

Ningqi Luo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,787
citations

623188

14
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

2944
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Piezoelectric-Induced Pressure Sensors for Static Measurements Based on Nanowires/Graphene Heterostructures. ACS Nano, 2017, 11, 4507-4513.	7.3	435
2	Flexible Piezoresistive Sensor Patch Enabling Ultralow Power Cuffless Blood Pressure Measurement. Advanced Functional Materials, 2016, 26, 1178-1187.	7.8	367
3	Hollow-Structured Graphene-Silicone-Composite-Based Piezoresistive Sensors: Decoupled Property Tuning and Bending Reliability. Advanced Materials, 2017, 29, 1702675.	11.1	213
4	Flexible Organic/Inorganic Hybrid Near-Infrared Photoplethysmogram Sensor for Cardiovascular Monitoring. Advanced Materials, 2017, 29, 1700975.	11.1	193
5	Wood Derived Composites for High Sensitivity and Wide Linear-Range Pressure Sensing. Small, 2018, 14, e1801520.	5.2	79
6	Textile-Enabled Highly Reproducible Flexible Pressure Sensors for Cardiovascular Monitoring. Advanced Materials Technologies, 2018, 3, 1700222.	3.0	72
7	Terbium-doped gadolinium oxide nanoparticles prepared by laser ablation in liquid for use as a fluorescence and magnetic resonance imaging dual-modal contrast agent. Physical Chemistry Chemical Physics, 2015, 17, 1189-1196.	1.3	66
8	Ultrafast-Response/Recovery Flexible Piezoresistive Sensors with DNA-Like Double Helix Yarns for Epidermal Pulse Monitoring. Advanced Materials, 2022, 34, e2104313.	11.1	63
9	Sub-10 nm Monoclinic Gd ₂ O ₃ :Eu ³⁺ Nanoparticles as Dual-Modal Nanoprobes for Magnetic Resonance and Fluorescence Imaging. Langmuir, 2014, 30, 13005-13013.	1.6	61
10	Alignment-Free Liquid-Capsule Pressure Sensor for Cardiovascular Monitoring. Advanced Functional Materials, 2018, 28, 1805045.	7.8	52
11	Ligand-free gadolinium oxide for in vivo T1-weighted magnetic resonance imaging. Physical Chemistry Chemical Physics, 2013, 15, 12235.	1.3	47
12	A general top-down approach to synthesize rare earth doped-Gd ₂ O ₃ nanocrystals as dualmodal contrast agents. Journal of Materials Chemistry B, 2014, 2, 5891-5897.	2.9	40
13	High longitudinal relaxivity of ultra-small gadolinium oxide prepared by microsecond laser ablation in diethylene glycol. Journal of Applied Physics, 2013, 113, 164306.	1.1	27
14	Study of flexible piezoresistive sensors based on the hierarchical porous structure CNT /PDMS composite materials. Journal of Alloys and Compounds, 2022, 917, 165503.	2.8	22
15	Mobile Health: Design of Flexible and Stretchable Electrophysiological Sensors for Wearable Healthcare Systems. , 2014, , .		17
16	A flexible tonoarteriography-based body sensor network for cuffless measurement of arterial blood pressure. , 2015, , .		13
17	In vivo immunotoxicity evaluation of Gd ₂ O ₃ nanoprobes prepared by laser ablation in liquid for MRI preclinical applications. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	11
18	Wearable Sensors: Flexible Piezoresistive Sensor Patch Enabling Ultralow Power Cuffless Blood Pressure Measurement (Adv. Funct. Mater. 8/2016). Advanced Functional Materials, 2016, 26, 1303-1303.	7.8	9

#	ARTICLE	IF	CITATIONS
19	Wearing sensors inside and outside of the human body for the early detection of diseases. , 2021, , 85-103.		0