

# Shangyi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7230310/publications.pdf>

Version: 2024-02-01

4  
papers

46  
citations

2258059

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2550090

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docs citations

4  
times ranked

27  
citing authors

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