203-209.	0.6	10
34	Dual-band six-element switched parasitic array for smart antenna cellular communications systems. <i>Electronics Letters</i> , 2000, 36, 1342.	1.0	36
35	Beam steering and monopulse processing of probe-fed dielectric resonator antennas. <i>IET Radar, Sonar & Navigation</i> , 1999, 146, 121.	2.1	35
36	Switched parasitic feeds for parabolic antenna angle diversity. <i>Microwave and Optical Technology Letters</i> , 1999, 23, 200-203.	1.4	3

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37	Eddy current modelling using the impedance method for surface impedance profiling. IEEE Transactions on Magnetics, 1999, 35, 1107-1110.	2.1	5
38	Base-station tracking in mobile communications using a switched parasitic antenna array. IEEE Transactions on Antennas and Propagation, 1998, 46, 841-844.	5.1	94
39	Analysis of ferrite beads for RF isolation on straight wire conductors. Electronics Letters, 1997, 33, 1359.	1.0	23
40	Surface impedance time domain reflectometry for the determination of ice depth. Geophysical Research Letters, 1997, 24, 1599-1602.	4.0	4
41	Electronic beam steering using switched parasitic patch elements. Electronics Letters, 1997, 33, 7.	1.0	67
42	Conductivity effects on electromagnetic emissions (EME) from ice fracture. Journal of Electrostatics, 1996, 36, 225-234.	1.9	14
43	A mechanism for the production of electromagnetic radiation during fracture of brittle materials. Physics of the Earth and Planetary Interiors, 1995, 89, 127-135.	1.9	136
44	Electromagnetic emissions during rock blasting. Geophysical Research Letters, 1991, 18, 889-892.	4.0	27
45	Electronic beam steering in wire and patch antenna systems using switched parasitic elements. , 0, , .		25
46	An assessment of cable radiation effects on mobile communications antenna measurements. , 0, , .		39
47	A novel wide band antenna for WLAN applications. , 0, , .		6