

# Jarrkko Tolvanen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4770235/publications.pdf>

Version: 2024-02-01

12  
papers

411  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kirigami-inspired dual-parameter tactile sensor with ultrahigh sensitivity, multimodal and strain-insensitive features. <i>Flexible and Printed Electronics</i> , 2021, 6, 034005.	2.7	4
2	Bioplastics and Carbon-Based Sustainable Materials, Components, and Devices: Toward Green Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49301-49312.	8.0	27
3	All-Around Universal and Photoelastic Self-Healing Elastomer with High Toughness and Resilience. <i>Advanced Science</i> , 2021, 8, e2103235.	11.2	19
4	A Non-Invasive Method for Hydration Status Measurement With a Microwave Sensor Using Skin Phantoms. <i>IEEE Sensors Journal</i> , 2020, 20, 1095-1104.	4.7	10
5	Stretchable Sensors with Tunability and Single Stimuli-Responsiveness through Resistivity Switching Under Compressive Stress. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14433-14442.	8.0	12
6	Biodegradable multiphase poly(lactic acid)/biochar/graphite composites for electromagnetic interference shielding. <i>Composites Science and Technology</i> , 2019, 181, 107704.	7.8	55
7	Lightweight Hierarchical Carbon Nanocomposites with Highly Efficient and Tunable Electromagnetic Interference Shielding Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19331-19338.	8.0	105
8	Piezoelectric Flexible LCP/PZT Composites for Sensor Applications at Elevated Temperatures. <i>Electronic Materials Letters</i> , 2018, 14, 113-123.	2.2	17
9	Stretchable and Washable Strain Sensor Based on Cracking Structure for Human Motion Monitoring. <i>Scientific Reports</i> , 2018, 8, 13241.	3.3	101
10	Hybrid Foam Pressure Sensor Utilizing Piezoresistive and Capacitive Sensing Mechanisms. <i>IEEE Sensors Journal</i> , 2017, 17, 4735-4746.	4.7	49
11	Dielectric properties of novel polyurethane/PZT/graphite foam composites. <i>Smart Materials and Structures</i> , 2016, 25, 095039.	3.5	9
12	Screen-printed mechanical switch based on stretchable PU foam film. <i>Electronics Letters</i> , 2016, 52, 1395-1397.	1.0	3