

# Hugues Marinchio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10844859/publications.pdf>

Version: 2024-02-01

9  
papers

66  
citations

1937685

4  
h-index

1872680

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

20  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Waves Subterahertz Optical Beating Detection and Enhancement in Long-Channel High-Electron-Mobility Transistors: Experiments and Modeling. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 491-497.	2.9	22
2	Pseudo-two-dimensional Poisson equation for the modeling of field-effect transistors. Journal of Computational Electronics, 2010, 9, 141-145.	2.5	20
3	Enhanced THz Detection Through Phase-Controlled Current Response in Field-Effect Transistors. IEEE Electron Device Letters, 2013, 34, 795-797.	3.9	14
4	Terahertz Small-Signal Response of Field-Effect Transistor Channels. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 584-589.	3.1	4
5	Electronic, optical and thermal excitation of plasma waves in HEMTs: A theoretical study. Journal of Physics: Conference Series, 2009, 193, 012076.	0.4	2
6	Terahertz detection and electronic noise in field-effect transistors. , 2013, , .		2
7	Terahertz response of a field-effect transistor loaded with a reactive component. Solid-State Electronics, 2018, 146, 21-27.	1.4	2
8	Hydrodynamic study of terahertz three-dimensional plasma resonances in InGaAs diodes. Journal of Physics: Conference Series, 2009, 193, 012096.	0.4	0
9	Hydrodynamic determination of the intrinsic small-signal equivalent circuit of HEMTs. , 2015, , .		0