

Hyunhyub Ko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8191908/publications.pdf>

Version: 2024-02-01

131
papers

13,426
citations

24978

57
h-index

21474

114
g-index

138
all docs

138
docs citations

138
times ranked

16592
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanowire active-matrix circuitry for low-voltage macroscale artificial skin. <i>Nature Materials</i> , 2010, 9, 821-826.	13.3	1,162
2	Nanostructured Surfaces and Assemblies as SERS Media. <i>Small</i> , 2008, 4, 1576-1599.	5.2	726
3	Giant Tunneling Piezoresistance of Composite Elastomers with Interlocked Microdome Arrays for Ultrasensitive and Multimodal Electronic Skins. <i>ACS Nano</i> , 2014, 8, 4689-4697.	7.3	726
4	Fingertip skinâ€‘inspired microstructured ferroelectric skins discriminate static/dynamic pressure and temperature stimuli. <i>Science Advances</i> , 2015, 1, e1500661.	4.7	704
5	Tactile-Direction-Sensitive and Stretchable Electronic Skins Based on Human-Skin-Inspired Interlocked Microstructures. <i>ACS Nano</i> , 2014, 8, 12020-12029.	7.3	516
6	Optically- and Thermally-Responsive Programmable Materials Based on Carbon Nanotube-Hydrogel Polymer Composites. <i>Nano Letters</i> , 2011, 11, 3239-3244.	4.5	476
7	Ultrathin compound semiconductor on insulator layers for high-performance nanoscale transistors. <i>Nature</i> , 2010, 468, 286-289.	13.7	373
8	Flexible Ferroelectric Sensors with Ultrahigh Pressure Sensitivity and Linear Response over Exceptionally Broad Pressure Range. <i>ACS Nano</i> , 2018, 12, 4045-4054.	7.3	360
9	Bioinspired Interlocked and Hierarchical Design of ZnO Nanowire Arrays for Static and Dynamic Pressureâ€‘Sensitive Electronic Skins. <i>Advanced Functional Materials</i> , 2015, 25, 2841-2849.	7.8	315
10	Large-Area Cross-Aligned Silver Nanowire Electrodes for Flexible, Transparent, and Force-Sensitive Mechanochromic Touch Screens. <i>ACS Nano</i> , 2017, 11, 4346-4357.	7.3	287
11	Wearable and flexible sensors for user-interactive health-monitoring devices. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4043-4064.	2.9	255
12	Mimicking Human and Biological Skins for Multifunctional Skin Electronics. <i>Advanced Functional Materials</i> , 2020, 30, 1904523.	7.8	247
13	Triboelectric Generators and Sensors for Self-Powered Wearable Electronics. <i>ACS Nano</i> , 2015, 9, 3421-3427.	7.3	239
14	Metal-catalyzed crystallization of amorphous carbon to graphene. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	234
15	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.	7.3	218
16	Capillary Printing of Highly Aligned Silver Nanowire Transparent Electrodes for High-Performance Optoelectronic Devices. <i>Nano Letters</i> , 2015, 15, 7933-7942.	4.5	196
17	Porous Substrates for Label-Free Molecular Level Detection of Nonresonant Organic Molecules. <i>ACS Nano</i> , 2009, 3, 181-188.	7.3	190
18	Nanoparticleâ€‘Decorated Nanocanals for Surfaceâ€‘Enhanced Raman Scattering. <i>Small</i> , 2008, 4, 1980-1984.	5.2	167

#	ARTICLE	IF	CITATIONS
19	Octopus-Inspired Smart Adhesive Pads for Transfer Printing of Semiconducting Nanomembranes. <i>Advanced Materials</i> , 2016, 28, 7457-7465.	11.1	163
20	Liquid-Crystalline Processing of Highly Oriented Carbon Nanotube Arrays for Thin-Film Transistors. <i>Nano Letters</i> , 2006, 6, 1443-1448.	4.5	157
21	Transparent and conductive nanomembranes with orthogonal silver nanowire arrays for skin-attachable loudspeakers and microphones. <i>Science Advances</i> , 2018, 4, eaas8772.	4.7	155
22	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.	5.2	153
23	Smart Actuators and Adhesives for Reconfigurable Matter. <i>Accounts of Chemical Research</i> , 2017, 50, 691-702.	7.6	151
24	Tailoring force sensitivity and selectivity by microstructure engineering of multidirectional electronic skins. <i>NPG Asia Materials</i> , 2018, 10, 163-176.	3.8	151
25	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.	15.6	148
26	An ice-templated, pH-tunable self-assembly route to hierarchically porous graphene nanoscroll networks. <i>Nanoscale</i> , 2014, 6, 9734-9741.	2.8	136
27	Tailoring surface plasmons of high-density gold nanostar assemblies on metal films for surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2014, 6, 616-623.	2.8	131
28	Bimetallic Nanocobs: Decorating Silver Nanowires with Gold Nanoparticles. <i>Advanced Materials</i> , 2008, 20, 1544-1549.	11.1	125
29	Carambola-shaped VO ₂ nanostructures: a binder-free air electrode for an aqueous Na ⁺ air battery. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2037-2044.	5.2	120
30	Stretchable and wearable colorimetric patches based on thermoresponsive plasmonic microgels embedded in a hydrogel film. <i>NPG Asia Materials</i> , 2018, 10, 912-922.	3.8	120
31	Micro/nanostructured surfaces for self-powered and multifunctional electronic skins. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2999-3018.	2.9	116
32	Nanotube Surface Arrays: Weaving, Bending, and Assembling on Patterned Silicon. <i>Physical Review Letters</i> , 2004, 92, 065502.	2.9	113
33	A Hierarchical Nanoparticle-Inspired Micropore Architecture for Enhanced Mechanosensitivity and Stretchability in Mechanochromic Electronic Skins. <i>Advanced Materials</i> , 2019, 31, e1808148.	11.1	113
34	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.	4.0	111
35	Bioinspired Gradient Conductivity and Stiffness for Ultrasensitive Electronic Skins. <i>ACS Nano</i> , 2021, 15, 1795-1804.	7.3	104
36	Biodegradable, electro-active chitin nanofiber films for flexible piezoelectric transducers. <i>Nano Energy</i> , 2018, 48, 275-283.	8.2	101

#	ARTICLE	IF	CITATIONS
37	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.	5.2	100
38	Hierarchical urchin-shaped $\text{I}^{\pm}\text{-MnO}_2$ on graphene-coated carbon microfibers: a binder-free electrode for rechargeable aqueous Na^{\oplus} -air battery. <i>NPG Asia Materials</i> , 2016, 8, e294-e294.	3.8	87
39	A superior dye adsorbent towards the hydrogen evolution reaction combining active sites and phase-engineering of $(1\text{T}/2\text{H}) \text{MoS}_2/\text{I}^{\pm}\text{-MoO}_3$ hybrid heterostructured nanoflowers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15320-15329.	5.2	86
40	Redox-Additive-Enhanced High Capacitance Supercapacitors Based on $\text{Co}_2\text{P}_2\text{O}_7$ Nanosheets. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700059.	1.9	85
41	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.	1.2	81
42	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.	5.2	80
43	Ferroelectric Multilayer Nanocomposites with Polarization and Stress Concentration Structures for Enhanced Triboelectric Performances. <i>ACS Nano</i> , 2020, 14, 7101-7110.	7.3	79
44	High-Performance Triboelectric Devices via Dielectric Polarization: A Review. <i>Nanoscale Research Letters</i> , 2021, 16, 35.	3.1	79
45	Directed Self-Assembly of Gradient Concentric Carbon Nanotube Rings. <i>Advanced Functional Materials</i> , 2008, 18, 2114-2122.	7.8	77
46	Exploration of cobalt phosphate as a potential catalyst for rechargeable aqueous sodium-air battery. <i>Journal of Power Sources</i> , 2016, 311, 29-34.	4.0	74
47	Soft and ion-conducting hydrogel artificial tongue for astringency perception. <i>Science Advances</i> , 2020, 6, eaba5785.	4.7	74
48	Nanoparticle-Enhanced Silver-Nanowire Plasmonic Electrodes for High-Performance Organic Optoelectronic Devices. <i>Advanced Materials</i> , 2018, 30, e1800659.	11.1	67
49	Nanoporous Membranes with Mixed Nanoclusters for Raman-Based Label-Free Monitoring of Peroxide Compounds. <i>Analytical Chemistry</i> , 2009, 81, 5740-5748.	3.2	66
50	Broadband omnidirectional light detection in flexible and hierarchical ZnO/Si heterojunction photodiodes. <i>Nano Research</i> , 2017, 10, 22-36.	5.8	66
51	MXene-enhanced I^2 -phase crystallization in ferroelectric porous composites for highly-sensitive dynamic force sensors. <i>Nano Energy</i> , 2021, 89, 106409.	8.2	66
52	Bioenabled Surface-Mediated Growth of Titania Nanoparticles. <i>Advanced Materials</i> , 2008, 20, 3274-3279.	11.1	64
53	High-Performance MoS_2/CuO Nanosheet-on-One-Dimensional Heterojunction Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33955-33962.	4.0	64
54	Near-Field Electrospinning for Three-Dimensional Stacked Nanoarchitectures with High Aspect Ratios. <i>Nano Letters</i> , 2020, 20, 441-448.	4.5	64

#	ARTICLE	IF	CITATIONS
55	Spatiotemporal Measurement of Arterial Pulse Waves Enabled by Wearable Active-Matrix Pressure Sensor Arrays. <i>ACS Nano</i> , 2022, 16, 368-377.	7.3	63
56	Encapsulating Nanoparticle Arrays into Layer-by-layer Multilayers by Capillary Transfer Lithography. <i>Chemistry of Materials</i> , 2005, 17, 5489-5497.	3.2	62
57	Strain-Sensitive Raman Modes of Carbon Nanotubes in Deflecting Freely Suspended Nanomembranes. <i>Advanced Materials</i> , 2005, 17, 2127-2131.	11.1	61
58	Piezoresistive Tactile Sensor Discriminating Multidirectional Forces. <i>Sensors</i> , 2015, 15, 25463-25473.	2.1	61
59	Hybrid Core-Shell Nanowire Forests as Self-Selective Chemical Connectors. <i>Nano Letters</i> , 2009, 9, 2054-2058.	4.5	59
60	Self-Healable Reprocessable Triboelectric Nanogenerators Fabricated with Vitrimeric Poly(hindered) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.3	57
61	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.	8.2	57
62	Particle-â€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, 634-642.	4.0	56
63	A Fully Biodegradable Ferroelectric Skin Sensor from Edible Porcine Skin Gelatine. <i>Advanced Science</i> , 2021, 8, 2005010.	5.6	56
64	Three-dimensional SnS ₂ nanopetals for hybrid sodium-air batteries. <i>Electrochimica Acta</i> , 2017, 257, 328-334.	2.6	53
65	Stimuli-responsive micro/nanoporous hairy skin for adaptive thermal insulation and infrared camouflage. <i>Materials Horizons</i> , 2020, 7, 3258-3265.	6.4	53
66	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.	5.2	52
67	Large-Area, Solution-Processed, Hierarchical MAPbI ₃ Nanoribbon Arrays for Self-Powered Flexible Photodetectors. <i>Advanced Optical Materials</i> , 2018, 6, 1800615.	3.6	51
68	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.	3.2	51
69	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.	4.0	49
70	Frequency-selective acoustic and haptic smart skin for dual-mode dynamic/static human-machine interface. <i>Science Advances</i> , 2022, 8, eabj9220.	4.7	49
71	Molecular structure engineering of dielectric fluorinated polymers for enhanced performances of triboelectric nanogenerators. <i>Nano Energy</i> , 2018, 53, 37-45.	8.2	47
72	Transfer Printing of Electronic Functions on Arbitrary Complex Surfaces. <i>ACS Nano</i> , 2020, 14, 12-20.	7.3	47

#	ARTICLE	IF	CITATIONS
73	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, 26421-26429.	4.0	45
74	Carbon Nanotube Arrays Encapsulated into Freely Suspended Flexible Films. <i>Chemistry of Materials</i> , 2005, 17, 2490-2493.	3.2	44
75	Flexible Carbon Nanofiber Connectors with Anisotropic Adhesion Properties. <i>Small</i> , 2010, 6, 22-26.	5.2	44
76	Self-powered triboelectric/pyroelectric multimodal sensors with enhanced performances and decoupled multiple stimuli. <i>Nano Energy</i> , 2020, 72, 104671.	8.2	44
77	Ultrasensitive Multimodal Tactile Sensors with Skin-Inspired Microstructures through Localized Ferroelectric Polarization. <i>Advanced Science</i> , 2022, 9, e2105423.	5.6	43
78	Nanoscale Semiconductor "on Substrate" Processes, Devices, and Applications. <i>Advanced Materials</i> , 2011, 23, 3115-3127.	11.1	42
79	Boosting the Performance of Organic Optoelectronic Devices Using Multiple-Patterned Plasmonic Nanostructures. <i>Advanced Materials</i> , 2016, 28, 4976-4982.	11.1	40
80	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.	5.2	40
81	High-resolution Raman microscopy of curled carbon nanotubes. <i>Applied Physics Letters</i> , 2004, 85, 2598-2600.	1.5	39
82	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.	2.7	39
83	Water-adaptive and repeatable self-healing polymers bearing bulky urea bonds. <i>Polymer Chemistry</i> , 2018, 9, 11-19.	1.9	39
84	Multifunctional, flexible electronic systems based on engineered nanostructured materials. <i>Nanotechnology</i> , 2012, 23, 344001.	1.3	38
85	Tailored Poly(vinylidene fluoride-co-trifluoroethylene) Crystal Orientation for a Triboelectric Nanogenerator through Epitaxial Growth on a Chitin Nanofiber Film. <i>Nano Letters</i> , 2020, 20, 6651-6659.	4.5	38
86	High-Resolution Filtration Patterning of Silver Nanowire Electrodes for Flexible and Transparent Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32154-32162.	4.0	35
87	Polyvinylidene fluoride (PVDF)/cellulose nanocrystal (CNC) nanocomposite fiber and triboelectric textile sensors. <i>Composites Part B: Engineering</i> , 2021, 223, 109098.	5.9	34
88	Freestanding 2D Arrays of Silver Nanorods. <i>Advanced Materials</i> , 2006, 18, 2895-2899.	11.1	32
89	InGaAs Nanomembrane/Si van der Waals Heterojunction Photodiodes with Broadband and High Photoresponsivity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26105-26111.	4.0	32
90	Wet and Dry Adhesion Properties of Self-Selective Nanowire Connectors. <i>Advanced Functional Materials</i> , 2009, 19, 3098-3102.	7.8	31

#	ARTICLE	IF	CITATIONS
91	Raman Markers from Silver Nanowire Crossbars. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4387-4394.	1.5	31
92	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.	6.6	31
93	Ferroelectricity-Coupled 2D-MXene-Based Hierarchically Designed High-Performance Stretchable Triboelectric Nanogenerator. <i>ACS Nano</i> , 2022, 16, 11415-11427.	7.3	31
94	Hierarchical polymer micropillar arrays decorated with ZnO nanowires. <i>Nanotechnology</i> , 2010, 21, 295305.	1.3	30
95	A Triple-Mode Flexible E-Skin Sensor Interface for Multi-Purpose Wearable Applications. <i>Sensors</i> , 2018, 18, 78.	2.1	30
96	Thermoresponsive Chemical Connectors Based on Hybrid Nanowire Forests. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 616-619.	7.2	29
97	Ultrasensitive Piezoresistive Pressure Sensors Based on Interlocked Micropillar Arrays. <i>BioNanoScience</i> , 2014, 4, 349-355.	1.5	29
98	Hybrid core-multishell nanowire forests for electrical connector applications. <i>Applied Physics Letters</i> , 2009, 94, 263110.	1.5	28
99	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.	4.0	26
100	Vacuum-Induced Wrinkle Arrays of InGaAs Semiconductor Nanomembranes on Polydimethylsiloxane Microwell Arrays. <i>ACS Nano</i> , 2014, 8, 3080-3087.	7.3	25
101	Solution-Processable, High-Performance Flexible Electroluminescent Devices Based on High-κ Nanodielectrics. <i>Advanced Functional Materials</i> , 2019, 29, 1904377.	7.8	24
102	A high-speed analog-to-digital converter using Josephson self-gating-AND comparators. <i>IEEE Transactions on Magnetics</i> , 1985, 21, 200-203.	1.2	23
103	Highly Stretchable Sound-Display Electronics Based on Strain-Sensitive Metallic Nanonetworks. <i>Advanced Science</i> , 2021, 8, 2001647.	5.6	23
104	Flexible high-performance graphene hybrid photodetectors functionalized with gold nanostars and perovskites. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	21
105	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.	2.7	19
106	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.	4.0	18
107	Highly Transparent, Flexible, and Self-Healable Thermoacoustic Loudspeakers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53184-53192.	4.0	17
108	Anisotropic silver nanowire dielectric composites for self-healable triboelectric sensors with multi-directional tactile sensitivity. <i>Nano Energy</i> , 2022, 92, 106704.	8.2	16

#	ARTICLE	IF	CITATIONS
109	Interdigitated Three-Dimensional Heterogeneous Nanocomposites for High-Performance Mechanochromic Smart Membranes. <i>ACS Nano</i> , 2022, 16, 68-77.	7.3	15
110	A Flexible High-Performance Photoimaging Device Based on Bioinspired Hierarchical Multiple-Patterned Plasmonic Nanostructures. <i>Small</i> , 2018, 14, e1703890.	5.2	13
111	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.	1.6	13
112	Enhanced thermomechanical property of a self-healing polymer <i>via</i> self-assembly of a reversibly cross-linkable block copolymer. <i>Polymer Chemistry</i> , 2020, 11, 3701-3708.	1.9	13
113	Gate-Controlled Spin-Orbit Interaction in InAs High-Electron Mobility Transistor Layers Epitaxially Transferred onto Si Substrates. <i>ACS Nano</i> , 2013, 7, 9106-9114.	7.3	12
114	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.	1.2	11
115	Engineering crystal phase of Nylon-11 films for ferroelectric device and piezoelectric sensor. <i>Nano Energy</i> , 2021, 88, 106244.	8.2	11
116	Flexible Pyroresistive Graphene Composites for Artificial Thermosensation Differentiating Materials and Solvent Types. <i>ACS Nano</i> , 2022, 16, 1208-1219.	7.3	11
117	Gate-Tunable and Programmable n-InGaAs/Black Phosphorus Heterojunction Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23382-23391.	4.0	10
118	Dynamic and Reprocessable Fluorinated Poly(hindered urea) Network Materials Containing Ionic Liquids to Enhance Triboelectric Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 17806-17817.	4.0	10
119	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.	5.2	9
120	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.	3.1	9
121	Highly Stretchable, Conductive Polymer Electrodes with a Mixed AgPdCu and PTFE Network Interlayer for Stretchable Electronics. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001500.	1.9	6
122	Self-healable triboelectric nanogenerators based on ionic poly(hindered urea) network materials cross-linked with fluorinated block copolymers. <i>Polymer Chemistry</i> , 2022, 13, 4343-4351.	1.9	6
123	Spontaneous capillary breakup of suspended gradient polymer stripes into spatially ordered dot arrays. <i>Applied Surface Science</i> , 2019, 475, 1003-1009.	3.1	5
124	Electronic Skin: Bioinspired Interlocked and Hierarchical Design of ZnO Nanowire Arrays for Static and Dynamic Pressure-Sensitive Electronic Skins (<i>Adv. Funct. Mater.</i> 19/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2840-2840.	7.8	4
125	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.	1.1	3
126	Miniaturization of Josephson logic circuits. <i>IEEE Transactions on Magnetics</i> , 1985, 21, 725-728.	1.2	2

#	ARTICLE	IF	CITATIONS
127	Surface treatment of MWCNT array and its polymer composites for TIM application. , 2008, , .		1
128	Catalytic effects of zirconium on scratch-healing and mechanical properties of urethaneâ€“acrylate automotive clearcoat. Progress in Organic Coatings, 2020, 148, 105813.	1.9	1
129	Inside Front Cover: Directed Selfâ€“Assembly of Gradient Concentric Carbon Nanotube Rings (Adv. Funct.) Tj ETQq1_10.784314 rgBT 0	7.8	0
130	Lithography-Free Route to Hierarchical Structuring of High-Î¶ Block Copolymers on a Gradient Patterned Surface. Materials, 2020, 13, 304.	1.3	0
131	Stretchable Electroluminescent Devices: Highly Stretchable, Conductive Polymer Electrodes with a Mixed AgPdCu and PTFE Network Interlayer for Stretchable Electronics (Adv. Mater. Interfaces 3/2021). Advanced Materials Interfaces, 2021, 8, 2170015.	1.9	0