

Seon Jeong Kim

List of Publications by Year in descending order

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277
papers

14,479
citations

26630

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280
all docs

280
docs citations

280
times ranked

15444
citing authors

#	ARTICLE	IF	CITATIONS
1	More Powerful Twistron Carbon Nanotube Yarn Mechanical Energy Harvesters. <i>Advanced Materials</i> , 2022, 34, e2201826.	21.0	20
2	Mode shifting shape memory polymer and hydrogel composite fiber actuators for soft robots. <i>Sensors and Actuators A: Physical</i> , 2022, 342, 113619.	4.1	5
3	Self-Powered Carbon Nanotube Yarn for Acceleration Sensor Application. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 2676-2683.	7.9	10
4	Self-Powered Inertial Sensor Based on Carbon Nanotube Yarn. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 8904-8910.	7.9	11
5	Unipolar stroke, electroosmotic pump carbon nanotube yarn muscles. <i>Science</i> , 2021, 371, 494-498.	12.6	110
6	Poly(N-isopropylacrylamide) Hydrogel for Diving/Surfacing Device. <i>Micromachines</i> , 2021, 12, 210.	2.9	6
7	Implantable Biosupercapacitor Inspired by the Cellular Redox System. <i>Angewandte Chemie</i> , 2021, 133, 10657-10661.	2.0	2
8	Implantable Biosupercapacitor Inspired by the Cellular Redox System. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10563-10567.	13.8	27
9	Biomimetic cell-actuated artificial muscle with nanofibrous bundles. <i>Microsystems and Nanoengineering</i> , 2021, 7, 70.	7.0	12
10	Carbon Nanotube Yarn for Fiber-Shaped Electrical Sensors, Actuators, and Energy Storage for Smart Systems. <i>Advanced Materials</i> , 2020, 32, e1902670.	21.0	165
11	Bidirectional Core Sandwich Structure of Reduced Graphene Oxide and Spinnable Multiwalled Carbon Nanotubes for Electromagnetic Interference Shielding Effectiveness. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46883-46891.	8.0	11
12	Two-Ply Carbon Nanotube Fiber-Typed Enzymatic Biofuel Cell Implanted in Mice. <i>IEEE Transactions on Nanobioscience</i> , 2020, 19, 333-338.	3.3	11
13	Simple Artificial Neuron Using an Ovonic Threshold Switch Featuring Spike-Frequency Adaptation and Chaotic Activity. <i>Physical Review Applied</i> , 2020, 13, .	3.8	19
14	Event and Its Application in Algebraic Structures. <i>New Mathematics and Natural Computation</i> , 2020, 16, 105-121.	0.7	0
15	Carbon Nanotube Yarn: Carbon Nanotube Yarn for Fiber-Shaped Electrical Sensors, Actuators, and Energy Storage for Smart Systems (Adv. Mater. 5/2020). <i>Advanced Materials</i> , 2020, 32, 2070034.	21.0	4
16	Self-Helical Fiber for Glucose-Responsive Artificial Muscle. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20228-20233.	8.0	37
17	Quasi-solid-state highly stretchable circular knitted MnO ₂ @CNT supercapacitor. <i>RSC Advances</i> , 2020, 10, 14007-14012.	3.6	20
18	Wearable Energy Generating and Storing Textile Based on Carbon Nanotube Yarns. <i>Advanced Functional Materials</i> , 2020, 30, 2000411.	14.9	45

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19	Electrical energy harvesting from ferritin bisrolled carbon nanotube yarn. Biosensors and Bioelectronics, 2020, 164, 112318.	10.1	19
20	Electrodeposition of $\text{MnO}_2/\text{MnO}_2$ on Carbon Nanotube for Yarn Supercapacitor. Scientific Reports, 2019, 9, 11271.	3.3	55
21	Bio-Inspired Stretchable and Contractible Tough Fiber by the Hybridization of GO/MWNT/Polyurethane. ACS Applied Materials & Interfaces, 2019, 11, 31162-31168.	8.0	20
22	Self-Healing Electrode with High Electrical Conductivity and Mechanical Strength for Artificial Electronic Skin. ACS Applied Materials & Interfaces, 2019, 11, 46026-46033.	8.0	37
23	Self-healing graphene oxide-based composite for electromagnetic interference shielding. Carbon, 2019, 155, 499-505.	10.3	60
24	Self-Powered Coiled Carbon-Nanotube Yarn Sensor for Gastric Electronics. ACS Sensors, 2019, 4, 2893-2899.	7.8	37
25	Carbon nanotubes' elastomer actuator driven electrothermally by low-voltage. Nanoscale Advances, 2019, 1, 965-968.	4.6	26
26	Electrochemical graphene/carbon nanotube yarn artificial muscles. Sensors and Actuators B: Chemical, 2019, 286, 237-242.	7.8	50
27	Synthesis of conducting polymer-intercalated vanadate nanofiber composites using a sonochemical method for high performance pseudocapacitor applications. Journal of Power Sources, 2019, 414, 460-469.	7.8	36
28	Highly loaded MXene/carbon nanotube yarn electrodes for improved asymmetric supercapacitor performance. MRS Communications, 2019, 9, 114-121.	1.8	45
29	Orthogonal pattern of spinnable multiwall carbon nanotubes for electromagnetic interference shielding effectiveness. Carbon, 2019, 152, 33-39.	10.3	23
30	Biomimetic Thermal-sensitive Multi-transform Actuator. Scientific Reports, 2019, 9, 7905.	3.3	9
31	Neutrosophic Quadruple BCI-Positive Implicative Ideals. Mathematics, 2019, 7, 385.	2.2	3
32	Enhancing the Work Capacity of Electrochemical Artificial Muscles by Coiling Plies of Twist-Released Carbon Nanotube Yarns. ACS Applied Materials & Interfaces, 2019, 11, 13533-13537.	8.0	34
33	Single-Layer Graphene-Based Transparent and Flexible Multifunctional Electronics for Self-Charging Power and Touch-Sensing Systems. ACS Applied Materials & Interfaces, 2019, 11, 9301-9308.	8.0	44
34	Implicative \mathcal{I} -ideals of BCK-algebras based on neutrosophic \mathcal{I} -structures. Discrete Mathematics, Algorithms and Applications, 2019, 11, 1950011.	0.6	13
35	Enhancement of electromagnetic interference shielding effectiveness with alignment of spinnable multiwalled carbon nanotubes. Carbon, 2019, 142, 528-534.	10.3	22
36	Sheath-run artificial muscles. Science, 2019, 365, 150-155.	12.6	218

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37	Biomolecule based fiber supercapacitor for implantable device. Nano Energy, 2018, 47, 385-392.	16.0	103
38	High toughness of bio-inspired multistrand coiled carbon nanotube yarn. Carbon, 2018, 131, 60-65.	10.3	12
39	Weavable asymmetric carbon nanotube yarn supercapacitor for electronic textiles. RSC Advances, 2018, 8, 13112-13120.	3.6	43
40	The second largest number of points on plane curves over finite fields. Finite Fields and Their Applications, 2018, 49, 80-93.	1.0	2
41	Cochlear Implantation in a Patient With Sickle Cell Disease With Early Cochlear Sclerosis. Otology and Neurotology, 2018, 39, e87-e89.	1.3	2
42	Fabricating a Continuous Fiber Silver-Zinc Battery with Micro-Sized Diameter. ChemElectroChem, 2018, 5, 3361-3367.	3.4	7
43	Ag/MnO ₂ Composite Sheath-Core Structured Yarn Supercapacitors. Scientific Reports, 2018, 8, 13309.	3.3	34
44	Thermally Responsive Torsional and Tensile Fiber Actuator Based on Graphene Oxide. ACS Applied Materials & Interfaces, 2018, 10, 32760-32764.	8.0	35
45	Magnetic torsional actuation of carbon nanotube yarn artificial muscle. RSC Advances, 2018, 8, 17421-17425.	3.6	17
46	Harvesting electrical energy from torsional thermal actuation driven by natural convection. Scientific Reports, 2018, 8, 8712.	3.3	11
47	Distances between hyper structures and length fuzzy ideals of BCK/BCI-algebras based on hyper structures. Journal of Intelligent and Fuzzy Systems, 2018, 35, 2257-2268.	1.4	1
48	Biscrolled Carbon Nanotube Yarn Structured Silver-Zinc Battery. Scientific Reports, 2018, 8, 11150.	3.3	34
49	Cubic Interval-Valued Intuitionistic Fuzzy Sets and Their Application in BCK/BCI-Algebras. Axioms, 2018, 7, 7.	1.9	23
50	Interval Neutrosophic Sets with Applications in BCK/BCI-Algebra. Axioms, 2018, 7, 23.	1.9	20
51	Length-Fuzzy Subalgebras in BCK/BCI-Algebras. Mathematics, 2018, 6, 11.	2.2	5
52	N-Hyper Sets. Mathematics, 2018, 6, 87.	2.2	0
53	Reversible Redox Activity by Ion-pH Dually Modulated Duplex Formation of i-Motif DNA with Complementary G-DNA. Nanomaterials, 2018, 8, 226.	4.1	3
54	Stretchable Fiber Biofuel Cell by Rewrapping Multiwalled Carbon Nanotube Sheets. Nano Letters, 2018, 18, 5272-5278.	9.1	37

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55	MnO ₂ /PtNP Embedded Wet-Spun Fiber Supercapacitors. Advanced Materials Technologies, 2018, 3, 1800184.	5.8	5
56	A Case of "Calcified" Schwannoma. Otology and Neurotology, 2018, 39, e511-e512.	1.3	0
57	Microscopically Buckled and Macroscopically Coiled Fibers for Ultra-Stretchable Supercapacitors. Advanced Energy Materials, 2017, 7, 1602021.	19.5	106
58	Electrochemically Powered, Energy-Conserving Carbon Nanotube Artificial Muscles. Advanced Materials, 2017, 29, 1700870.	21.0	110
59	On a number of rational points on a plane curve of low degree. Discrete Mathematics, 2017, 340, 1327-1334.	0.7	0
60	Supercapacitors: Microscopically Buckled and Macroscopically Coiled Fibers for Ultra-Stretchable Supercapacitors (Adv. Energy Mater. 6/2017). Advanced Energy Materials, 2017, 7, .	19.5	1
61	Harvesting electrical energy from carbon nanotube yarn twist. Science, 2017, 357, 773-778.	12.6	306
62	Number of points of a nonsingular hypersurface in an odd-dimensional projective space. Finite Fields and Their Applications, 2017, 48, 395-419.	1.0	6
63	High-strength graphene and polyacrylonitrile composite fiber enhanced by surface coating with polydopamine. Composites Science and Technology, 2017, 149, 280-285.	7.8	29
64	A CONSTRUCTION OF TWO-WEIGHT CODES AND ITS APPLICATIONS. Bulletin of the Korean Mathematical Society, 2017, 54, 731-736.	0.3	0
65	Artificial Muscle: Carbon Nanotube Yarn-Based Glucose Sensing Artificial Muscle (Small 15/2016). Small, 2016, 12, 2100-2100.	10.0	1
66	Elastomeric and Dynamic MnO ₂ /CNT Core-Shell Structure Coiled Yarn Supercapacitor. Advanced Energy Materials, 2016, 6, 1502119.	19.5	192
67	Carbon Nanotube Yarn-Based Glucose Sensing Artificial Muscle. Small, 2016, 12, 2085-2091.	10.0	50
68	Stretchable Triboelectric Fiber for Self-powered Kinematic Sensing Textile. Scientific Reports, 2016, 6, 35153.	3.3	111
69	Improvement of system capacitance via weavable superelastic bistructured yarn supercapacitors. Nature Communications, 2016, 7, 13811.	12.8	146
70	Bio-inspired, Moisture-Powered Hybrid Carbon Nanotube Yarn Muscles. Scientific Reports, 2016, 6, 23016.	3.3	66
71	Supercapacitors: Elastomeric and Dynamic MnO ₂ /CNT Core-Shell Structure Coiled Yarn Supercapacitor (Adv. Energy Mater. 5/2016). Advanced Energy Materials, 2016, 6, .	19.5	1
72	Mediator-free carbon nanotube yarn biofuel cell. RSC Advances, 2016, 6, 48346-48350.	3.6	19

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73	Tensile actuators of carbon nanotube coiled yarn based on polydiacetylene-pluronic copolymers as temperature indicators. Smart Materials and Structures, 2016, 25, 075021.	3.5	3
74	Electrothermally Driven Carbon-Based Materials as EAPs: Fundamentals and Device Configurations. , 2016, , 455-470.		0
75	Twistable and Stretchable Sandwich Structured Fiber for Wearable Sensors and Supercapacitors. Nano Letters, 2016, 16, 7677-7684.	9.1	202
76	Bio-inspired Hybrid Carbon Nanotube Muscles. Scientific Reports, 2016, 6, 26687.	3.3	31
77	Ultraviolet-induced irreversible tensile actuation of diacetylene/nylon microfibers. Smart Materials and Structures, 2016, 25, 075031.	3.5	1
78	Woven Yarn Thermoelectric Textiles. Advanced Materials, 2016, 28, 5038-5044.	21.0	195
79	Temperature-Responsive Tensile Actuator Based on Multi-walled Carbon Nanotube Yarn. Nano-Micro Letters, 2016, 8, 254-259.	27.0	16
80	The characterization of Hermitian surfaces by the number of points. Journal of Geometry, 2016, 107, 509-521.	0.4	14
81	Biothermal sensing of a torsional artificial muscle. Nanoscale, 2016, 8, 3248-3253.	5.6	46
82	Triboelectric generator for wearable devices fabricated using a casting method. RSC Advances, 2016, 6, 10094-10098.	3.6	25
83	Highly stretchable hybrid nanomembrane supercapacitors. RSC Advances, 2016, 6, 24756-24759.	3.6	24
84	Shape-engineerable composite fibers and their supercapacitor application. Nanoscale, 2016, 8, 1910-1914.	5.6	9
85	PLANE CURVES MEETING AT A POINT WITH HIGH INTERSECTION MULTIPLICITY. The Pure and Applied Mathematics, 2016, 23, 309-317.	0.0	0
86	Weierstrass semigroups on double covers of plane curves of degree 5. Kodai Mathematical Journal, 2015, 38, .	0.3	1
87	Alternative Nanostructures for Thermophones. ACS Nano, 2015, 9, 4743-4756.	14.6	48
88	Torsional behaviors of polymer-infiltrated carbon nanotube yarn muscles studied with atomic force microscopy. Nanoscale, 2015, 7, 2489-2496.	5.6	21
89	Flexible, stretchable and weavable piezoelectric fiber. Advanced Engineering Materials, 2015, 17, 1270-1275.	3.5	84
90	Delaminated Tears of the Rotator Cuff: Prevalence, Characteristics, and Diagnostic Accuracy Using Indirect MR Arthrography. American Journal of Roentgenology, 2015, 204, 360-366.	2.2	46

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91	Three-dimensionally bonded spongy graphene material with super compressive elasticity and near-zero Poisson's ratio. Nature Communications, 2015, 6, 6141.	12.8	458
92	Numbers of points of surfaces in the projective 3-space over finite fields. Finite Fields and Their Applications, 2015, 35, 52-60.	1.0	5
93	Stability of carbon nanotube yarn biofuel cell in human body fluid. Journal of Power Sources, 2015, 286, 103-108.	7.8	21
94	High performance electrochemical and electrothermal artificial muscles from twist-spun carbon nanotube yarn. Nano Convergence, 2015, 2, .	12.1	10
95	Stretchable, Weavable Coiled Carbon Nanotube/MnO ₂ /Polymer Fiber Solid-State Supercapacitors. Scientific Reports, 2015, 5, 9387.	3.3	220
96	Harvesting temperature fluctuations as electrical energy using torsional and tensile polymer muscles. Energy and Environmental Science, 2015, 8, 3336-3344.	30.8	57
97	On the minimum number of points covered by a set of lines in $PG(2, q)$. Designs, Codes, and Cryptography, 2015, 74, 59-74.	1.6	0
98	Flexible Two-ply Piezoelectric Yarn Energy Harvester. Current Nanoscience, 2015, 11, 539-544.	1.2	12
99	Large Intraluminal Ileal Hematoma Presenting as Small Bowel Obstruction in a Child. Iranian Journal of Radiology, 2015, 12, e8212.	0.2	3
100	Electrically Contractile Polymers Augment Right Ventricular Output in the Heart. Artificial Organs, 2014, 38, 1034-1039.	1.9	15
101	Variability of Residual Currents and Waves in Haeundae Using Long-term Observed AWAC Data. Journal of Coastal Research, 2014, 72, 166-172.	0.3	6
102	Artificial Muscles from Fishing Line and Sewing Thread. Science, 2014, 343, 868-872.	12.6	1,006
103	Flexible Supercapacitor Made of Carbon Nanotube Yarn with Internal Pores. Advanced Materials, 2014, 26, 2059-2065.	21.0	345
104	Hybrid carbon nanotube yarn artificial muscle inspired by spider dragline silk. Nature Communications, 2014, 5, 3322.	12.8	120
105	All-Solid-State Carbon Nanotube Torsional and Tensile Artificial Muscles. Nano Letters, 2014, 14, 2664-2669.	9.1	101
106	Effects of San-Huang-Xie-Xin-tang, a traditional Chinese prescription for clearing away heat and toxin, on the pacemaker activities of interstitial cells of Cajal from the murine small intestine. Journal of Ethnopharmacology, 2014, 155, 744-752.	4.1	13
107	High-power biofuel cell textiles from woven bistructured carbon nanotube yarns. Nature Communications, 2014, 5, 3928.	12.8	147
108	Weierstrass semigroups on double covers of genus 4 curves. Journal of Algebra, 2014, 405, 142-167.	0.7	3

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109	Poncirus trifoliolate fruit modulates pacemaker activity in interstitial cells of Cajal from the murine small intestine. <i>Journal of Ethnopharmacology</i> , 2013, 149, 668-675.	4.1	30
110	An elementary bound for the number of points of a hypersurface over a finite field. <i>Finite Fields and Their Applications</i> , 2013, 20, 76-83.	1.0	17
111	Three families of multiple blocking sets in Desarguesian projective planes of even order. <i>Designs, Codes, and Cryptography</i> , 2013, 68, 49-59.	1.6	0
112	Comparison of localized retinal nerve fiber layer defects in highly myopic, myopic, and non-myopic patients with normal-tension glaucoma: a retrospective cross-sectional study. <i>BMC Ophthalmology</i> , 2013, 13, 67.	1.4	21
113	Conductive functional bistructured polymer and carbon nanotube yarns. <i>RSC Advances</i> , 2013, 3, 24028.	3.6	10
114	Positive feedback control between STIM1 and NFATc3 is required for C2C12 myoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 722-728.	2.1	24
115	Ultrafast charge and discharge bistructured yarn supercapacitors for textiles and microdevices. <i>Nature Communications</i> , 2013, 4, 1970.	12.8	475
116	Nonsingular plane filling curves of minimum degree over a finite field and their automorphism groups: Supplements to a work of Tallini. <i>Linear Algebra and Its Applications</i> , 2013, 438, 969-985.	0.9	10
117	Free-standing nanocomposites with high conductivity and extensibility. <i>Nanotechnology</i> , 2013, 24, 165401.	2.6	21
118	Desmoplastic Fibroma of Bone in a Toe: Radiographic and MRI Findings. <i>Korean Journal of Radiology</i> , 2013, 14, 963.	3.4	4
119	Spinal Meningeal Melanocytoma with Benign Histology Showing Leptomeningeal Spread: Case Report. <i>Korean Journal of Radiology</i> , 2013, 14, 470.	3.4	14
120	The role of transient receptor potential channel blockers in human gastric cancer cell viability. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 175-186.	1.4	43
121	Electrically, Chemically, and Photonically Powered Torsional and Tensile Actuation of Hybrid Carbon Nanotube Yarn Muscles. <i>Science</i> , 2012, 338, 928-932.	12.6	585
122	Hybrid Nanomembranes for High Power and High Energy Density Supercapacitors and Their Yarn Application. <i>ACS Nano</i> , 2012, 6, 327-334.	14.6	83
123	Synergistic toughening of composite fibres by self-alignment of reduced graphene oxide and carbon nanotubes. <i>Nature Communications</i> , 2012, 3, 650.	12.8	354
124	The uniqueness of a plane curve of degree q attaining Sziklai's bound over \mathbb{F}_q . $\text{xmlns:mml}="http://www.w3.org/1998/Math/MathML" \text{ altimg}="si1.gif" \text{ overflow}="scroll"><mml:msub><mml:mrow><mml:mi \text{ mathvariant}="double-struck">F</mml:mi></mml:mrow><mml:mrow><mml:mi>q</mml:mi></mml:mrow></mml:msub></mml:math>.$ <i>Finite Fields and Their Applications</i> , 2012, 18, 567-580.	1.0	3
125	DNA-coated MWNT microfibers for electrochemical actuator. <i>Sensors and Actuators B: Chemical</i> , 2012, 162, 173-177.	7.8	12
126	Icilin induces G1 arrest through activating JNK and p38 kinase in a TRPM8-independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 30-35.	2.1	14

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127	Torsional Carbon Nanotube Artificial Muscles. Science, 2011, 334, 494-497.	12.6	495
128	Clinical characteristics of <i>TIMP2</i> , <i>MMP2</i> , and <i>MMP9</i> gene polymorphisms in colorectal cancer. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 391-397.	2.8	81
129	Involvement of Calmodulin Kinase II in the Action of Sulphur Mustard on the Contraction of Vascular Smooth Muscle. Basic and Clinical Pharmacology and Toxicology, 2011, 108, 28-33.	2.5	4
130	Transient Receptor Potential Melastatin 7 Channels are Involved in Ginsenoside Rg3-Induced Apoptosis in Gastric Cancer Cells. Basic and Clinical Pharmacology and Toxicology, 2011, 109, 233-239.	2.5	59
131	Electrocatalytic characteristics of electrodes based on ferritin/carbon nanotube composites for biofuel cells. Sensors and Actuators B: Chemical, 2011, 160, 384-388.	7.8	10
132	Effects of Transient Receptor Potential Channel Blockers on Pacemaker Activity in Interstitial Cells of Cajal from Mouse Small Intestine. Molecules and Cells, 2011, 32, 153-160.	2.6	21
133	Toward determination of optimal plane curves with a fixed degree over a finite field. Finite Fields and Their Applications, 2011, 17, 240-253.	1.0	7
134	Molecular determinants of PKA-dependent inhibition of TRPC5 channel. American Journal of Physiology - Cell Physiology, 2011, 301, C823-C832.	4.6	26
135	Effects of Imatinib Mesylate in Interstitial Cells of Cajal from Murine Small Intestine. Biological and Pharmaceutical Bulletin, 2010, 33, 993-997.	1.4	14
136	Székely's conjecture on the number of points of a plane curve over a finite field III. Finite Fields and Their Applications, 2010, 16, 315-319.	1.0	24
137	Elastomeric Conductive Composites Based on Carbon Nanotube Forests. Advanced Materials, 2010, 22, 2663-2667.	21.0	367
138	Characterization of ferritin core on redox reactions as a nanocomposite for electron transfer. Electrochimica Acta, 2010, 55, 3486-3490.	5.2	4
139	Enhanced actuation of PPy/CNT hybrid fibers using porous structured DNA hydrogel. Sensors and Actuators B: Chemical, 2010, 145, 89-92.	7.8	28
140	Effect of C60 Fullerene on the Duplex Formation of i-Motif DNA with Complementary DNA in Solution. Journal of Physical Chemistry B, 2010, 114, 4783-4788.	2.6	23
141	Nanocomposite Hydrogel with High Toughness for Bioactuators. Advanced Materials, 2009, 21, 1712-1715.	21.0	197
142	Fullerene Attachment Enhances Performance of a DNA Nanomachine. Advanced Materials, 2009, 21, 1907-1910.	21.0	48
143	Artificial Muscles: Nanocomposite Hydrogel with High Toughness for Bioactuators (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	21.0	0
144	DNA Hybrid Nanomachines: Fullerene Attachment Enhances Performance of a DNA Nanomachine (Adv.) Tj ETQq0 0.0 rgBT /Overlock 10	21.0	0

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145	The Peculiar Response of DNA Hydrogel Fibers to a Salt and pH Stimulus. <i>Macromolecular Rapid Communications</i> , 2009, 30, 430-434.	3.9	6
146	Macromol. Rapid Commun. 6/2009. <i>Macromolecular Rapid Communications</i> , 2009, 30, NA-NA.	3.9	0
147	Giant somatosensory evoked potential in a patient with shaking TIA. <i>Movement Disorders</i> , 2009, 24, 2301-2303.	3.9	5
148	Tough Supersoft Sponge Fibers with Tunable Stiffness from a DNA Self-Assembly Technique. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5116-5120.	13.8	37
149	Functional Characteristics of TRPC4 Channels Expressed in HEK 293 Cells. <i>Molecules and Cells</i> , 2009, 27, 167-173.	2.6	10
150	A nanofibrous hydrogel templated electrochemical actuator: From single mat to a rolled-up structure. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 438-443.	7.8	44
151	A conducting polymer/ferritin anode for biofuel cell applications. <i>Electrochimica Acta</i> , 2009, 54, 3979-3983.	5.2	33
152	The Weierstrass semigroups on the quotient curve of a plane curve of degree ≥ 7 by an involution. <i>Journal of Algebra</i> , 2009, 322, 137-152.	0.7	2
153	Around Sziklai's conjecture on the number of points of a plane curve over a finite field. <i>Finite Fields and Their Applications</i> , 2009, 15, 468-474.	1.0	20
154	pH-Dependent Structures of an i-Motif DNA in Solution. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1852-1856.	2.6	64
155	A Linear Actuation of Polymeric Nanofibrous Bundle for Artificial Muscles. <i>Chemistry of Materials</i> , 2009, 21, 511-515.	6.7	79
156	The fabrication of polyaniline/single-walled carbon nanotube fibers containing a highly-oriented filler. <i>Nanotechnology</i> , 2009, 20, 085701.	2.6	19
157	Hydrogel-Assisted Polyaniline Microfiber as Controllable Electrochemical Actuatable Supercapacitor. <i>Journal of the Electrochemical Society</i> , 2009, 156, A313.	2.9	61
158	Identification of TRPM7 channels in human intestinal interstitial cells of Cajal. <i>World Journal of Gastroenterology</i> , 2009, 15, 5799.	3.3	30
159	Thermoresponsive hydrogels based on poly(N-isopropylacrylamide)/chondroitin sulfate. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 336-341.	7.8	31
160	Controlled Array of Ferritin in Tubular Nanostructure. <i>Macromolecular Rapid Communications</i> , 2008, 29, 552-556.	3.9	16
161	DNA Hydrogel Fiber with Self-Entanglement Prepared by Using an Ionic Liquid. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2470-2474.	13.8	53
162	DNA-Wrapped Single-Walled Carbon Nanotube Hybrid Fibers for supercapacitors and Artificial Muscles. <i>Advanced Materials</i> , 2008, 20, 466-470.	21.0	90

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163	Electrochemical actuation in chitosan/polyaniline microfibers for artificial muscles fabricated using an in situ polymerization. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 834-840.	7.8	137
164	Electrochemical properties of SWNT/ferritin composite for bioapplications. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 393-397.	7.8	16
165	Enhanced conductivity of aligned PANi/PEO/MWNT nanofibers by electrospinning. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 122-126.	7.8	79
166	Suppression of transient receptor potential melastatin 7 channel induces cell death in gastric cancer. <i>Cancer Science</i> , 2008, 99, 2502-2509.	3.9	120
167	Molecular determinant of sensing extracellular pH in classical transient receptor potential channel 5. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 239-245.	2.1	17
168	Controlled Magnetic Nanofiber Hydrogels by Clustering Ferritin. <i>Langmuir</i> , 2008, 24, 12107-12111.	3.5	44
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