

# Juan Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/723246/publications.pdf>

Version: 2024-02-01

7  
papers

65  
citations

1937685

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1720034

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7  
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docs citations

7  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	High sensitivity knitted fabric bi-directional pressure sensor based on conductive blended yarn. Smart Materials and Structures, 2019, 28, 035017.	3.5	24
2	Equivalent resistance calculation of knitting sensor under strip biaxial elongation. Sensors and Actuators A: Physical, 2014, 220, 118-125.	4.1	15
3	Electrical percolation of fibre mixtures. Applied Physics A: Materials Science and Processing, 2015, 121, 589-595.	2.3	10
4	Mechanism of Electrical Conductivity in Metallic Fiber-Based Yarns. Autex Research Journal, 2020, 20, 63-68.	1.1	7
5	Electrospun Nanofiber Membranes from 1,8-Naphthimide-Based Polymer/Poly(vinyl alcohol) for pH Fluorescence Sensing. Molecules, 2022, 27, 520.	3.8	5
6	Investigation on the Relation between Structure Parameters and Sensing Properties of Knitted Strain Sensor under Strip Biaxial Elongation. Journal of Engineered Fibers and Fabrics, 2015, 10, 155892501501000.	1.0	3
7	Structural Design and Electrical Characteristics of Wearable and Flexible Stainless Steel/Polyester Fibre Mixture. Fibers and Polymers, 2021, 22, 854-861.	2.1	1