

Shangyi Chen

List of Publications by Year in descending order

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4
papers

46
citations

2258059

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2550090

3
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4
docs citations

4
times ranked

27
citing authors

#	ARTICLE	IF	CITATIONS
1	High-contrast, highly textured VO ₂ thin films integrated on silicon substrates using annealed Al ₂ O ₃ buffer layers. Journal of Applied Physics, 2020, 127, .	2.5	19
2	Multiphysics simulation of hypersensitive microbolometer sensor using vanadium dioxide and air suspension for millimeter wave imaging. Microsystem Technologies, 2021, 27, 2815-2822.	2.0	14
3	Fundamental Improvement to the Efficiency of On-Chip mmWave Phased Arrays Using MEMS Suspension. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 473-477.	4.0	10
4	A Vanadium Dioxide Microbolometer in the Transition Region for Millimeter Wave Imaging. , 2019, , .		3