

Philipp SchÄffner

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

161
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Imperceptible energy harvesting device and biomedical sensor based on ultraflexible ferroelectric transducers and organic diodes. <i>Nature Communications</i> , 2021, 12, 2399.	12.8	101
2	Piezoelectric Properties of Zinc Oxide Thin Films Grown by Plasma-Enhanced Atomic Layer Deposition. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 2000319.	1.8	20
3	Microstructured single-layer electrodes embedded in P(VDF-TrFE) for flexible and self-powered direction-sensitive strain sensors. <i>Smart Materials and Structures</i> , 2020, 29, 085040.	3.5	12
4	Smart Core-Shell Nanostructures for Force, Humidity, and Temperature Multi-Stimuli Responsiveness. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	10
5	Screen-Printed Ferroelectric P(VDF-TrFE)- PbTiO_3 and P(VDF-TrFE)- $\text{NaBiTi}_2\text{O}_6$ Nanocomposites for Selective Temperature and Pressure Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38614-38625.	8.0	9
6	A Novel Sensor Foil to Measure Ski Deflections: Development and Validation of a Curvature Model. <i>Sensors</i> , 2021, 21, 4848.	3.8	7
7	Polymer-based printed electrolytic capacitor and its circuitry application in a low pass filtering, rectifying and energy storage unit. <i>Flexible and Printed Electronics</i> , 2021, 6, 025005.	2.7	2