

# Hamed Ghodsi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4689091/publications.pdf>

Version: 2024-02-01

10  
papers

32  
citations

2257833

3  
h-index

1872570

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and investigation of a balanced silicon-based plasmonic internal-photoemission detector. Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	14
2	Analysis and design of a SiGe-HBT based terahertz detector for imaging arrays applications. Microelectronics Journal, 2019, 90, 156-162.	1.1	4
3	High Purcell Factor Achievement of Notched Cavity Germanium Multiple Quantum Well Plasmon Source. Plasmonics, 2020, 15, 155-167.	1.8	4
4	Design and analysis of an electrically pumped GaAs quantum dot plasmonic nanolaser. Optik, 2020, 203, 164027.	1.4	4
5	Physical characteristics modification of a SiGe-HBT semiconductor device for performance improvement in a terahertz detecting system. Journal of Semiconductors, 2015, 36, 054010.	2.0	2
6	Design and simulation of a germanium multiple quantum well metal strip nanocavity plasmon laser. Optical and Quantum Electronics, 2020, 52, 1.	1.5	2
7	Conversion gain improvement of HBT-optoelectronic mixers using structural design alteration of device. , 2014, , .		1
8	Efficient carrier transport in GRIN-SCH transistor lasers. Quantum Electronics, 2019, 49, 391-398.	0.3	1
9	Performance improvement of SiGe-HBT terahertz detectors using exponential base grading. , 2015, , .		0
10	Nanoscale Plasmon Sources: Physical Principles and Novel Structures. , 2020, , .		0