

Muhammad Khatib

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7930307/muhammad-khatib-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

497
citations

11
h-index

22
g-index

26
ext. papers

761
ext. citations

17.5
avg, IF

4.51
L-index

#	Paper	IF	Citations
24	Highly Efficient Self-Healing Multifunctional Dressing with Antibacterial Activity for Sutureless Wound Closure and Infected Wound Monitoring (Adv. Mater. 3/2022). <i>Advanced Materials</i> , 2022 , 34, 2270025	24	1
23	A Wearable Microneedle-Based Extended Gate Transistor for Real-Time Detection of Sodium in Interstitial Fluids (Adv. Mater. 10/2022). <i>Advanced Materials</i> , 2022 , 34, 2270079	24	1
22	Synthesis, characterization, and humidity-responsiveness of guar gum xanthate and its nanocomposite with copper sulfide covellite.. <i>International Journal of Biological Macromolecules</i> , 2022 , 206, 105-114	7.9	1
21	Wearable Microneedle-Based Extended Gate Transistor for Real-Time Detection of Sodium in Interstitial Fluids.. <i>Advanced Materials</i> , 2021 , e2108607	24	6
20	Highly Efficient Self-Healing Multifunctional Dressing with Antibacterial Activity for Sutureless Wound Closure and Infected Wound Monitoring. <i>Advanced Materials</i> , 2021 , e2106842	24	21
19	Stretchable and Highly Permeable Nanofibrous Sensors for Detecting Complex Human Body Motion (Adv. Mater. 41/2021). <i>Advanced Materials</i> , 2021 , 33, 2170325	24	0
18	Self-Healing Soft Sensors: Self-Healing Soft Sensors: From Material Design to Implementation (Adv. Mater. 11/2021). <i>Advanced Materials</i> , 2021 , 33, 2170085	24	2
17	Biointerfaced sensors for biodiagnostics. <i>View</i> , 2021 , 2, 20200172	7.8	9
16	Self-Healing Soft Sensors: From Material Design to Implementation. <i>Advanced Materials</i> , 2021 , 33, e2004190	19	35
15	CuS-Carrageenan Composite Grown from the Gel/Liquid Interface. <i>ChemSystemsChem</i> , 2021 , 3, e2000063	3.1	6
14	Stretchable and Highly Permeable Nanofibrous Sensors for Detecting Complex Human Body Motion. <i>Advanced Materials</i> , 2021 , 33, e2102488	24	9
13	Highly Efficient and Water-Insensitive Self-Healing Elastomer for Wet and Underwater Electronics. <i>Advanced Functional Materials</i> , 2020 , 30, 1910196	15.6	59
12	A Multifunctional Electronic Skin Empowered with Damage Mapping and Autonomic Acceleration of Self-Healing in Designated Locations. <i>Advanced Materials</i> , 2020 , 32, e2000246	24	53
11	Electronic Skin: A Multifunctional Electronic Skin Empowered with Damage Mapping and Autonomic Acceleration of Self-Healing in Designated Locations (Adv. Mater. 17/2020). <i>Advanced Materials</i> , 2020 , 32, 2070134	24	1
10	Versatile nature of anthanthrone based polymers as active multifunctional semiconductors for various organic electronic devices. <i>Materials Advances</i> , 2020 , 1, 3428-3438	3.3	3
9	Time-Resolved and Self-Adjusting Hybrid Functional Fabric Sensor for Decoupling Multiple Stimuli from Bending. <i>Advanced Materials Technologies</i> , 2019 , 4, 1900290	6.8	5
8	Time-space-resolved origami hierarchical electronics for ultrasensitive detection of physical and chemical stimuli. <i>Nature Communications</i> , 2019 , 10, 1120	17.4	32

7	Self-Healable Materials for Underwater Applications. <i>Advanced Materials Technologies</i> , 2019 , 4, 19000816.8	21
6	Disease Detection with Molecular Biomarkers: From Chemistry of Body Fluids to Nature-Inspired Chemical Sensors. <i>Chemical Reviews</i> , 2019 , 119, 11761-11817	68.1 134
5	Organic Transistor Based on Cyclopentadithiophene-Benzothiadiazole Donor-Acceptor Copolymer for the Detection and Discrimination between Multiple Structural Isomers. <i>Advanced Functional Materials</i> , 2019 , 29, 1808188	15.6 12
4	A Freestanding Stretchable and Multifunctional Transistor with Intrinsic Self-Healing Properties of all Device Components. <i>Small</i> , 2019 , 15, e1803939	11 31
3	Volatile Organic Compounds: Chemically Modified Polyaniline for the Detection of Volatile Biomarkers of Minimal Sensitivity to Humidity and Bending (Adv. Healthcare Mater. 15/2018). <i>Advanced Healthcare Materials</i> , 2018 , 7, 1870059	10.1 1
2	Chemically Modified Polyaniline for the Detection of Volatile Biomarkers of Minimal Sensitivity to Humidity and Bending. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800232	10.1 15
1	Composites of Polymer and Carbon Nanostructures for Self-Healing Chemical Sensors. <i>Advanced Materials Technologies</i> , 2016 , 1, 1600187	6.8 30