

Yang Zou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8405564/publications.pdf>

Version: 2024-02-01

29
papers

2,630
citations

304743

22
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Symbiotic cardiac pacemaker. <i>Nature Communications</i> , 2019, 10, 1821.	12.8	429
2	A bionic stretchable nanogenerator for underwater sensing and energy harvesting. <i>Nature Communications</i> , 2019, 10, 2695.	12.8	413
3	Self-Powered Pulse Sensor for Antidiastole of Cardiovascular Disease. <i>Advanced Materials</i> , 2017, 29, 1703456.	21.0	360
4	Transcatheter Self-Powered Ultrasensitive Endocardial Pressure Sensor. <i>Advanced Functional Materials</i> , 2019, 29, 1807560.	14.9	181
5	Body-Integrated Self-Powered System for Wearable and Implantable Applications. <i>ACS Nano</i> , 2019, 13, 6017-6024.	14.6	142
6	Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors. <i>Small</i> , 2020, 16, e1904758.	10.0	107
7	Recent progress in human body energy harvesting for smart bioelectronic system. <i>Fundamental Research</i> , 2021, 1, 364-382.	3.3	106
8	Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator. <i>Advanced Functional Materials</i> , 2019, 29, 1808640.	14.9	92
9	A Bioresorbable Dynamic Pressure Sensor for Cardiovascular Postoperative Care. <i>Advanced Materials</i> , 2021, 33, e2102302.	21.0	85
10	Self-Powered Gesture Recognition Wristband Enabled by Machine Learning for Full Keyboard and Multicommand Input. <i>Advanced Materials</i> , 2022, 34, e2200793.	21.0	81
11	Stretchable, Self-Healing, and Skin-Mounted Active Sensor for Multipoint Muscle Function Assessment. <i>ACS Nano</i> , 2021, 15, 10130-10140.	14.6	75
12	A wearable noncontact free-rotating hybrid nanogenerator for self-powered electronics. <i>Information Materials</i> , 2020, 2, 1191-1200.	17.3	71
13	A Battery-Like Self-Charge Universal Module for Motional Energy Harvest. <i>Advanced Energy Materials</i> , 2019, 9, 1901875.	19.5	68
14	Reversible Conversion between Schottky and Ohmic Contacts for Highly Sensitive, Multifunctional Biosensors. <i>Advanced Functional Materials</i> , 2020, 30, 1907999.	14.9	61
15	Bioinspired sensor system for health care and human-machine interaction. <i>EcoMat</i> , 2022, 4, .	11.9	54
16	Nestable arched triboelectric nanogenerator for large deflection biomechanical sensing and energy harvesting. <i>Nano Energy</i> , 2020, 69, 104417.	16.0	47
17	Wearable Wire-Shaped Symmetric Supercapacitors Based on Activated Carbon-Coated Graphite Fibers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34302-34310.	8.0	46
18	Self-powered wearable electronics. <i>Wearable Technologies</i> , 2020, 1, .	3.1	36

#	ARTICLE	IF	CITATIONS
19	Triboelectric-polarization-enhanced high sensitive ZnO UV sensor. <i>Nano Today</i> , 2020, 33, 100873.	11.9	33
20	Density functional theory (DFT) studies of vanadium-titanium based selective catalytic reduction (SCR) catalysts. <i>Journal of Environmental Sciences</i> , 2020, 90, 119-137.	6.1	31
21	Stretchable graded multichannel self-powered respiratory sensor inspired by shark gill. <i>Fundamental Research</i> , 2022, 2, 619-628.	3.3	29
22	O ₃ oxidation combined with semi-dry method for simultaneous desulfurization and denitrification of sintering/pelletizing flue gas. <i>Journal of Environmental Sciences</i> , 2021, 104, 253-263.	6.1	27
23	Cancer Therapy: Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator (<i>Adv. Funct. Mater.</i> 41/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970285.	14.9	17
24	Simultaneous removal of NO _x and SO ₂ using two-stage O ₃ oxidation combined with Ca(OH) ₂ absorption. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1907-1914.	2.7	16
25	A Self-Powered Optogenetic System for Implantable Blood Glucose Control. <i>Research</i> , 2022, 2022, .	5.7	7
26	Endocardial Pressure Sensors: Transcatheter Self-Powered Ultrasensitive Endocardial Pressure Sensor (<i>Adv. Funct. Mater.</i> 3/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970017.	14.9	5
27	Simultaneous Removal of SO ₂ and NO _x Using Steel Slag Slurry Combined with Ozone Oxidation. <i>ACS Omega</i> , 2021, 6, 28804-28812.	3.5	5
28	Stretchable Sensors: Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors (<i>Small</i> 7/2020). <i>Small</i> , 2020, 16, 2070037.	10.0	4
29	Bioabsorbable Capacitors: Fully Bioabsorbable Capacitor as an Energy Storage Unit for Implantable Medical Electronics (<i>Adv. Sci.</i> 6/2019). <i>Advanced Science</i> , 2019, 6, 1970035.	11.2	2