

Hyunhyub Ko

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130
papers

9,994
citations

49
h-index

99
g-index

138
ext. papers

11,636
ext. citations

12.1
avg, IF

6.51
L-index

#	Paper	IF	Citations
130	Nanowire active-matrix circuitry for low-voltage macroscale artificial skin. <i>Nature Materials</i> , 2010 , 9, 821-67	16.7	1013
129	Nanostructured surfaces and assemblies as SERS media. <i>Small</i> , 2008 , 4, 1576-99	11	668
128	Giant tunneling piezoresistance of composite elastomers with interlocked microdome arrays for ultrasensitive and multimodal electronic skins. <i>ACS Nano</i> , 2014 , 8, 4689-97	16.7	561
127	Fingertip skin-inspired microstructured ferroelectric skins discriminate static/dynamic pressure and temperature stimuli. <i>Science Advances</i> , 2015 , 1, e1500661	14.3	485
126	Optically- and thermally-responsive programmable materials based on carbon nanotube-hydrogel polymer composites. <i>Nano Letters</i> , 2011 , 11, 3239-44	11.5	411
125	Tactile-direction-sensitive and stretchable electronic skins based on human-skin-inspired interlocked microstructures. <i>ACS Nano</i> , 2014 , 8, 12020-9	16.7	398
124	Ultrathin compound semiconductor on insulator layers for high-performance nanoscale transistors. <i>Nature</i> , 2010 , 468, 286-9	50.4	327
123	Bioinspired Interlocked and Hierarchical Design of ZnO Nanowire Arrays for Static and Dynamic Pressure-Sensitive Electronic Skins. <i>Advanced Functional Materials</i> , 2015 , 25, 2841-2849	15.6	244
122	Large-Area Cross-Aligned Silver Nanowire Electrodes for Flexible, Transparent, and Force-Sensitive Mechanochromic Touch Screens. <i>ACS Nano</i> , 2017 , 11, 4346-4357	16.7	213
121	Flexible Ferroelectric Sensors with Ultrahigh Pressure Sensitivity and Linear Response over Exceptionally Broad Pressure Range. <i>ACS Nano</i> , 2018 , 12, 4045-4054	16.7	212
120	Metal-catalyzed crystallization of amorphous carbon to graphene. <i>Applied Physics Letters</i> , 2010 , 96, 063110	11.0	208
119	Triboelectric generators and sensors for self-powered wearable electronics. <i>ACS Nano</i> , 2015 , 9, 3421-7	16.7	187
118	Porous substrates for label-free molecular level detection of nonresonant organic molecules. <i>ACS Nano</i> , 2009 , 3, 181-8	16.7	176
117	Wearable and flexible sensors for user-interactive health-monitoring devices. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4043-4064	7.3	173
116	Capillary Printing of Highly Aligned Silver Nanowire Transparent Electrodes for High-Performance Optoelectronic Devices. <i>Nano Letters</i> , 2015 , 15, 7933-42	11.5	165
115	Nanoparticle-decorated nanocanals for surface-enhanced Raman scattering. <i>Small</i> , 2008 , 4, 1980-4	11	162
114	Skin-Inspired Hierarchical Polymer Architectures with Gradient Stiffness for Spacer-Free, Ultrathin, and Highly Sensitive Triboelectric Sensors. <i>ACS Nano</i> , 2018 , 12, 3964-3974	16.7	138

113	Liquid-crystalline processing of highly oriented carbon nanotube arrays for thin-film transistors. <i>Nano Letters</i> , 2006 , 6, 1443-8	11.5	138
112	Highly porous graphitic carbon and Ni ₂ P ₂ O ₇ for a high performance aqueous hybrid supercapacitor. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 21553-21561	13	130
111	Mimicking Human and Biological Skins for Multifunctional Skin Electronics. <i>Advanced Functional Materials</i> , 2020 , 30, 1904523	15.6	126
110	Bimetallic Nanocobs: Decorating Silver Nanowires with Gold Nanoparticles. <i>Advanced Materials</i> , 2008 , 20, 1544-1549	24	121
109	Encapsulation of organic active materials in carbon nanotubes for application to high-electrochemical-performance sodium batteries. <i>Energy and Environmental Science</i> , 2016 , 9, 1264-1269	25.4	113
108	Tailoring surface plasmons of high-density gold nanostar assemblies on metal films for surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2014 , 6, 616-23	7.7	113
107	Octopus-Inspired Smart Adhesive Pads for Transfer Printing of Semiconducting Nanomembranes. <i>Advanced Materials</i> , 2016 , 28, 7457-65	24	112
106	Smart Actuators and Adhesives for Reconfigurable Matter. <i>Accounts of Chemical Research</i> , 2017 , 50, 691-703	24.3	109
105	Nanotube surface arrays: weaving, bending, and assembling on patterned silicon. <i>Physical Review Letters</i> , 2004 , 92, 065502	7.4	109
104	Carambola-shaped VO ₂ nanostructures: a binder-free air electrode for an aqueous Na ⁺ battery. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 2037-2044	13	105
103	Transparent and conductive nanomembranes with orthogonal silver nanowire arrays for skin-attachable loudspeakers and microphones. <i>Science Advances</i> , 2018 , 4, eaas8772	14.3	98
102	Tailoring force sensitivity and selectivity by microstructure engineering of multidirectional electronic skins. <i>NPG Asia Materials</i> , 2018 , 10, 163-176	10.3	95
101	An ice-templated, pH-tunable self-assembly route to hierarchically porous graphene nanoscroll networks. <i>Nanoscale</i> , 2014 , 6, 9734-41	7.7	95
100	Micro/nanostructured surfaces for self-powered and multifunctional electronic skins. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 2999-3018	7.3	90
99	Hierarchical urchin-shaped MnO ₂ on graphene-coated carbon microfibers: a binder-free electrode for rechargeable aqueous Na ⁺ battery. <i>NPG Asia Materials</i> , 2016 , 8, e294-e294	10.3	82
98	Stretchable and wearable colorimetric patches based on thermoresponsive plasmonic microgels embedded in a hydrogel film. <i>NPG Asia Materials</i> , 2018 , 10, 912-922	10.3	81
97	Transparent and Flexible Surface-Enhanced Raman Scattering (SERS) Sensors Based on Gold Nanostar Arrays Embedded in Silicon Rubber Film. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44088-44095	8.5	77
96	Combing and Bending of Carbon Nanotube Arrays with Confined Microfluidic Flow on Patterned Surfaces. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 4385-4393	3.4	76

95	A Hierarchical Nanoparticle-in-Micropore Architecture for Enhanced Mechanosensitivity and Stretchability in Mechanochromic Electronic Skins. <i>Advanced Materials</i> , 2019 , 31, e1808148	24	75
94	Directed Self-Assembly of Gradient Concentric Carbon Nanotube Rings. <i>Advanced Functional Materials</i> , 2008 , 18, 2114-2122	15.6	73
93	Biodegradable, electro-active chitin nanofiber films for flexible piezoelectric transducers. <i>Nano Energy</i> , 2018 , 48, 275-283	17.1	66
92	Exploration of cobalt phosphate as a potential catalyst for rechargeable aqueous sodium-air battery. <i>Journal of Power Sources</i> , 2016 , 311, 29-34	8.9	64
91	A superior dye adsorbent towards the hydrogen evolution reaction combining active sites and phase-engineering of (1T/2H) MoS ₂ /EMoO ₃ hybrid heterostructured nanoflowers. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15320-15329	13	63
90	Redox-Additive-Enhanced High Capacitance Supercapacitors Based on Co ₂ P ₂ O ₇ Nanosheets. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1700059	4.6	61
89	Nanoporous membranes with mixed nanoclusters for Raman-based label-free monitoring of peroxide compounds. <i>Analytical Chemistry</i> , 2009 , 81, 5740-8	7.8	61
88	Ultrathin, lightweight and flexible perovskite solar cells with an excellent power-per-weight performance. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1107-1114	13	59
87	Bioenabled Surface-Mediated Growth of Titania Nanoparticles. <i>Advanced Materials</i> , 2008 , 20, 3274-3279	24	59
86	Encapsulating Nanoparticle Arrays into Layer-by-layer Multilayers by Capillary Transfer Lithography. <i>Chemistry of Materials</i> , 2005 , 17, 5489-5497	9.6	59
85	Strain-Sensitive Raman Modes of Carbon Nanotubes in Deflecting Freely Suspended Nanomembranes. <i>Advanced Materials</i> , 2005 , 17, 2127-2131	24	59
84	Hybrid core-shell nanowire forests as self-selective chemical connectors. <i>Nano Letters</i> , 2009 , 9, 2054-8	11.5	56
83	Sewing machine stitching of polyvinylidene fluoride fibers: programmable textile patterns for wearable triboelectric sensors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 22879-22888	13	50
82	High-Performance MoS/CuO Nanosheet-on-One-Dimensional Heterojunction Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33955-33962	9.5	49
81	Particle-Film Plasmons on Periodic Silver Film over Nanosphere (AgFON): A Hybrid Plasmonic Nanoarchitecture for Surface-Enhanced Raman Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 634-42	9.5	49
80	Broadband omnidirectional light detection in flexible and hierarchical ZnO/Si heterojunction photodiodes. <i>Nano Research</i> , 2017 , 10, 22-36	10	47
79	Carbon Nanotube Arrays Encapsulated into Freely Suspended Flexible Films. <i>Chemistry of Materials</i> , 2005 , 17, 2490-2493	9.6	42
78	Three-dimensional SnS ₂ nanopetals for hybrid sodium-air batteries. <i>Electrochimica Acta</i> , 2017 , 257, 328-334	13.4	41

77	Flexible carbon-nanofiber connectors with anisotropic adhesion properties. <i>Small</i> , 2010 , 6, 22-6	11	41
76	Nanoparticle-Enhanced Silver-Nanowire Plasmonic Electrodes for High-Performance Organic Optoelectronic Devices. <i>Advanced Materials</i> , 2018 , 30, e1800659	24	41
75	Nanoscale semiconductor "X" on substrate "Y"--processes, devices, and applications. <i>Advanced Materials</i> , 2011 , 23, 3115-27	24	39
74	Binary N,S-doped carbon nanospheres from bio-inspired artificial melanosomes: A route to efficient air electrodes for seawater batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24459-24467	13	39
73	Activity-Durability Coincidence of Oxygen Evolution Reaction in the Presence of Carbon Corrosion: Case Study of MnCo ₂ O ₄ Spinel with Carbon Black. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9566-9571	8.3	38
72	Bioinspired Gradient Conductivity and Stiffness for Ultrasensitive Electronic Skins. <i>ACS Nano</i> , 2021 , 15, 1795-1804	16.7	38
71	Piezoresistive Tactile Sensor Discriminating Multidirectional Forces. <i>Sensors</i> , 2015 , 15, 25463-73	3.8	37
70	Near-Field Electrospinning for Three-Dimensional Stacked Nanoarchitectures with High Aspect Ratios. <i>Nano Letters</i> , 2020 , 20, 441-448	11.5	37
69	High-resolution Raman microscopy of curled carbon nanotubes. <i>Applied Physics Letters</i> , 2004 , 85, 2598-2600	9.4	36
68	Directed self-assembly of rhombic carbon nanotube nanomesh films for transparent and stretchable electrodes. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2319-2325	7.1	33
67	Ferroelectric Multilayer Nanocomposites with Polarization and Stress Concentration Structures for Enhanced Triboelectric Performances. <i>ACS Nano</i> , 2020 , 14, 7101-7110	16.7	32
66	Multifunctional, flexible electronic systems based on engineered nanostructured materials. <i>Nanotechnology</i> , 2012 , 23, 344001	3.4	32
65	Freestanding 2D Arrays of Silver Nanorods. <i>Advanced Materials</i> , 2006 , 18, 2895-2899	24	31
64	Boosting the Performance of Organic Optoelectronic Devices Using Multiple-Patterned Plasmonic Nanostructures. <i>Advanced Materials</i> , 2016 , 28, 4976-82	24	30
63	Hierarchical polymer micropillar arrays decorated with ZnO nanowires. <i>Nanotechnology</i> , 2010 , 21, 29530-4	3.4	30
62	Water-adaptive and repeatable self-healing polymers bearing bulky urea bonds. <i>Polymer Chemistry</i> , 2018 , 9, 11-19	4.9	29
61	Molecular structure engineering of dielectric fluorinated polymers for enhanced performances of triboelectric nanogenerators. <i>Nano Energy</i> , 2018 , 53, 37-45	17.1	29
60	Raman Markers From Silver Nanowire Crossbars. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 4387-4394	3.8	29

59	Wet and Dry Adhesion Properties of Self-Selective Nanowire Connectors. <i>Advanced Functional Materials</i> , 2009 , 19, 3098-3102	15.6	29
58	Large-Area, Solution-Processed, Hierarchical MAPbI ₃ Nanoribbon Arrays for Self-Powered Flexible Photodetectors. <i>Advanced Optical Materials</i> , 2018 , 6, 1800615	8.1	29
57	Effect of Interfacial Interaction on the Conformational Variation of Poly(vinylidene fluoride) (PVDF) Chains in PVDF/Graphene Oxide (GO) Nanocomposite Fibers and Corresponding Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13665-13675	9.5	28
56	Rechargeable Na/Ni batteries based on the Ni(OH) ₂ /NiOOH redox couple with high energy density and good cycling performance. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1564-1573	13	27
55	Particle-on-Film Gap Plasmons on Antireflective ZnO Nanocone Arrays for Molecular-Level Surface-Enhanced Raman Scattering Sensors. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26421-9	9.5	27
54	Soft and ion-conducting hydrogel artificial tongue for astringency perception. <i>Science Advances</i> , 2020 , 6, eaba5785	14.3	27
53	Thermoresponsive chemical connectors based on hybrid nanowire forests. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 616-9	16.4	25
52	Self-powered triboelectric/pyroelectric multimodal sensors with enhanced performances and decoupled multiple stimuli. <i>Nano Energy</i> , 2020 , 72, 104671	17.1	24
51	A Triple-Mode Flexible E-Skin Sensor Interface for Multi-Purpose Wearable Applications. <i>Sensors</i> , 2017 , 18,	3.8	24
50	Self-Healable Reprocessable Triboelectric Nanogenerators Fabricated with Vitrimeric Poly(hindered Urea) Networks. <i>ACS Nano</i> , 2020 , 14, 11442-11451	16.7	24
49	Feasibility of using hollow double walled Mn ₂ O ₃ nanocubes for hybrid Na-air battery. <i>Chemical Engineering Journal</i> , 2019 , 360, 415-422	14.7	24
48	InGaAs Nanomembrane/Si van der Waals Heterojunction Photodiodes with Broadband and High Photoresponsivity. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26105-26111	9.5	23
47	Vacuum-induced wrinkle arrays of InGaAs semiconductor nanomembranes on polydimethylsiloxane microwell arrays. <i>ACS Nano</i> , 2014 , 8, 3080-7	16.7	23
46	Ultrasensitive Piezoresistive Pressure Sensors Based on Interlocked Micropillar Arrays. <i>BioNanoScience</i> , 2014 , 4, 349-355	3.4	21
45	Hybrid core-multishell nanowire forests for electrical connector applications. <i>Applied Physics Letters</i> , 2009 , 94, 263110	3.4	21
44	A high-speed analog-to-digital converter using Josephson self-gating-AND comparators. <i>IEEE Transactions on Magnetics</i> , 1985 , 21, 200-203	2	20
43	Stimuli-responsive micro/nanoporous hairy skin for adaptive thermal insulation and infrared camouflage. <i>Materials Horizons</i> , 2020 , 7, 3258-3265	14.4	20
42	High-Resolution Filtration Patterning of Silver Nanowire Electrodes for Flexible and Transparent Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 32154-32162	9.5	19

41	Transfer Printing of Electronic Functions on Arbitrary Complex Surfaces. <i>ACS Nano</i> , 2020 , 14, 12-20	16.7	19
40	High-Performance Triboelectric Devices via Dielectric Polarization: A Review. <i>Nanoscale Research Letters</i> , 2021 , 16, 35	5	18
39	Fully stretchable self-charging power unit with micro-supercapacitor and triboelectric nanogenerator based on oxidized single-walled carbon nanotube/polymer electrodes. <i>Nano Energy</i> , 2021 , 86, 106083	17.1	17
38	Tailored Poly(vinylidene fluoride--trifluoroethylene) Crystal Orientation for a Triboelectric Nanogenerator through Epitaxial Growth on a Chitin Nanofiber Film. <i>Nano Letters</i> , 2020 , 20, 6651-6659	11.5	16
37	A Fully Biodegradable Ferroelectric Skin Sensor from Edible Porcine Skin Gelatine. <i>Advanced Science</i> , 2021 , 8, 2005010	13.6	15
36	Solution-Processable, High-Performance Flexible Electroluminescent Devices Based on High-k Nanodielectrics. <i>Advanced Functional Materials</i> , 2019 , 29, 1904377	15.6	14
35	Spatiotemporal Measurement of Arterial Pulse Waves Enabled by Wearable Active-Matrix Pressure Sensor Arrays.. <i>ACS Nano</i> , 2021 ,	16.7	14
34	A Flexible High-Performance Photoimaging Device Based on Bioinspired Hierarchical Multiple-Patterned Plasmonic Nanostructures. <i>Small</i> , 2018 , 14, e1703890	11	13
33	MXene-enhanced β phase crystallization in ferroelectric porous composites for highly-sensitive dynamic force sensors. <i>Nano Energy</i> , 2021 , 89, 106409	17.1	13
32	Highly Stretchable Sound-in-Display Electronics Based on Strain-Insensitive Metallic Nanonetworks. <i>Advanced Science</i> , 2020 , 8, 2001647	13.6	11
31	Gate-controlled spin-orbit interaction in inas high-electron mobility transistor layers epitaxially transferred onto Si substrates. <i>ACS Nano</i> , 2013 , 7, 9106-14	16.7	10
30	A Multi-Functional Physiological Hybrid-Sensing E-Skin Integrated Interface for Wearable IoT Applications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019 , 13, 1535-1544	5.1	9
29	Polyvinylidene fluoride (PVDF)/cellulose nanocrystal (CNC) nanocomposite fiber and triboelectric textile sensors. <i>Composites Part B: Engineering</i> , 2021 , 223, 109098	10	9
28	Mechanical Properties of Poly(dopamine)-Coated Graphene Oxide and Poly(vinyl alcohol) Composite Fibers Coated with Reduced Graphene Oxide and Their Use for Piezoresistive Sensing. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1600382	3.1	8
27	High-Performance Hybrid Photovoltaics with Efficient Interfacial Contacts between Vertically Aligned ZnO Nanowire Arrays and Organic Semiconductors. <i>ACS Omega</i> , 2019 , 4, 9996-10002	3.9	8
26	pH-tunable plasmonic properties of Ag nanoparticle cores in block copolymer micelle arrays on Ag films. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 11730-11735	13	8
25	Ultrasensitive Multimodal Tactile Sensors with Skin-Inspired Microstructures through Localized Ferroelectric Polarization.. <i>Advanced Science</i> , 2022 , e2105423	13.6	8
24	Binary Spiky/Spherical Nanoparticle Films with Hierarchical Micro/Nanostructures for High-Performance Flexible Pressure Sensors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 58403-58411	9.5	8

23	Highly Transparent, Flexible, and Self-Healable Thermoacoustic Loudspeakers. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 53184-53192	9.5	7
22	Electronic Textiles Based on Highly Conducting Poly(vinyl alcohol)/Carbon Nanotube/Silver Nanobelt Hybrid Fibers. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31051-31058	9.5	7
21	Gate-Tunable and Programmable n-InGaAs/Black Phosphorus Heterojunction Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23382-23391	9.5	5
20	Large-Area, Highly Sensitive SERS Substrates with Silver Nanowire Thin Films Coated by Microliter-Scale Solution Process. <i>Nanoscale Research Letters</i> , 2017 , 12, 581	5	5
19	Flexible high-performance graphene hybrid photodetectors functionalized with gold nanostars and perovskites. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	5
18	Enhanced thermomechanical property of a self-healing polymer via self-assembly of a reversibly cross-linkable block copolymer. <i>Polymer Chemistry</i> , 2020 , 11, 3701-3708	4.9	5
17	Frequency-selective acoustic and haptic smart skin for dual-mode dynamic/static human-machine interface.. <i>Science Advances</i> , 2022 , 8, eabj9220	14.3	5
16	Spontaneous capillary breakup of suspended gradient polymer stripes into spatially ordered dot arrays. <i>Applied Surface Science</i> , 2019 , 475, 1003-1009	6.7	4
15	Electronic Skin: Bioinspired Interlocked and Hierarchical Design of ZnO Nanowire Arrays for Static and Dynamic Pressure-Sensitive Electronic Skins (Adv. Funct. Mater. 19/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 2840-2840	15.6	4
14	Interdigitated Three-Dimensional Heterogeneous Nanocomposites for High-Performance Mechanochromic Smart Membranes. <i>ACS Nano</i> , 2021 ,	16.7	4
13	Highly Stretchable, Conductive Polymer Electrodes with a Mixed AgPdCu and PTFE Network Interlayer for Stretchable Electronics. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001500	4.6	4
12	Engineering crystal phase of Nylon-11 films for ferroelectric device and piezoelectric sensor. <i>Nano Energy</i> , 2021 , 88, 106244	17.1	3
11	Spin injection and detection in In _{0.53} Ga _{0.47} As nanomembrane channels transferred onto Si substrates. <i>Applied Physics Express</i> , 2014 , 7, 093004	2.4	2
10	Thermoresponsive Chemical Connectors Based on Hybrid Nanowire Forests. <i>Angewandte Chemie</i> , 2010 , 122, 626-629	3.6	2
9	Miniaturization of Josephson logic circuits. <i>IEEE Transactions on Magnetics</i> , 1985 , 21, 725-728	2	2
8	Flexible Pyroresistive Graphene Composites for Artificial Thermosensation Differentiating Materials and Solvent Types.. <i>ACS Nano</i> , 2022 ,	16.7	2
7	Anisotropic silver nanowire dielectric composites for self-healable triboelectric sensors with multi-directional tactile sensitivity. <i>Nano Energy</i> , 2022 , 92, 106704	17.1	2
6	Catalytic effects of zirconium on scratch-healing and mechanical properties of urethane- β crlyate automotive clearcoat. <i>Progress in Organic Coatings</i> , 2020 , 148, 105813	4.8	1

5	Bioinspired Polydopamine and Composites for Biomedical Applications 2018 , 1-29	1
4	Surface treatment of MWCNT array and its polymer composites for TIM application 2008 ,	1
3	Nanostructured Conductors for Flexible Electronics 395-412	1
2	Flexible Health-Monitoring Devices/Sensors 2018 , 287-321	
1	Stretchable Electroluminescent Devices: Highly Stretchable, Conductive Polymer Electrodes with a Mixed AgPdCu and PTFE Network Interlayer for Stretchable Electronics (Adv. Mater. Interfaces 3/2021). <i>Advanced Materials Interfaces</i> , 2021 , 8, 2170015	4.6