

# Nikita Kumari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4171168/publications.pdf>

Version: 2024-02-01

17  
papers

237  
citations

1306789

7  
h-index

1058022

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfectness of the main-chain alignment in the conjugated polymer films prepared by the floating film transfer method. Applied Physics Letters, 2022, 120, .	1.5	8
2	PCPDTBT copolymer based high performance organic phototransistors utilizing improved chain alignment. Optical Materials, 2021, 113, 110886.	1.7	6
3	Development of High-Sensitivity Poly(2,7-(9,9-diethylfluorene)-alt 5,5-(4,7-dithienylbenzo) Tj ETQq1 1 0.7 Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100185.	1.2	2
4	Extreme Orientational Uniformity in Large-Area Floating Films of Semiconducting Polymers for Their Application in Flexible Electronics. ACS Applied Materials & Interfaces, 2021, 13, 38534-38543.	4.0	18
5	Probing the metal/conducting polymer interface and implications of the metal diffusion in two-terminal sandwich devices. Synthetic Metals, 2021, 278, 116797.	2.1	0
6	Assisted alignment of conjugated polymers in floating film transfer method using polymer blend. Thin Solid Films, 2021, 734, 138814.	0.8	6
7	2D positional mapping of casting condition driven microstructural distribution in organic thin films. Japanese Journal of Applied Physics, 2020, 59, SCCA06.	0.8	2
8	Reduced contact resistance in organic field-effect transistors fabricated using floating film transfer method. Journal of Materials Science: Materials in Electronics, 2020, 31, 15277-15285.	1.1	4
9	Solvent-Assisted Friction Transfer Method for Fabricating Large-Area Thin Films of Semiconducting Polymers with Edge-On Oriented Extended Backbones. ACS Applied Materials & Interfaces, 2020, 12, 55033-55043.	4.0	5
10	Investigation and Control of Charge Transport Anisotropy in Highly Oriented Friction-Transferred Polythiophene Thin Films. ACS Applied Materials & Interfaces, 2020, 12, 11876-11883.	4.0	25
11	Comparative analysis of metal diffusion effects in polymer films coated with spin coating and floating film transfer techniques. Synthetic Metals, 2020, 264, 116378.	2.1	0
12	Orientation of Semiconducting Polymers via Swift Printing and Drawing Techniques for High Performance Organic Electronic Devices. , 2020, , .		0
13	Role of device architecture and ALOX interlayer in organic Schottky diodes and their interpretation by analytical modeling. Journal of Applied Physics, 2019, 126, .	1.1	11
14	Recent advances in the orientation of conjugated polymers for organic field-effect transistors. Journal of Materials Chemistry C, 2019, 7, 13323-13351.	2.7	111
15	2D positional profiling of orientation and thickness uniformity in the semiconducting polymers thin films. Organic Electronics, 2019, 68, 221-229.	1.4	7
16	Facile fabrication of large area oriented conjugated polymer films by ribbon-shaped FTM and its implication on anisotropic charge transport. Organic Electronics, 2019, 65, 1-7.	1.4	30
17	Current voltage perspective of an organic electronic device. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1413-1418.	0.9	2