

# Mohammad Rafat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11374983/publications.pdf>

Version: 2024-02-01

8  
papers

110  
citations

2258059

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2053705

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g-index

8  
all docs

8  
docs citations

8  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	A FinBOX Based Ge FinEHBTfET: Design and Investigation. Silicon, 2022, 14, 2165-2174.	3.3	1
2	Heterodielectric oxide-engineered single-lateral pocket-based gated source <sc>TFET</sc>. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2021, 34, e2877.	1.9	3
3	p-Heterogate Ge EHBTfET with asymmetric dielectric underlap pockets. , 2019, , .		1
4	Insights Into the Impact of Pocket and Source Elevation in Vertical Gate Elevated Source Tunnel FET Structures. IEEE Transactions on Electron Devices, 2019, 66, 752-758.	3.0	13
5	A Line TFET design employing Tri-line-gate architecture and U-shaped pockets for minimizing drain field effects. , 2019, , .		0
6	A High-Performance Inverted-C Tunnel Junction FET With Source-channel Overlap Pockets. IEEE Transactions on Electron Devices, 2018, 65, 763-768.	3.0	72
7	Ambipolar leakage suppression in electron-hole bilayer TFET: investigation and analysis. Journal of Computational Electronics, 2018, 17, 977-985.	2.5	19
8	Investigation of leakage in FinEHBTfET with stack-gate underlaps. , 2017, , .		1