William Palmer

List of Publications by Year
in descending order

21	557	840776 11	794594 19
papers	citations	h-index	g-index

22	22	22	425
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Frontiers in Thermionic Cathode Research. IEEE Transactions on Electron Devices, 2018, 65, 2061-2071.	3.0	70
2	Leveraging Integration: Toward Efficient Linearized All-Silicon IC Transmitters. IEEE Microwave Magazine, 2014, 15, 86-96.	0.8	7
3	Characterization of Meander Dipole Antennas With a Geometry-Based, Frequency-Independent Lumped Element Model. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 346-349.	4.0	20
4	Effects of Meandering on Dipole Antenna Resonant Frequency. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 122-125.	4.0	46
5	Unified Understanding of RF Remote Probing. IEEE Sensors Journal, 2011, 11, 3055-3063.	4.7	33
6	Digitally Driven Antenna for HF Transmission. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 2362-2367.	4.6	5
7	Electromagnetic Modeling and Simulation of a Directly Modulated Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 779-782.	4.0	8
8	Switched Antenna Circuit With Increased Information Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1045-1048.	4.0	10
9	Multisection bandpass filters using capacitively loaded transmission lines. Microwave and Optical Technology Letters, 2009, 51, 1107-1112.	1.4	0
10	Architectures and components for multifunctional wireless systems. , 2008, , .		0
11	Layer Structure and Thickness Effects on Electroplated AuSn Solder Bump Composition. IEEE Transactions on Components and Packaging Technologies, 2006, 29, 604-609.	1.3	8
12	An Integrated Phased Array Antenna Design Using Ferroelectric Materials and the Continuous Transverse Stub Technology. IEEE Transactions on Antennas and Propagation, 2006, 54, 3095-3105.	5.1	40
13	1.6 A GaN Schottky rectifiers on bulk GaN substrates. Solid-State Electronics, 2002, 46, 911-913.	1.4	15
14	Silicon field emitter cathodes: Fabrication, performance, and applications. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 1980-1990.	2.1	59
15	Emission measurements and simulation of silicon field-emitter arrays with linear planar lenses. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 3455.	1.6	22
16	Mini-column silicon field-emitter arrays. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1995, 13, 580.	1.6	17
17	Low voltage electron emission from Pb(ZrxTi1â^'x)O3â€based thin film cathodes. Applied Physics Letters, 1995, 66, 2183-2185.	3.3	60
18	Silicon field emitter arrays with low capacitance and improved transconductance for microwave amplifier applications. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1995, 13, 576.	1.6	22

#	Article	IF	Citations
19	Fabrication of column-based silicon field emitter arrays for enhanced performance and yield. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1995, 13, 150.	1.6	105
20	Measured DC performance of large arrays of silicon field emitters. IEEE Transactions on Electron Devices, 1994, 41, 1866-1870.	3.0	9
21	Traveling-wave amplifiers with prescribed frequency response. IEEE Transactions on Microwave Theory and Techniques, 1992, 40, 1223-1229.	4.6	0