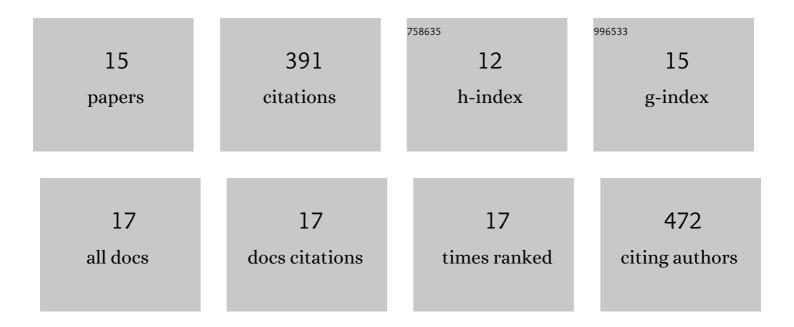
Tyler J Cuthbert

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7330582/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Hydrogels as Soft Ionic Conductors in Flexible and Wearable Triboelectric Nanogenerators. Advanced Science, 2022, 9, e2106008.	5.6	48
2	Conductive Thermoplastic Elastomer Composite Capacitive Strain Sensors and Their Application in a Wearable Device for Quantitative Joint Angle Prediction. ACS Applied Polymer Materials, 2021, 3, 122-129.	2.0	20
3	Understanding the Impact of Machine Learning Models on the Performance of Different Flexible Strain Sensor Modalities. Frontiers in Materials, 2021, 8, .	1.2	9
4	Fatigue Monitoring in Running Using Flexible Textile Wearable Sensors. Sensors, 2020, 20, 5573.	2.1	20
5	Harnessing the surface chemistry of methyl ester functionalized polydicyclopentadiene and exploring surface bioactivity. Materials Advances, 2020, 1, 1753-1762.	2.6	4
6	Textileâ€Based Inductive Soft Strain Sensors for Fast Frequency Movement and Their Application in Wearable Devices Measuring Multiaxial Hip Joint Angles during Running. Advanced Intelligent Systems, 2020, 2, 1900165.	3.3	26
7	Production and Dynamic Mechanical Analysis of Macro-Scale Functionalized Polydicyclopentadiene Objects Facilitated by Rational Synthesis and Reaction Injection Molding. ACS Applied Polymer Materials, 2019, 1, 2460-2471.	2.0	9
8	Application-Based Production and Testing of a Core–Sheath Fiber Strain Sensor for Wearable Electronics: Feasibility Study of Using the Sensors in Measuring Tri-Axial Trunk Motion Angles. Sensors, 2019, 19, 4288.	2.1	22
9	Lower Body Kinematics Monitoring in Running Using Fabric-Based Wearable Sensors and Deep Convolutional Neural Networks. Sensors, 2019, 19, 5325.	2.1	33
10	Structure of the Thermally Induced Cross-Link in <i>C</i> -Linked Methyl Ester-Functionalized Polydicyclopentadiene (<i>f</i> PDCPD). Macromolecules, 2018, 51, 2038-2047.	2.2	21
11	Surprising Antibacterial Activity and Selectivity of Hydrophilic Polyphosphoniums Featuring Sugar and Hydroxy Substituents. Angewandte Chemie - International Edition, 2018, 57, 12707-12710.	7.2	73
12	Self-Healing Polyphosphonium Ionic Networks. Macromolecules, 2017, 50, 5253-5260.	2.2	37
13	Synthesis, properties, and antibacterial activity of polyphosphonium semi-interpenetrating networks. Journal of Materials Chemistry B, 2016, 4, 4872-4883.	2.9	31
14	Contact active antibacterial phosphonium coatings cured with UV light. Journal of Materials Chemistry B, 2015, 3, 1474-1478.	2.9	24
15	Synthesis and Characterization of a Family of Air-Stable Ferrocene- and Ruthenocene-Containing Primary, Secondary, and Tertiary Phosphines. Organometallics, 2015, 34, 4272-4280.	1.1	13