

Hamed Ghodsi

List of Publications by Year in descending order

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papers

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2492102

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2070828

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10
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26
citing authors

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