

# Michael Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7310165/publications.pdf>

Version: 2024-02-01

14  
papers

530  
citations

759233

12  
h-index

1058476

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g-index

14  
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14  
docs citations

14  
times ranked

594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezoelectric polymers: theory, challenges and opportunities. <i>International Materials Reviews</i> , 2022, 67, 65-88.	19.3	103
2	Fully Printed Flexible Plasmonic Metafilms with Directional Color Dynamics. <i>Advanced Science</i> , 2021, 8, 2002419.	11.2	20
3	Unprecedented dipole alignment in $\beta$ -phase nylon-11 nanowires for high-performance energy-harvesting applications. <i>Science Advances</i> , 2020, 6, eaay5065.	10.3	30
4	Poly-L-lactic Acid Nanotubes as Soft Piezoelectric Interfaces for Biology: Controlling Cell Attachment via Polymer Crystallinity. <i>ACS Applied Bio Materials</i> , 2020, 3, 2140-2149.	4.6	27
5	Aerosol-jet printing facilitates the rapid prototyping of microfluidic devices with versatile geometries and precise channel functionalization. <i>Applied Materials Today</i> , 2020, 19, 100618.	4.3	22
6	Freestanding Functional Structures by Aerosol Jet Printing for Stretchable Electronics and Sensing Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1900048.	5.8	42
7	Aerosol Jet Printed Fine-Featured Triboelectric Sensors for Motion Sensing. <i>Advanced Materials Technologies</i> , 2019, 4, 1800328.	5.8	38
8	Enhanced Molecular Alignment in Poly-L-lactic Acid Nanotubes Induced via Melt Press Template Wetting. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800607.	3.6	11
9	Mechanical Energy Harvesting Performance of Ferroelectric Polymer Nanowires Grown via Template Wetting. <i>Energy Technology</i> , 2018, 6, 928-934.	3.8	20
10	Controlling and assessing the quality of aerosol jet printed features for large area and flexible electronics. <i>Flexible and Printed Electronics</i> , 2017, 2, 015004.	2.7	121
11	Direct observation of shear piezoelectricity in poly-L-lactic acid nanowires. <i>APL Materials</i> , 2017, 5, .	5.1	44
12	Needs and Enabling Technologies for Stretchable Electronics Commercialization. <i>MRS Advances</i> , 2017, 2, 1721-1729.	0.9	11
13	Exploring piezoelectric properties of InV nanowires using piezo-response force microscopy. <i>Semiconductor Science and Technology</i> , 2017, 32, 074006.	2.0	18
14	Mapping piezoelectric response in nanomaterials using a dedicated non-destructive scanning probe technique. <i>Nanoscale</i> , 2017, 9, 19290-19297.	5.6	23