## **CITATION REPORT** List of articles citing

Imperceptible electrooculography graphene sensor system for humanrobot interface

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#	Paper	IF	Citations
91	Graphene Hybrid Structures for Integrated and Flexible Optoelectronics. <i>Advanced Materials</i> , <b>2020</b> , 32, e1902039	24	53
90	Two-Dimensional Materials in Biosensing and Healthcare: From Diagnostics to Optogenetics and Beyond. <i>ACS Nano</i> , <b>2019</b> , 13, 9781-9810	16.7	142
89	Graphene-based wearable sensors. <i>Nanoscale</i> , <b>2019</b> , 11, 18923-18945	7.7	50
88	Flexible Ultralow-Power Sensor Interfaces for E-Skin. <i>Proceedings of the IEEE</i> , <b>2019</b> , 107, 2084-2105	14.3	27
87	Bio-Integrated Wearable Systems: A Comprehensive Review. <i>Chemical Reviews</i> , <b>2019</b> , 119, 5461-5533	68.1	496
86	. IEEE Journal of the Electron Devices Society, <b>2019</b> , 7, 566-574	2.3	14
85	A Chest-Laminated Ultrathin and Stretchable E-Tattoo for the Measurement of Electrocardiogram, Seismocardiogram, and Cardiac Time Intervals. <i>Advanced Science</i> , <b>2019</b> , 6, 1900290	13.6	79
84	Wearable and Flexible Textile Electrodes for Biopotential Signal Monitoring: A review. <i>Electronics</i> (Switzerland), <b>2019</b> , 8, 479	2.6	93
83	Materials and Design Strategies of Stretchable Electrodes for Electronic Skin and its Applications. <i>Proceedings of the IEEE</i> , <b>2019</b> , 107, 2185-2197	14.3	41
82	Electronic and Thermal Properties of Graphene and Recent Advances in Graphene Based Electronics Applications. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	96
81	Wearable and Implantable Devices for Cardiovascular Healthcare: from Monitoring to Therapy Based on Flexible and Stretchable Electronics. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808247	15.6	207
80	"Cut-and-paste" method for the rapid prototyping of soft electronics <i>Science China Technological Sciences</i> , <b>2019</b> , 62, 199-208	3.5	3
79	Soft dry electroophthalmogram electrodes for human machine interaction. <i>Biomedical Microdevices</i> , <b>2019</b> , 21, 103	3.7	3
78	Electrical Characterization of Graphene-based e-Tattoos for Bio-Impedance-based Physiological Sensing. <b>2019</b> ,		8
77	Stretchable conductive nanocomposite based on alginate hydrogel and silver nanowires for wearable electronics. <i>APL Materials</i> , <b>2019</b> , 7, 031502	5.7	62
76	Flexible Hybrid Electronics for Digital Healthcare. Advanced Materials, 2020, 32, e1902062	24	192
75	Stretchability of PMMA-supported CVD graphene and of its electrical contacts. <i>2D Materials</i> , <b>2020</b> , 7, 014003	5.9	7

## (2021-2020)

74	Copper-Leaf-Based Process for Imperceptible Computational Electronics. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 1900787	6.4	1
73	Wearable Electronics Based on 2D Materials for Human Physiological Information Detection. <i>Small</i> , <b>2020</b> , 16, e1901124	11	52
72	Real-Time Robot Reach-To-Grasp Movements Control Via EOG and EMG Signals Decoding. <b>2020</b> ,		1
71	Temporary tattoo as unconventional substrate for conformable and transferable electronics on skin and beyond. <i>Multifunctional Materials</i> , <b>2020</b> , 3, 032003	5.2	15
70	Multimodal Smart Eyewear for Longitudinal Eye Movement Tracking. <i>Matter</i> , <b>2020</b> , 3, 1275-1293	12.7	14
69	Soft Electronics for the Skin: From Health Monitors to Human Machine Interfaces. <i>Advanced Materials Technologies</i> , <b>2020</b> , 5, 2000233	6.8	39
68	Frontiers of graphene and 2D material-based gas sensors for environmental monitoring. <i>2D Materials</i> , <b>2020</b> , 7, 032002	5.9	35
67	A Tunable Terahertz Metamaterial Absorber Composed of Hourglass-Shaped Graphene Arrays. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	25
66	An epidermal sEMG tattoo-like patch as a new human-machine interface for patients with loss of voice. <i>Microsystems and Nanoengineering</i> , <b>2020</b> , 6, 16	7.7	33
65	Self-powered eye motion sensor based on triboelectric interaction and near-field electrostatic induction for wearable assistive technologies. <i>Nano Energy</i> , <b>2020</b> , 72, 104675	17.1	49
64	On-skin graphene electrodes for large area electrophysiological monitoring and human-machine interfaces. <i>Carbon</i> , <b>2020</b> , 164, 164-170	10.4	31
63	Graphene Elastomer Electrodes for Medical Sensing Applications: Combining High Sensitivity, Low Noise and Excellent Skin Compatibility to Enable Continuous Medical Monitoring. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 13967-13975	4	7
62	Ultraconformable organic devices. <b>2021</b> , 437-478		2
61	Transparent Soft Actuators/Sensors and Camouflage Skins for Imperceptible Soft Robotics. <i>Advanced Materials</i> , <b>2021</b> , 33, e2002397	24	39
60	Materials, Devices, and Systems of On-Skin Electrodes for Electrophysiological Monitoring and Human-Machine Interfaces. <i>Advanced Science</i> , <b>2021</b> , 8, 2001938	13.6	60
59	Smart Stretchable Electronics for Advanced Human Machine Interface. <i>Advanced Intelligent Systems</i> , <b>2021</b> , 3, 2000157	6	12
58	A highly conductive self-assembled multilayer graphene nanosheet film for electronic tattoos in the applications of human electrophysiology and strain sensing. <i>Nanoscale</i> , <b>2021</b> , 13, 10798-10806	7.7	5
57	Synthesis of Wafer-Scale Graphene with Chemical Vapor Deposition for Electronic Device Applications. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2000744	6.8	16

56	Wearable human-machine interface based on the self-healing strain sensors array for control interface of unmanned aerial vehicle. <i>Sensors and Actuators A: Physical</i> , <b>2021</b> , 321, 112583	3.9	7
55	Development of robust, ultra-smooth, flexible and transparent regenerated silk composite films for bio-integrated electronic device applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 176, 498-509	7.9	4
54	Fabrication, characterization and applications of graphene electronic tattoos. <i>Nature Protocols</i> , <b>2021</b> , 16, 2395-2417	18.8	13
53	2D Materials for Skin-Mountable Electronic Devices. <i>Advanced Materials</i> , <b>2021</b> , 33, e2005858	24	17
52	Buckled Fiber Conductors with Resistance Stability under Strain. Advanced Fiber Materials, 2021, 3, 149-	<b>159</b> 9	7
51	Flexible Electrodes for In Vivo and In Vitro Electrophysiological Signal Recording. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100646	10.1	15
50	Differential cardiopulmonary monitoring system for artifact-canceled physiological tracking of athletes, workers, and COVID-19 patients. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
49	Reduced graphene oxide-based wearable and bio-electrolyte triggered pressure sensor with tunable sensitivity. <i>Ceramics International</i> , <b>2021</b> , 47, 17702-17710	5.1	8
48	Soft Electronics for Human-Centered Robotics. 2021,		
47	Wearable and Implantable Soft Bioelectronics: Device Designs and Material Strategies. <i>Annual Review of Chemical and Biomolecular Engineering</i> , <b>2021</b> , 12, 359-391	8.9	28
46	Simple and cost-effective microfabrication of flexible and stretchable electronics for wearable multi-functional electrophysiological monitoring. <i>Scientific Reports</i> , <b>2021</b> , 11, 14823	4.9	O
45	Progress in the Triboelectric HumanMachine Interfaces (HMIs)-Moving from Smart Gloves to AI/Haptic Enabled HMI in the 5G/IoT Era. <i>Nanoenergy Advances</i> , <b>2021</b> , 1, 81-121		17
44	Biocompatible, Transparent, and High-Areal-Coverage Kirigami PEDOT:PSS Electrodes for Electrooculography-Derived Human-Machine Interactions. <i>ACS Sensors</i> , <b>2021</b> , 6, 967-975	9.2	11
43	Design and applications of graphene-based flexible and wearable physical sensing devices. <i>2D Materials</i> , <b>2021</b> , 8, 022001	5.9	8
42	Highly Selective Biomimetic Flexible Tactile Sensor for Neuroprosthetics. <i>Research</i> , <b>2020</b> , 2020, 891069	<b>2</b> <sub>7</sub> .8	15
41	Organic Electrochemical Transistors for In Vivo Bioelectronics. <i>Advanced Materials</i> , <b>2021</b> , 33, e2101874	24	17
40	Electronic tattoos: the most multifunctional but imperceptible wearables. 2019,		1
39	Emerging approaches for sensing and modulating neural activity enabled by nanocarbons and carbides. <i>Current Opinion in Biotechnology</i> , <b>2021</b> , 72, 76-85	11.4	2

38	Highly Stretchable Starch Hydrogel Wearable Patch for Electrooculographic Signal Detection and HumanMachine Interaction. <i>Small Structures</i> , 2100105	8.7	3
37	Flexible, Wearable, and Stretchable Electronics. <b>2020</b> , 1-30		
36	Anisotropic silver nanowire dielectric composites for self-healable triboelectric sensors with multi-directional tactile sensitivity. <i>Nano Energy</i> , <b>2022</b> , 92, 106704	17.1	2
35	Needle Type Pressure Sensor with Parylene Membrane and Silicone Oil Inside. <b>2022</b> ,		
34	Flexible Electronics and Devices as Human-Machine Interfaces for Medical Robotics <i>Advanced Materials</i> , <b>2021</b> , e2107902	24	26
33	Drawn-on-Skin Sensors from Fully Biocompatible Inks toward High-Quality Electrophysiology. <i>Small</i> , 2107099	11	3
32	A Human-Machine Interface Based on an EOG and a Gyroscope for Humanoid Robot Control and Its Application to Home Services <i>Journal of Healthcare Engineering</i> , <b>2022</b> , 2022, 1650387	3.7	2
31	Parylene C-Based, Breathable Tattoo Electrodes for High-Quality Bio-Potential Measurements <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 820217	5.8	1
30	Vertical Heterostructures between Transition-Metal Dichalcogenides A Theoretical Analysis of the NbS2/WSe2 Junction. <i>Advanced Electronic Materials</i> , 2200020	6.4	O
29	Electrooculography and Tactile Perception Collaborative Interface for 3D Human-Machine Interaction ACS Nano, <b>2022</b> ,	16.7	6
28	Strategies for body-conformable electronics. <i>Matter</i> , <b>2022</b> , 5, 1104-1136	12.7	12
27	Green syntheses of graphene and its applications in internet of things (IoT) - a status review <i>Nanotechnology</i> , <b>2022</b> ,	3.4	O
26	Wearable triboelectric devices for haptic perception and VR/AR applications. <i>Nano Energy</i> , <b>2022</b> , 96, 107112	17.1	4
25	Carbonized Polymer for Joule Heating Processing Towards Biosensor Development. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2021</b> , 2021, 7578-7581	0.9	
24	Wearable Pressure Mapping Through Piezoresistive C-PU Foam and Tailor-Made Stretchable e-Textile. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 27374-27384	4	3
23	Non-invasive on-skin sensors for brain machine interfaces with epitaxial graphene. <i>Journal of Neural Engineering</i> , <b>2021</b> ,	5	5
22	???????????????. Scientia Sinica Chimica, <b>2022</b> ,	1.6	0
21	Electronic Tattoos. <b>2022</b> ,		Ο

20	Eye Tracking Hardware: Past to Present, and Beyond. Neuromethods, 2022, 31-48	0.4	
19	A Dielectric Polymer/Metal Oxide Nanowire Composite for Self-Adaptive Charge Release. <i>Nano Letters</i> ,	11.5	2
18	Continuous cuffless monitoring of arterial blood pressure via graphene bioimpedance tattoos. <i>Nature Nanotechnology</i> ,	28.7	6
17	Graphene electronic tattoos 2.0 with enhanced performance, breathability and robustness. <i>Npj 2D Materials and Applications</i> , <b>2022</b> , 6,	8.8	1
16	Thin-Film Electrodes Based on Two-Dimensional Nanomaterials for Neural Interfaces. <b>2022</b> , 5, 10137-10	150	3
15	Multi-Electrode Printed Bioelectronic Patches for Long-Term Electrophysiological Monitoring. 2205956		O
14	From Materials to Devices: Graphene toward Practical Applications. 2200671		3
13	Breathable Electronic Skins for Daily Physiological Signal Monitoring. <b>2022</b> , 14,		3
12	Towards Optimizing the quality of Long-term Physiological Signals Monitoring by Using Anhydrous Carbon Paste Electrode. <b>2022</b> , 1-12		1
11	A graphene temporary tattoo measures blood pressure. <b>2022</b> , 75, 17-19		O
10	Graphene e-tattoos for unobstructive ambulatory electrodermal activity sensing on the palm enabled by heterogeneous serpentine ribbons. <b>2022</b> , 13,		4
9	Recent Advances in Materials, Designs and Applications of Skin Electronics. <b>2022</b> , 1-39		O
8	Smart electronics based on 2D materials for wireless healthcare monitoring. <b>2022</b> , 9, 041308		О
7	Low-Modulus, Low-Motion-Artifact Sensor for Biological Signal Recording. 2022,		O
6	Functional Two-Dimensional Materials for Bioelectronic Neural Interfacing. 2023, 14, 35		О
5	Smart Skin-Adhesive Patches: From Design to Biomedical Applications. 2213560		O
4	Soft Wireless Headband Bioelectronics and Electrooculography for Persistent Human Machine Interfaces. <b>2023</b> , 5, 877-886		О
3	3D Printable Self-Adhesive and Self-Healing Ionotronic Hydrogels for Wearable Healthcare Devices. <b>2023</b> , 15, 11042-11052		O

## CITATION REPORT

Noninvasive Sensors for BrainMachine Interfaces Based on Micropatterned Epitaxial Graphene. **2023**, 6, 5440-5447

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Persistent HumanMachine Interfaces for Robotic Arm Control Via Gaze and Eye Direction Tracking.

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