

# Xianming Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7914050/publications.pdf>

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1307594  
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83  
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#	ARTICLE	IF	CITATIONS
1	Enhanced phase unwrapping algorithm based on unscented Kalman filter, enhanced phase gradient estimator, and path-following strategy. Applied Optics, 2014, 53, 4049.	1.8	47
2	Iterated unscented Kalman filter for phase unwrapping of interferometric fringes. Optics Express, 2016, 24, 18872.	3.4	41
3	Phase noise filtering and phase unwrapping method based on unscented Kalman filter. Journal of Systems Engineering and Electronics, 2011, 22, 365-372.	2.2	31
4	Unscented information filtering phase unwrapping algorithm for interferometric fringe patterns. Applied Optics, 2017, 56, 9423.	1.8	27
5	Efficient phase unwrapping algorithm based on cubature information particle filter applied to unwrap noisy continuous phase maps. Optics Express, 2019, 27, 9906.	3.4	15
6	New particle filtering phase unwrapping algorithm for wrapped fringe patterns. Optics and Lasers in Engineering, 2019, 116, 55-67.	3.8	11
7	Phase Unwrapping Algorithm Based on Extended Particle Filter for SAR Interferometry. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 405-408.	0.3	8
8	Novel phase unwrapping technique based on extended information filter. Optics and Lasers in Engineering, 2021, 142, 106615.	3.8	3
9	Phase unwrapping algorithm based on a rank information filter. Applied Optics, 2021, 60, 6648.	1.8	3