Peter M Asbeck

List of Publications by Citations

Source: https://exaly.com/author-pdf/4819236/peter-m-asbeck-publications-by-citations.pdf

Version: 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130 papers

4,110 citations

37 h-index 61 g-index

138 ext. papers

4,908 ext. citations

3.5 avg, IF

5.56 L-index

#	Paper	IF	Citations
130	An Improved Power-Added Efficiency 19-dBm Hybrid Envelope Elimination and Restoration Power Amplifier for 802.11g WLAN Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2006 , 54, 4086-4099	4.1	201
129	Border traps in Al2O3/In0.53Ga0.47As (100) gate stacks and their passivation by hydrogen anneals. <i>Applied Physics Letters</i> , 2010 , 96, 012906	3.4	163
128	Open-Loop Digital Predistorter for RF Power Amplifiers Using Dynamic Deviation Reduction-Based Volterra Series. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 1524-1534	4.1	159
127	A Watt-Level Stacked-FET Linear Power Amplifier in Silicon-on-Insulator CMOS. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 57-64	4.1	151
126	Analysis and Design of Stacked-FET Millimeter-Wave Power Amplifiers. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 1543-1556	4.1	148
125	A Distributed Model for Border Traps in \$hbox{Al}_{2} hbox{O}_{3}-hbox{InGaAs}\$ MOS Devices. IEEE Electron Device Letters, 2011 , 32, 485-487	4.4	147
124	A Monolithic High-Efficiency 2.4-GHz 20-dBm SiGe BiCMOS Envelope-Tracking OFDM Power Amplifier. <i>IEEE Journal of Solid-State Circuits</i> , 2007 , 42, 1271-1281	5.5	144
123	A Distributed Bulk-Oxide Trap Model for \$hbox{Al}_{2} hbox{O}_{3}\$ InGaAs MOS Devices. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 2100-2106	2.9	123
122	A 25 dBm Digitally Modulated CMOS Power Amplifier for WCDMA/EDGE/OFDM With Adaptive Digital Predistortion and Efficient Power Control. <i>IEEE Journal of Solid-State Circuits</i> , 2009 , 44, 1883-18	9ē ^{.5}	120
121	Scaling of Nanowire Transistors. <i>IEEE Transactions on Electron Devices</i> , 2008 , 55, 2846-2858	2.9	112
120	Digital Predistortion for Envelope-Tracking Power Amplifiers Using Decomposed Piecewise Volterra Series. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 2237-2247	4.1	98
119	Design of Tunneling Field-Effect Transistors Based on Staggered Heterojunctions for Ultralow-Power Applications. <i>IEEE Electron Device Letters</i> , 2010 , 31, 431-433	4.4	94
118	Enhanced Electromagnetic Interference Shielding Through the Use of Functionalized Carbon-Nanotube-Reactive Polymer Composites. <i>IEEE Nanotechnology Magazine</i> , 2010 , 9, 464-469	2.6	93
117	Enhanced dielectric constants and shielding effectiveness of, uniformly dispersed, functionalized carbon nanotube composites. <i>Applied Physics Letters</i> , 2009 , 94, 243111	3.4	84
116	A Combined Series-Parallel Hybrid Envelope Amplifier for Envelope Tracking Mobile Terminal RF Power Amplifier Applications. <i>IEEE Journal of Solid-State Circuits</i> , 2012 , 47, 1185-1198	5.5	81
115	Atomically abrupt and unpinned Al2O3/In0.53Ga0.47As interfaces: Experiment and simulation. <i>Journal of Applied Physics</i> , 2009 , 106, 124508	2.5	78
114	Superior electromagnetic interference shielding and dielectric properties of carbon nanotube composites through the use of high aspect ratio CNTs and three-roll milling. <i>Organic Electronics</i> , 2013 , 14, 1531-1537	3.5	70

(2011-2016)

113	ET Comes of Age: Envelope Tracking for Higher-Efficiency Power Amplifiers. <i>IEEE Microwave Magazine</i> , 2016 , 17, 16-25	1.2	68	
112	Interface-State Modeling of \$hbox{Al}_{2}hbox{O}_{3}\$ IhGaAs MOS From Depletion to Inversion. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 2383-2389	2.9	64	
111	Design of H-Bridge Class-D Power Amplifiers for Digital Pulse Modulation Transmitters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 2845-2855	4.1	63	
110	A Wideband CMOS/GaAs HBT Envelope Tracking Power Amplifier for 4G LTE Mobile Terminal Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 1321-1330	4.1	58	
109	High-Efficiency WCDMA Envelope Tracking Base-Station Amplifier Implemented With GaAs HVHBTs. <i>IEEE Journal of Solid-State Circuits</i> , 2009 , 44, 2629-2639	5.5	54	
108	Novel Technique for Wideband Digital Predistortion of Power Amplifiers With an Under-Sampling ADC. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 2604-2617	4.1	53	
107	Active Millimeter-Wave Phase-Shift Doherty Power Amplifier in 45-nm SOI CMOS. <i>IEEE Journal of Solid-State Circuits</i> , 2013 , 48, 2338-2350	5.5	53	
106	Digitally Assisted Dual-Switch High-Efficiency Envelope Amplifier for Envelope-Tracking Base-Station Power Amplifiers. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011 , 59, 2943-	29 5 2	53	
105	Power Amplifiers for mm-Wave 5G Applications: Technology Comparisons and CMOS-SOI Demonstration Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 3099-3109	4.1	52	
104	28 GHz Doherty Power Amplifier in CMOS SOI With 28% Back-Off PAE. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 446-448	2.6	52	
103	A 2-Bit, 24 dBm, Millimeter-Wave SOI CMOS Power-DAC Cell for Watt-Level High-Efficiency, Fully Digital m-ary QAM Transmitters. <i>IEEE Journal of Solid-State Circuits</i> , 2013 , 48, 1126-1137	5.5	52	
102	Multi-Drive Stacked-FET Power Amplifiers at 90 GHz in 45 nm SOI CMOS. <i>IEEE Journal of Solid-State Circuits</i> , 2014 , 49, 1148-1157	5.5	51	
101	Piezoelectric polarization associated with dislocations in wurtzite GaN. <i>Applied Physics Letters</i> , 1999 , 74, 573-575	3.4	51	
100	An analytical model for inductively coupled implantable biomedical devices with ferrite rods. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2009 , 3, 43-52	5.1	49	
99	Multigate-Cell Stacked FET Design for Millimeter-Wave CMOS Power Amplifiers. <i>IEEE Journal of Solid-State Circuits</i> , 2016 , 51, 2027-2039	5.5	44	
98	CMOS Outphasing Class-D Amplifier With Chireix Combiner. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 619-621	2.6	43	
97	Modeling and Design of RF Amplifiers for Envelope Tracking WCDMA Base-Station Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009 , 57, 2148-2159	4.1	39	
96	A Q-Band Amplifier Implemented with Stacked 45-nm CMOS FETs 2011 ,		39	

95	. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012 , 59, 2111-2124	3.9	38
94	A numerical Schrdinger B oisson solver for radially symmetric nanowire coredhell structures. <i>Solid-State Electronics</i> , 2006 , 50, 1732-1739	1.7	37
93	Linearity Improvement of HBT-Based Doherty Power Amplifiers Based on a Simple Analytical Model. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2006 , 54, 4479-4488	4.1	36
92	Lateral Graphene Heterostructure Field-Effect Transistor. <i>IEEE Electron Device Letters</i> , 2013 , 34, 1190-11,	9 .2	35
91	Voltage Mode Doherty Power Amplifier. <i>IEEE Journal of Solid-State Circuits</i> , 2017 , 52, 1295-1304	5.5	34
90	A Class-G Voltage-Mode Doherty Power Amplifier. <i>IEEE Journal of Solid-State Circuits</i> , 2017 , 52, 3348-336	:0 5	34
89	Closed-Loop Digital Predistortion System With Fast Real-Time Adaptation Applied to a Handset WCDMA PA Module. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 604-618	4.1	34
88	A 20 dBm Linear RF Power Amplifier Using Stacked Silicon-on-Sapphire MOSFETs. <i>IEEE Microwave and Wireless Components Letters</i> , 2006 , 16, 684-686	2.6	33
87	A reusable microfluidic plate with alternate-choice architecture for assessing growth preference in tissue culture. <i>Journal of Neuroscience Methods</i> , 2005 , 144, 79-89	3	33
86	\$Q\$ -Band and \$W\$ -Band Power Amplifiers in 45-nm CMOS SOI. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 1870-1877	4.1	31
85	Photoreflectance characterization of an InP/InGaAs heterojunction bipolar transistor structure. Applied Physics Letters, 1992 , 61, 2066-2068	3.4	29
84	. IEEE Transactions on Microwave Theory and Techniques, 2018 , 66, 1339-1348	4.1	27
83	Digitally-Controlled Polar Transmitter Using a Watt-Class Current-Mode Class-D CMOS Power Amplifier and Guanella Reverse Balun for Handset Applications. <i>IEEE Journal of Solid-State Circuits</i> , 2012 , 47, 1104-1112	5.5	27
82	A PMOS mm-wave power amplifier at 77 GHz with 90 mW output power and 24% efficiency 2016 ,		25
81	Single-Ended and Differential Radial Power Combiners Implemented With a Compact Broadband Probe. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 1565-1572	4.1	24
80	Transmission of Signals With Complex Constellations Using Millimeter-Wave Spatially Power-Combined CMOS Power Amplifiers and Digital Predistortion. <i>IEEE Transactions on Microwave Iheory and Techniques</i> , 2015 , 63, 2364-2374	4.1	21
79	All-Digital Cancellation Technique to Mitigate Receiver Desensitization in Uplink Carrier Aggregation in Cellular Handsets. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 4754	4765	20
78	Efficiency Enhancement of mm-Wave Power Amplifiers Using Envelope Tracking. <i>IEEE Microwave and Wireless Components Letters</i> , 2011 , 21, 157-159	2.6	20

(2015-2012)

77	Design of a 4-W Envelope Tracking Power Amplifier With More Than One Octave Carrier Bandwidth. <i>IEEE Journal of Solid-State Circuits</i> , 2012 , 47, 2298-2308	5.5	19
76	Design of a Wideband High-Voltage High-Efficiency BiCMOS Envelope Amplifier for Micro-Base-Station RF Power Amplifiers. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 1850-1861	4.1	18
75	Analysis of Reverse Leakage Current and Breakdown Voltage in GaN and InGaN/GaN Schottky Barriers. <i>IEEE Transactions on Electron Devices</i> , 2011 , 58, 1986-1994	2.9	18
74	2012,		18
73	Concurrent Dual-Band Digital Predistortion With a Single Feedback Loop. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 1556-1568	4.1	17
72	Millimeter-Wave Power Amplifier Integrated Circuits for High Dynamic Range Signals. <i>IEEE Journal of Microwaves</i> , 2021 , 1, 299-316		17
71	Neural recording and stimulation using wireless networks of microimplants. <i>Nature Electronics</i> , 2021 , 4, 604-614	28.4	17
70	Characterization of Intermodulation and Memory Effects Using Offset Multisine Excitation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 645-657	4.1	16
69	Spatially power-combined W-band power amplifier using stacked CMOS 2014 ,		16
68	InGaN/GaN Schottky Diodes With Enhanced Voltage Handling Capability for Varactor Applications. <i>IEEE Electron Device Letters</i> , 2010 , 31, 1119-1121	4.4	16
67	High-Order Modulation Transmission Through Frequency Quadrupler Using Digital Predistortion. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 1896-1910	4.1	16
66	Comparison of pMOS and nMOS 28 GHz high efficiency linear power amplifiers in 45 nm CMOS SOI 2018 ,		15
65	Self-consistent 1-D SchrdingerPoisson solver for IIIIV heterostructures accounting for conduction band non-parabolicity. <i>Solid-State Electronics</i> , 2010 , 54, 1257-1262	1.7	15
64	\$Q\$-Band Spatially Combined Power Amplifier Arrays in 45-nm CMOS SOI. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 1937-1950	4.1	14
63	Physical modeling of degenerately doped compound semiconductors for high-performance HBT design. <i>Solid-State Electronics</i> , 2006 , 50, 1440-1449	1.7	14
62	A 45-GHz SiGe HBT amplifier at greater than 25 % efficiency and 30 mW output power 2011 ,		13
61	. IEEE Journal of Solid-State Circuits, 2020 , 1-1	5.5	12
60	Projected Performance of Heterostructure Tunneling FETs in Low Power Microwave and mm-Wave Applications. <i>IEEE Journal of the Electron Devices Society</i> , 2015 , 3, 122-134	2.3	12

59	Growth of InGaN HBTs by MOCVD. Journal of Electronic Materials, 2006, 35, 695-700	1.9	12
58	A 11% PAE, 15.8-dBm two-stage 90-GHz stacked-FET power amplifier in 45-nm SOI CMOS 2013 ,		11
57	Minority carrier transport properties of GaInNAs heterojunction bipolar transistors with 2% nitrogen. <i>Journal of Applied Physics</i> , 2004 , 95, 327-333	2.5	11
56	COMPUTATIONALLY EFFICIENT MODEL FOR UWB SIGNAL ATTENUATION DUE TO PROPAGATION IN TISSUE FOR BIOMEDICAL IMPLANTS. <i>Progress in Electromagnetics Research B</i> , 2012 , 38, 1-22	0.7	10
55	RF Power Amplifier Efficiency Enhancement by Envelope Injection and Termination for Mobile Terminal Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 878-889	4.1	10
54	All-digital cancellation technique to mitigate self-jamming in uplink carrier aggregation in cellular handsets 2013 ,		10
53	H-Bridge Class-D Power Amplifiers for Digital Pulse Modulation Transmitters. <i>IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium</i> , 2007 ,		10
52	15 GHz 25 dBm multigate-cell stacked CMOS power amplifier with 32 % PAE and B0 dB gain for 5G applications 2016 ,		10
51	A 45-GHz Si/SiGe 256-QAM transmitter with digital predistortion 2015 ,		9
50	A 34% PAE, 18.6dBm 42월5GHz stacked power amplifier in 45nm SOI CMOS 2012 ,		9
49	High Power Digitally-Controlled SOI CMOS Attenuator With Wide Attenuation Range. <i>IEEE Microwave and Wireless Components Letters</i> , 2011 , 21, 433-435	2.6	9
48	Development of HBT structure to minimize parasitic elements. <i>Solid-State Electronics</i> , 1995 , 38, 1691-1	6 9 <i>5</i> 7	9
47	Synthesis Technique for Low-Loss mm-Wave T/R Combiners for TDD Front-Ends. IEEE Transactions	4	8
	on Microwave Theory and Techniques, 2019 , 67, 1030-1038	4.1	
46	on Microwave Theory and Techniques, 2019 , 67, 1030-1038 A CMOS 45 GHz power amplifier with output power > 600 mW using spatial power combining 2014 ,	4.1	7
46 45		4.1	7
	A CMOS 45 GHz power amplifier with output power > 600 mW using spatial power combining 2014 , Long Time-Constant Trap Effects in Nitride Heterostructure Field Effect Transistors. <i>Materials</i>	4.1	
45	A CMOS 45 GHz power amplifier with output power > 600 mW using spatial power combining 2014 , Long Time-Constant Trap Effects in Nitride Heterostructure Field Effect Transistors. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 622, 6281	2.4	7

41	A Watt-Class, High-Efficiency, Digitally-Modulated Polar Power Amplifier in SOI CMOS 2015,		6
40	Digital etching of III-N materials using a two-step Ar/KOH technique. <i>Journal of Electronic Materials</i> , 2006 , 35, 771-776	1.9	6
39	Linearity Improvement of HBT-based Doherty Power Amplifiers Based on a Simple Analytical Model 2006 ,		6
38	Series power combining: Enabling techniques for Si/SiGe millimeter-wave power amplifiers 2016 ,		6
37	. IEEE Journal of Solid-State Circuits, 2017 , 52, 1185-1195	5.5	5
36	Intrinsically Linear Transistor for Millimeter-Wave Low Noise Amplifiers. <i>Nano Letters</i> , 2020 , 20, 2812-28	8 20 .5	5
35	Characterization of interface defects in ALD Al2O3/p-GaSb MOS capacitors using admittance measurements in range from kHz to GHz. <i>Solid-State Electronics</i> , 2016 , 118, 18-25	1.7	5
34	Analysis of heat dissipation of epitaxial graphene devices on SiC. Solid-State Electronics, 2014, 101, 44-4	9 1.7	5
33	A W-band stacked FET power amplifier with 17 dBm Psat in 45-nm SOI MOS 2013 ,		5
32	Reduced temperature S-parameter measurements of 400+GHz sub-micron InP DHBTs. <i>Solid-State Electronics</i> , 2007 , 51, 870-881	1.7	5
31	Improved Envelope Injection and Termination (EIT) RF Power Amplifier With Envelope Equalization for Mobile Terminal Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 341-	3 5 1	4
30	A 42 to 47-GHz, 8-bit I/Q digital-to-RF converter with 21-dBm Psat and 16% PAE in 45-nm SOI CMOS 2013 ,		4
29	An Envelope-Tracking CMOS-SOS Power Amplifier with 50% Overall PAE and 29.3 dBm Output Power for LTE Applications 2012 ,		4
28	A 9 mW, Q-Band Direct-Conversion I/Q Modulator in SiGe BiCMOS Process. <i>IEEE Microwave and Wireless Components Letters</i> , 2012 , 22, 327-329	2.6	4
27	Effects of surface micromesas on reverse leakage current in InGaN/GaN Schottky barriers. <i>Journal of Applied Physics</i> , 2012 , 112, 044505	2.5	4
26	Wideband high efficiency envelope tracking integrated circuit for micro-base station power amplifiers 2011 ,		4
25	Frequency quadrupling transmitter architecture with digital predistortion for high-order modulation signal transmission 2015 ,		3
24	Critical design considerations for GaN-based microwave power varactors 2012 ,		3

23	Digital predistortion of envelope-tracking power amplifiers under average power back-off and long-term average power efficiency for base-station applications. <i>International Journal of Microwave and Wireless Technologies</i> , 2013 , 5, 171-177	0.8	3
22	A W-band stacked FET power amplifier with 17 dBm Psat in 45-nm SOI CMOS 2013 ,		3
21	0.7¶.8 GHz multiband digital polar transmitter using watt-class current-mode class-D CMOS power amplifier and digital envelope modulation technique for reduced spurious emissions. <i>International Journal of Microwave and Wireless Technologies</i> , 2013 , 5, 271-284	0.8	3
20	GaN Envelope Tracking Power Amplifier with More Than One Octave Carrier Bandwidth 2011,		3
19	Power Amplifier Approaches for High Efficiency and Linearity189-227		3
18	High-power, high-efficiency digital polar doherty power amplifier for cellular applications in SOI CMOS 2016 ,		3
17	Numerical study of inhomogeneity effects on Hall measurements of graphene films. <i>Solid-State Electronics</i> , 2015 , 106, 34-43	1.7	2
16	Linear operation of high-power millimeter-wave stacked-FET PAs in CMOS SOI 2012 ,		2
15	Efficiency ehancement of W-CDMA base-station envelope tracking power amplifiers via load modulation. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1954-1957	1.2	2
14	. IEEE Transactions on Electron Devices, 2007 , 54, 398-409	2.9	2
14	. IEEE Transactions on Electron Devices, 2007, 54, 398-409 InP HBT millimeter-wave power amplifier implemented using planar radial power combiner 2008,	2.9	2
		2.9	
13	InP HBT millimeter-wave power amplifier implemented using planar radial power combiner 2008, Analysis of Temperature Dependent Effects on IV Characteristics of Heterostructure Tunnel Field		2
13	InP HBT millimeter-wave power amplifier implemented using planar radial power combiner 2008, Analysis of Temperature Dependent Effects on IV Characteristics of Heterostructure Tunnel Field Effect Transistors. IEEE Journal of the Electron Devices Society, 2016, 4, 416-423 Techniques for Power Dynamic Range and Back-Off Efficiency Improvement in CMOS Digitally	2.3	2
13 12 11	InP HBT millimeter-wave power amplifier implemented using planar radial power combiner 2008, Analysis of Temperature Dependent Effects on IV Characteristics of Heterostructure Tunnel Field Effect Transistors. <i>IEEE Journal of the Electron Devices Society</i> , 2016, 4, 416-423 Techniques for Power Dynamic Range and Back-Off Efficiency Improvement in CMOS Digitally Controlled Polar Transmitters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016, 1-12 Analysis of Resistance Asymmetry Due to p-n Junctions in Graphene FETs. <i>Materials Research</i>	2.3	2 2 1
13 12 11	InP HBT millimeter-wave power amplifier implemented using planar radial power combiner 2008, Analysis of Temperature Dependent Effects on IV Characteristics of Heterostructure Tunnel Field Effect Transistors. IEEE Journal of the Electron Devices Society, 2016, 4, 416-423 Techniques for Power Dynamic Range and Back-Off Efficiency Improvement in CMOS Digitally Controlled Polar Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2016, 1-12 Analysis of Resistance Asymmetry Due to p-n Junctions in Graphene FETs. Materials Research Society Symposia Proceedings, 2010, 1259, 1 Charge transfer region at the edge of metal contacts on graphene and its impact on contact	2.3	2 2 1
13 12 11 10	InP HBT millimeter-wave power amplifier implemented using planar radial power combiner 2008, Analysis of Temperature Dependent Effects on IV Characteristics of Heterostructure Tunnel Field Effect Transistors. IEEE Journal of the Electron Devices Society, 2016, 4, 416-423 Techniques for Power Dynamic Range and Back-Off Efficiency Improvement in CMOS Digitally Controlled Polar Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2016, 1-12 Analysis of Resistance Asymmetry Due to p-n Junctions in Graphene FETs. Materials Research Society Symposia Proceedings, 2010, 1259, 1 Charge transfer region at the edge of metal contacts on graphene and its impact on contact resistance measurement 2011, ANALYSIS OF HIGH DC CURRENT GAIN STRUCTURES FOR GaN/InGaN/GaN HBTs. International	2.3	2 2 1 1

LIST OF PUBLICATIONS

5	circuits. Solid-State Electronics, 2021 , 186, 108149	1.7	О
4	PERFORMANCE COMPARISON OF SCALED III-V AND SI BALLISTIC NANOWIRE MOSFETs. International Journal of High Speed Electronics and Systems, 2009 , 19, 15-22	0.5	
3	Advanced GaAs-Based HBT Designs for Wireless Communications Systems39-77		

- Photoemission studies on heterostructure bipolar transistors. *Solid-State Electronics*, **1999**, 43, 1555-156<u>0</u>.7
- PERFORMANCE COMPARISON OF SCALED III-V AND Si BALLISTIC NANOWIRE MOSFETs. Selected Topics in Electornics and Systems, **2009**, 15-22