

# Xiang Ding

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3712391/publications.pdf>

Version: 2024-02-01

7  
papers

139  
citations

1684188

5  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

106  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Efficient conversion of sound noise into electric energy using electrospun polyacrylonitrile membranes. <i>Nano Energy</i> , 2020, 75, 104956.  | 16.0 | 57        |
| 2 | High-Performance Voice Recognition Based on Piezoelectric Polyacrylonitrile Nanofibers. <i>Advanced Electronic Materials</i> , 2021, 7, 2100206.  | 5.1  | 22        |
| 3 | Single-layer piezoelectric nanofiber membrane with substantially enhanced noise-to-electricity conversion from endogenous triboelectricity. <i>Nano Energy</i> , 2021, 89, 106427.  | 16.0 | 22        |
| 4 | Schottky DC generators with considerable enhanced power output and energy conversion efficiency based on polypyrrole-TiO <sub>2</sub> nanocomposite. <i>Nano Energy</i> , 2021, 89, 106367.                                     | 16.0 | 16        |
| 5 | Energy generation from airborne noise: Improving electrical outputs of single-layer polyvinylidene difluoride nanofiber membranes by incorporating a small number of nylon-6 nanofibers. <i>Nano Energy</i> , 2021, 90, 106618. | 16.0 | 15        |
| 6 | Effect of water and DMSO on mechano-electrical conversion of Schottky DC generators. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13055-13065.   | 10.3 | 5         |
| 7 | Numerical and experimental analysis on anisotropic thermal conductivity of carding quartz fiber web based on the reconstruction model. <i>Textile Research Journal</i> , 2022, 92, 2100-2111.                                   | 2.2  | 2         |