

# Saida Latreche

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6148877/publications.pdf>

Version: 2024-02-01

29  
papers

124  
citations

1478505

6  
h-index

1281871

11  
g-index

29  
all docs

29  
docs citations

29  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Analysis of the Polysilicon base Position of the Thermal Resistance and the Self Heating Effects of 0.13 Åµm SiGe Heterojunction Bipolar Transistors. Russian Microelectronics, 2022, 51, 192-198.	0.5	0
2	Improvement of the Self-Heating Performance of an Advanced SiGe HBT Transistor Through the Peltier Effect. IEEE Transactions on Electron Devices, 2021, 68, 479-484.	3.0	3
3	Analytical Drain-Current Model and Surface-Potential Calculation for Junctionless Cylindrical Surrounding-Gate MOSFETs. International Journal of Circuits, Systems and Signal Processing, 2021, 15, 1394-1399.	0.3	2
4	Analytical Drain-Current Model and Surface-Potential Calculation for Junctionless Cylindrical Surrounding-Gate MOSFETs. International Journal of Circuits, Systems and Signal Processing, 2021, 15, 1585-1590.	0.3	0
5	COMSOL simulation of a new generation of SiGe heterojunction bipolar transistor (HBT) integrated in a BiCMOS 55nm technology. AIP Conference Proceedings, 2021, , .	0.4	0
6	Compact border termination for active edge planar radiation detectors with enhanced breakdown voltage. Micro and Nano Letters, 2020, 15, 969-971.	1.3	2
7	Numerical method for a 2D drift diffusion model arising in strained n-type MOSFET device. Pramana - Journal of Physics, 2016, 86, 1391-1400.	1.8	1
8	UC1 Oscillator Remote Lab for Distant Electronics Education. International Journal of Interactive Mobile Technologies, 2015, 9, 9.	1.2	0
9	Experimentally verified drain current model for variable barrier transistor. Electronics Letters, 2015, 51, 1364-1366.	1.0	4
10	Nanoscale DGMOSFET: DC Modelisation and Analysis of Phase Noise in RF Oscillator. Journal of Applied Sciences, 2015, 15, 800-807.	0.3	1
11	Optimization of Abrupt Profile of Germanium in Si/SiGe Heterojunction Bipolar Transistor Specified for Radio Frequency Range Systems. Applied Mechanics and Materials, 2014, 492, 316-320.	0.2	1
12	Static Performance of SiGe HBTs at Low Temperature. Applied Mechanics and Materials, 2014, 666, 59-63.	0.2	0
13	Compact Modeling of Lightly Doped Nanoscale DG MOSFET Transistor. Applied Mechanics and Materials, 2014, 492, 306-310.	0.2	1
14	Mathematical approach and optimisation of nanometric base thickness for a SiGeC HBT dedicated to radiofrequency applications. Journal of Computational and Applied Mathematics, 2014, 259, 925-936.	2.0	6
15	UC1 Oscillator remotelab for distant electronics education. , 2014, , .		1
16	Compact drain-current model for undoped cylindrical surrounding-gate metal-oxide-semiconductor field effect transistors including short channel effects. Journal of Applied Physics, 2013, 114, .	2.5	17
17	Numerical modeling of MOS transistor using implicit finite different-time domain method. , 2012, , .		1
18	Numerical modeling of MOS transistor with interconnections using lumped element-FDTD method. Microelectronics Journal, 2012, 43, 995-1002.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Compact modeling of long channel Double Gate MOSFET transistor. , 2012, , .		0
20	A new approach of power electronic design using a nonlinear average model. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2012, 31, 1726-1756.	0.9	0
21	Highly symmetrical chromium(II) bisdiketimate complexes. Inorganica Chimica Acta, 2011, 365, 49-53.	2.4	11
22	Unsymmetrically substituted triazacyclohexanes and their chromium complexes. Polyhedron, 2010, 29, 1399-1404.	2.2	4
23	Chromium(III) Bis(diketimate) Complexes. Organometallics, 2010, 29, 2180-2185.	2.3	17
24	Zirconium Complexes of Symmetric and of Chiral Diketimate Ligands: Synthesis, Crystal Structures, and Reactivities. Organometallics, 2010, 29, 1551-1559.	2.3	27
25	Mixed-mode analysis of the sensitivity of a radiofrequency oscillator disturbed by parasitic signals. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2009, 22, 23-42.	1.9	1
26	Photonic band gap grating in He <sup>+</sup> -implanted lithium niobate waveguides. Optical and Quantum Electronics, 2007, 39, 333-340.	3.3	7
27	1,3-Bis(2-fluorophenyl)-5-propyl-1,3,5-triazacyclohexane. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4676-o4678.	0.2	4
28	3,5-Bis(4-fluorophenyl)-1-propyl-1,3,5-triazacyclohexane. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4674-o4675.	0.2	6
29	3,5-Bis(2-fluorophenyl)-1-isopropyl-1,3,5-triazacyclohexane. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4960-o4962.	0.2	5