

# Simone Benaglia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1915112/publications.pdf>

Version: 2024-02-01

9  
papers

294  
citations

1162367

8  
h-index

1473754

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and high-resolution mapping of elastic properties of biomolecules and polymers with bimodal AFM. <i>Nature Protocols</i> , 2018, 13, 2890-2907.	5.5	68
2	Fast, quantitative and high resolution mapping of viscoelastic properties with bimodal AFM. <i>Nanoscale</i> , 2019, 11, 15289-15297.	2.8	64
3	Atomically resolved interfacial water structures on crystalline hydrophilic and hydrophobic surfaces. <i>Nanoscale</i> , 2021, 13, 5275-5283.	2.8	35
4	Multi-scale characterisation of a ferroelectric polymer reveals the emergence of a morphological phase transition driven by temperature. <i>Nature Communications</i> , 2021, 12, 152.	5.8	34
5	High-Speed Nanomechanical Mapping of the Early Stages of Collagen Growth by Bimodal Force Microscopy. <i>ACS Nano</i> , 2021, 15, 1850-1857.	7.3	31
6	Liquid-gated Organic Electronic Devices Based on High-Performance Solution-Processed Molecular Semiconductor. <i>Advanced Electronic Materials</i> , 2017, 3, 1700159.	2.6	28
7	Tip Charge Dependence of Three-Dimensional AFM Mapping of Concentrated Ionic Solutions. <i>Physical Review Letters</i> , 2021, 127, 196101.	2.9	17
8	Subnanometer Interfacial Forces in Three-Dimensional Atomic Force Microscopy: Water and Octane near a Mica Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26296-26303.	1.5	12
9	Exploiting interfacial phenomena in organic bioelectronics: Conformable devices for bidirectional communication with living systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 143-147.	2.5	5