

# J Stevenson Kenney

## List of Publications by Year in descending order

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31  
papers

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citations

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all docs

31  
docs citations

31  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiency Enhancement of Feedforward Amplifiers by Employing a Negative Group-Delay Circuit. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 1116-1125.	4.6	112
2	A Triple-Mode Balanced Linear CMOS Power Amplifier Using a Switched-Quadrature Coupler. IEEE Journal of Solid-State Circuits, 2012, 47, 2019-2032.	5.4	43
3	2.4 GHz continuously variable ferroelectric phase shifters using all-pass networks. IEEE Microwave and Wireless Components Letters, 2003, 13, 434-436.	3.2	42
4	An Ultra-Compact, Linearly-Controlled Variable Phase Shifter Designed With a Novel RC Poly-Phase Filter. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 301-310.	4.6	38
5	Identification of RF Power Amplifier Memory Effect Origins using Third-Order Intermodulation Distortion Amplitude and Phase Asymmetry. , 2006, , .		35
6	An Approximation of Volterra Series Using Delay Envelopes, Applied to Digital Predistortion of RF Power Amplifiers With Memory Effects. IEEE Microwave and Wireless Components Letters, 2008, 18, 115-117.	3.2	35
7	Compact Wideband Linear CMOS Variable Gain Amplifier for Analog-Predistortion Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 68-76.	4.6	30
8	A Cascode Feedback Bias Technique for Linear CMOS Power Amplifiers in a Multistage Cascode Topology. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 890-901.	4.6	29
9	An envelope elimination and restoration power amplifier using a CMOS dynamic power supply circuit. , 0, , .		17
10	Analytical Modeling of Microwave Parametric Upconverters. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 2118-2124.	4.6	15
11	Power Amplifier Linearization and Efficiency Improvement Techniques for Commercial and Military Applications. , 2006, , .		11
12	Time-to-Digital Converter With Sample-and-Hold and Quantization Noise Scrambling Using Harmonics in Ring Oscillators. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 74-83.	5.4	11
13	Nonlinear analysis and design of frequency selective limiters based on parametric circuits. , 2008, , .		10
14	Cross Cancellation Technique Employing an Error Amplifier. IEEE Microwave and Wireless Components Letters, 2008, 18, 488-490.	3.2	6
15	Voltage-Controlled Ring Oscillator With FOM Improvement by Inductive Loading. IEEE Microwave and Wireless Components Letters, 2019, 29, 122-124.	3.2	6
16	Adaptive predistortion linearization of RF power amplifiers using lookup tables generated from subsampled data. , 0, , .		5
17	Low-Voltage Ferroelectric Phase Shifters from L- to C-Band and Their Applications. , 0, , .		4
18	Microdegree frequency and phase difference control using fractional-N PLL synthesizers. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
19	A Broadband Double-Balanced Phase-Coherent Degenerate Parametric Amplifier. IEEE Microwave and Wireless Components Letters, 2011, 21, 607-609.	3.2	3
20	Analytical modeling of transducer gain and gain compression in degenerate parametric amplifiers. , 2012, , .		3
21	Variable phase shifter design for analog predistortion power amplifier linearization system. , 2013, , .		3
22	A Novel Design of Frequency Multipliers Using Composite Right/Left Handed Transmission Line and Defected Ground Structure. , 2007, , .		2
23	Mixed-signal Simulation of a Power Amplifier Predistortion Linearization System. , 2001, , .		1
24	An RF/DSP Test Bed for Baseband Pre-Distortion of RF Power Amplifiers. , 2001, , .		1
25	Obtaining accurate IMD variation and imbalance measurements for identifying memory effects in high-power amplifiers. , 0, , .		1
26	A Phase-Coherent Upconverting Parametric Amplifier. IEEE Microwave and Wireless Components Letters, 2012, 22, 527-529.	3.2	1
27	An S-Band Reflection-Type Phase Shifter - A Design Example Using Ferroelectrics. Materials Research Society Symposia Proceedings, 2002, 720, 531.	0.1	0
28	Dual-band Feedforward Linear Power Amplifier Using Equal Group Delay Signal Canceller. , 2007, , .		0
29	Estimation and adaptive control of the DC component of impulse sensitivity functions in CMOS LC oscillators. , 2008, , .		0
30	Behavioral modeling for polar transmitters. , 2009, , .		0
31	Parametric power amplifiers: Old ideas, new technologies. , 2010, , .		0