

# Karin A Jansen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2594650/publications.pdf>

Version: 2024-02-01

8  
papers

765  
citations

1163117

8  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1205  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | A guide to mechanobiology: Where biology and physics meet. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 3043-3052.   | 4.1 | 248       |
| 2 | The Role of Network Architecture in Collagen Mechanics. <i>Biophysical Journal</i> , 2018, 114, 2665-2678.   | 0.5 | 153       |
| 3 | Cells Actively Stiffen Fibrin Networks by Generating Contractile Stress. <i>Biophysical Journal</i> , 2013, 105, 2240-2251.  | 0.5 | 146       |
| 4 | Multi-scale strain-stiffening of semiflexible bundle networks. <i>Soft Matter</i> , 2016, 12, 2145-2156.   | 2.7 | 72        |
| 5 | Spatial collagen stiffening promotes collective breast cancer cell invasion by reinforcing extracellular matrix alignment. <i>Oncogene</i> , 2022, 41, 2458-2469.  | 5.9 | 47        |
| 6 | Buffers Strongly Modulate Fibrin Self-Assembly into Fibrous Networks. <i>Langmuir</i> , 2017, 33, 6342-6352.   | 3.5 | 45        |
| 7 | The specificity of the interaction between $\alpha$ -B-crystallin and desmin filaments and its impact on filament aggregation and cell viability. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120375. | 4.0 | 40        |
| 8 | Molecular packing structure of fibrin fibers resolved by X-ray scattering and molecular modeling. <i>Soft Matter</i> , 2020, 16, 8272-8283.  | 2.7 | 13        |