

# Yan-Cong Qiao

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,654  
citations

393982

19  
h-index

476904

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1959  
citing authors

#	ARTICLE	IF	CITATIONS
1	An intelligent nanomesh-reinforced graphene pressure sensor with an ultra large linear range. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4858-4869.	5.2	14
2	Intelligent and highly sensitive strain sensor based on indium tin oxide micromesh with a high crack density. <i>Nanoscale</i> , 2022, 14, 4234-4243.	2.8	6
3	Intelligent and Multifunctional Graphene Nanomesh Electronic Skin with High Comfort. <i>Small</i> , 2022, 18, e2104810.	5.2	42
4	Skinâ€Mimicking, Stretchable Photodetector for Skinâ€Customized Ultraviolet Dosimetry. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	6
5	Two-stage amplification of an ultrasensitive MXene-based intelligent artificial eardrum. <i>Science Advances</i> , 2022, 8, eabn2156.	4.7	62
6	Oral wearable sensors: Health management based on the oral cavity. <i>Biosensors and Bioelectronics: X</i> , 2022, 10, 100135.	0.9	6
7	Electrospun Nanofibers for Integrated Sensing, Storage, and Computing Applications. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4370.	1.3	6
8	Electromyogram-strain synergetic intelligent artificial throat. <i>Chemical Engineering Journal</i> , 2022, 449, 137741.	6.6	11
9	Multifunctional Graphene Microstructures Inspired by Honeycomb for Ultrahigh Performance Electromagnetic Interference Shielding and Wearable Applications. <i>ACS Nano</i> , 2021, 15, 8907-8918.	7.3	110
10	Roll-to-roll graphene films for non-disposable electrocardiogram electrodes. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 364003.	1.3	8
11	Graphene-Based Multifunctional Textile for Sensing and Actuating. <i>ACS Nano</i> , 2021, 15, 17738-17747.	7.3	57
12	Ultrasensitive Detection of COVID-19 Causative Virus (SARS-CoV-2) Spike Protein Using Laser Induced Graphene Field-Effect Transistor. <i>Molecules</i> , 2021, 26, 6947.	1.7	22
13	Multifunctional and high-performance electronic skin based on silver nanowires bridging graphene. <i>Carbon</i> , 2020, 156, 253-260.	5.4	67
14	Fabricating Molybdenum Disulfide Memristors. <i>ACS Applied Electronic Materials</i> , 2020, 2, 346-370.	2.0	27
15	Substrate-Free Multilayer Graphene Electronic Skin for Intelligent Diagnosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 49945-49956.	4.0	43
16	Triode-Mimicking Graphene Pressure Sensor with Positive Resistance Variation for Physiology and Motion Monitoring. <i>ACS Nano</i> , 2020, 14, 10104-10114.	7.3	180
17	Anomalous thermoacoustic effect in topological insulator for sound applications. <i>Applied Physics Letters</i> , 2020, 117, 123502.	1.5	2
18	A Miniaturized Integrated SAW Sensing System for Relative Humidity Based on Graphene Oxide Film. <i>IEEE Sensors Journal</i> , 2020, 20, 9733-9739.	2.4	16

#	ARTICLE	IF	CITATIONS
19	High Performance and Wireless Graphene Earphone towards Practical Applications. , 2020, , .		1
20	Graphene-Based Thermoacoustic Sound Source. ACS Nano, 2020, 14, 3779-3804.	7.3	33
21	A Spectrum-Tunable and Flexible Light-Emitting Device with Ultra-Wide Wavelength Range. , 2020, , .		0
22	Highly Transparent and Sensitive Graphene Sensors for Continuous and Non-invasive Intraocular Pressure Monitoring. ACS Applied Materials & Interfaces, 2020, 12, 18375-18384.	4.0	40
23	A Wearable Skinlike Ultra-Sensitive Artificial Graphene Throat. ACS Nano, 2019, 13, 8639-8647.	7.3	80
24	Graphene-based wearable sensors. Nanoscale, 2019, 11, 18923-18945.	2.8	98
25	Flexible Two-Dimensional Ti <sub>3</sub> C <sub>2</sub> MXene Films as Thermoacoustic Devices. ACS Nano, 2019, 13, 12613-12620.	7.3	53
26	An efficient flexible graphene-based light-emitting device. Nanoscale Advances, 2019, 1, 4745-4754.	2.2	22
27	Graphene devices based on laser scribing technology. Japanese Journal of Applied Physics, 2018, 57, 04FA01.	0.8	19
28	Interface Engineering with MoS <sub>2</sub> –Pd Nanoparticles Hybrid Structure for a Low Voltage Resistive Switching Memory. Small, 2018, 14, 1702525.	5.2	52
29	Multifunctional Mechanical Sensors for Versatile Physiological Signal Detection. ACS Applied Materials & Interfaces, 2018, 10, 44173-44182.	4.0	36
30	Wearable humidity sensor based on porous graphene network for respiration monitoring. Biosensors and Bioelectronics, 2018, 116, 123-129.	5.3	278
31	Multilayer Graphene Epidermal Electronic Skin. ACS Nano, 2018, 12, 8839-8846.	7.3	257
32	A simple way to grow large-area single-layer MoS <sub>2</sub> film by chemical vapor deposition. , 2017, , .		0