

Alberto Libanori

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,722
citations

361045

20
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational investigation of ultrasound induced electricity generation via a triboelectric nanogenerator. <i>Nano Energy</i> , 2022, 91, 106656.	8.2	26
2	Moisture assisted photo-engineered textiles for visible and self-adaptive infrared dual camouflage. <i>Nano Energy</i> , 2022, 93, 106855.	8.2	31
3	Laponite-Based Nanomaterials for Drug Delivery. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102054.	3.9	48
4	Simultaneous Biomechanical and Biochemical Monitoring for Self-Powered Breath Analysis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7301-7310.	4.0	86
5	Piezoelectric nanogenerators for personalized healthcare. <i>Chemical Society Reviews</i> , 2022, 51, 3380-3435.	18.7	145
6	Smart textiles for personalized healthcare. <i>Nature Electronics</i> , 2022, 5, 142-156.	13.1	307
7	Flexible patch with printable and antibacterial conductive hydrogel electrodes for accelerated wound healing. <i>Biomaterials</i> , 2022, 285, 121479.	5.7	68
8	Giant Magnetoelastic Effect Enabled Stretchable Sensor for Self-Powered Biomonitoring. <i>ACS Nano</i> , 2022, 16, 6013-6022.	7.3	59
9	Brain-on-a-chip: Recent advances in design and techniques for microfluidic models of the brain in health and disease. <i>Biomaterials</i> , 2022, 285, 121531.	5.7	48
10	Deep Learning Assisted Body Area Triboelectric Hydrogel Sensor Network for Infant Care. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	51
11	Advances in triboelectric nanogenerators for biomedical sensing. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112714.	5.3	159
12	Anti-bacterial and wound healing-promoting effects of zinc ferrite nanoparticles. <i>Journal of Nanobiotechnology</i> , 2021, 19, 38.	4.2	87
13	Engineering bandgap of CsPbI ₃ over 1.7 eV with enhanced stability and transport properties. <i>IScience</i> , 2021, 24, 102235.	1.9	29
14	Multi-Dimensional Printing for Bone Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001986.	3.9	41
15	Wearable Triboelectric Nanogenerators for Therapeutics. <i>Trends in Chemistry</i> , 2021, 3, 279-290.	4.4	100
16	Triboelectric Nanogenerators for Therapeutic Electrical Stimulation. <i>Advanced Materials</i> , 2021, 33, e2007502.	11.1	92
17	Water-evaporation-induced intermolecular force for nano-wrinkled polymeric membrane. <i>Cell Reports Physical Science</i> , 2021, 2, 100441.	2.8	18
18	Nickel/Cobalt Molybdate Hollow Rods Induced by Structure and Defect Engineering as Exceptional Electrode Materials for Hybrid Supercapacitor. <i>Chemistry - A European Journal</i> , 2021, 27, 8337-8343.	1.7	20

#	ARTICLE	IF	CITATIONS
19	Single-atom catalysts with bimetallic centers for high-performance electrochemical CO ₂ reduction. <i>Materials Today</i> , 2021, 45, 54-61.	8.3	34
20	Triboelectric Nanogenerators for Self-Powered Wound Healing. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100975.	3.9	64
21	Triboelectric Nanogenerators: Triboelectric Nanogenerators for Therapeutic Electrical Stimulation (<i>Adv. Mater.</i> 26/2021). <i>Advanced Materials</i> , 2021, 33, 2170201.	11.1	3
22	Smart Insole for Robust Wearable Biomechanical Energy Harvesting in Harsh Environments. <i>ACS Nano</i> , 2020, 14, 14126-14133.	7.3	107
23	Microneedle-based bioassays. <i>Nanoscale Advances</i> , 2020, 2, 4295-4304.	2.2	16
24	Hollow IrCo Nanoparticles for High-Performance Overall Water Splitting in an Acidic Medium. <i>ACS Applied Nano Materials</i> , 2020, 3, 11916-11922.	2.4	16
25	Triboelectric Nanogenerator Enabled Smart Shoes for Wearable Electricity Generation. <i>Research</i> , 2020, 2020, 7158953.	2.8	67