

Jiang Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

195
papers

9,618
citations

50
h-index

93
g-index

215
ext. papers

11,437
ext. citations

9.7
avg, IF

6.19
L-index

#	Paper	IF	Citations
195	Aptamer-based biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 108-117	14.6	930
194	Self-assembled multivalent DNA nanostructures for noninvasive intracellular delivery of immunostimulatory CpG oligonucleotides. <i>ACS Nano</i> , 2011 , 5, 8783-9	16.7	555
193	Single-particle tracking and modulation of cell entry pathways of a tetrahedral DNA nanostructure in live cells. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7745-50	16.4	326
192	Smart drug delivery nanocarriers with self-assembled DNA nanostructures. <i>Advanced Materials</i> , 2013 , 25, 4386-96	24	313
191	Reconfigurable three-dimensional DNA nanostructures for the construction of intracellular logic sensors. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9020-4	16.4	309
190	Laundering durability of superhydrophobic cotton fabric. <i>Advanced Materials</i> , 2010 , 22, 5473-7	24	243
189	Complex silica composite nanomaterials templated with DNA origami. <i>Nature</i> , 2018 , 559, 593-598	50.4	233
188	Silicon nanowires-based highly-efficient SERS-active platform for ultrasensitive DNA detection. <i>Nano Today</i> , 2011 , 6, 122-130	17.9	224
187	A graphene-based sensor array for high-precision and adaptive target identification with ensemble aptamers. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13843-9	16.4	196
186	Stabilization of Nrf2 by tBHQ confers protection against oxidative stress-induced cell death in human neural stem cells. <i>Toxicological Sciences</i> , 2005 , 83, 313-28	4.4	187
185	Engineering nucleic acid structures for programmable molecular circuitry and intracellular biocomputation. <i>Nature Chemistry</i> , 2017 , 9, 1056-1067	17.6	186
184	Graphene oxide-based antibacterial cotton fabrics. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1259-66	10.1	173
183	Polyvalent immunostimulatory nanoagents with self-assembled CpG oligonucleotide-conjugated gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1202-6	16.4	166
182	Microarray analysis reveals an antioxidant responsive element-driven gene set involved in conferring protection from an oxidative stress-induced apoptosis in IMR-32 cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 388-94	5.4	156
181	DNA Hydrogel with Aptamer-Toehold-Based Recognition, Cloaking, and Decloaking of Circulating Tumor Cells for Live Cell Analysis. <i>Nano Letters</i> , 2017 , 17, 5193-5198	11.5	144
180	miR-122 regulates collagen production via targeting hepatic stellate cells and suppressing P4HA1 expression. <i>Journal of Hepatology</i> , 2013 , 58, 522-8	13.4	133
179	Gold nanoparticle-based enzyme-linked antibody-aptamer sandwich assay for detection of <i>Salmonella Typhimurium</i> . <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 16974-81	9.5	125

178	An immunostimulatory dual-functional nanocarrier that improves cancer immunochemotherapy. <i>Nature Communications</i> , 2016 , 7, 13443	17.4	122
177	Genetic dissection of systemic autoimmune disease in Nrf2-deficient mice. <i>Physiological Genomics</i> , 2004 , 18, 261-72	3.6	121
176	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017 , 8, 15646	17.4	116
175	Multiple-Armed Tetrahedral DNA Nanostructures for Tumor-Targeting, Dual-Modality in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4378-84	9.5	110
174	Rolling circle amplification-based DNA origami nanostructures for intracellular delivery of immunostimulatory drugs. <i>Small</i> , 2013 , 9, 3082-7	11	109
173	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018 , 4, 1344-1351	16.8	102
172	DNA origami. <i>Nature Reviews Methods Primers</i> , 2021 , 1,		96
171	Differential gene expression patterns revealed by oligonucleotide versus long cDNA arrays. <i>Toxicological Sciences</i> , 2002 , 69, 383-90	4.4	95
170	Effective co-delivery of doxorubicin and dasatinib using a PEG-Fmoc nanocarrier for combination cancer chemotherapy. <i>Biomaterials</i> , 2015 , 67, 104-14	15.6	92
169	An Intelligent DNA Nanorobot with Enhanced Protein Lysosomal Degradation of HER2. <i>Nano Letters</i> , 2019 , 19, 4505-4517	11.5	91
168	Clicking DNA to gold nanoparticles: poly-adenine-mediated formation of monovalent DNA-gold nanoparticle conjugates with nearly quantitative yield. <i>NPG Asia Materials</i> , 2015 , 7, e159-e159	10.3	91
167	Regenerable electrochemical immunological sensing at DNA nanostructure-decorated gold surfaces. <i>Chemical Communications</i> , 2011 , 47, 6254-6	5.8	90
166	Gold-nanoparticle-mediated jigsaw-puzzle-like assembly of supersized plasmonic DNA origami. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2966-9	16.4	88
165	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020 , 19, 781-788	27	88
164	One-Shot Immunomodulatory Nanodiamond Agents for Cancer Immunotherapy. <i>Advanced Materials</i> , 2016 , 28, 2699-708	24	85
163	Programming Cell Adhesion for On-Chip Sequential Boolean Logic Functions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10176-10179	16.4	85
162	FXR-mediated regulation of eNOS expression in vascular endothelial cells. <i>Cardiovascular Research</i> , 2008 , 77, 169-77	9.9	85
161	Reconfigurable Three-Dimensional DNA Nanostructures for the Construction of Intracellular Logic Sensors. <i>Angewandte Chemie</i> , 2012 , 124, 9154-9158	3.6	83

160	Cover Image, Volume 52, Issue 4. <i>Cell Proliferation</i> , 2019 , 52, e12671	7.9	78
159	A general soft-enveloping strategy in the templating synthesis of mesoporous metal nanostructures. <i>Nature Communications</i> , 2018 , 9, 521	17.4	73
158	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , 2017 , 11, 11908-11914	16.7	70
157	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7131-7135	16.4	70
156	CpG DNA-mediated immune response in pulmonary endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 287, L552-8	5.8	69
155	Roles of microRNA-29a in the antifibrotic effect of farnesoid X receptor in hepatic stellate cells. <i>Molecular Pharmacology</i> , 2011 , 80, 191-200	4.3	63
154	Gold nanoparticles-based nanoconjugates for enhanced enzyme cascade and glucose sensing. <i>Analyst, The</i> , 2012 , 137, 4435-9	5	59
153	MoS Nanoprobe for MicroRNA Quantification Based on Duplex-Specific Nuclease Signal Amplification. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 7852-7858	9.5	58
152	Physical and biochemical insights on DNA structures in artificial and living systems. <i>Accounts of Chemical Research</i> , 2014 , 47, 1720-30	24.3	54
151	Rotenone-induced caspase 9/3-independent and -dependent cell death in undifferentiated and differentiated human neural stem cells. <i>Journal of Neurochemistry</i> , 2005 , 92, 462-76	6	53
150	DNA-gold nanoparticle conjugates-based nanoplasmonic probe for specific differentiation of cell types. <i>Analytical Chemistry</i> , 2014 , 86, 3227-31	7.8	52
149	Pattern recognition analysis of proteins using DNA-decorated catalytic gold nanoparticles. <i>Small</i> , 2013 , 9, 2844-9	11	52
148	Multi-functional crosslinked Au nanoaggregates for the amplified optical DNA detection. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3311-5	11.8	51
147	A novel ultrasensitive electrochemical DNA sensor based on double tetrahedral nanostructures. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 434-438	11.8	50
146	Targeted Imaging of Brain Tumors with a Framework Nucleic Acid Probe. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3414-3420	9.5	50
145	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020 , 11, 121	17.4	50
144	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8800-8808	16.4	50
143	Activity modulation and allosteric control of a scaffolded DNAzyme using a dynamic DNA nanostructure. <i>Chemical Science</i> , 2016 , 7, 1200-1204	9.4	49

142	An improved D-β-tocopherol-based nanocarrier for targeted delivery of doxorubicin with reversal of multidrug resistance. <i>Journal of Controlled Release</i> , 2014 , 196, 272-86	11.7	49
141	Inhibition of endothelin-1-mediated contraction of hepatic stellate cells by FXR ligand. <i>PLoS ONE</i> , 2010 , 5, e13955	3.7	49
140	Programming Chemical Reaction Networks Using Intramolecular Conformational Motions of DNA. <i>ACS Nano</i> , 2018 , 12, 7093-7099	16.7	47
139	Akt signaling-associated metabolic effects of dietary gold nanoparticles in Drosophila. <i>Scientific Reports</i> , 2012 , 2, 563	4.9	47
138	Bubble-Mediated Ultrasensitive Multiplex Detection of Metal Ions in Three-Dimensional DNA Nanostructure-Encoded Microchannels. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16026-16034	9.5	46
137	MiR-29b inhibits collagen maturation in hepatic stellate cells through down-regulating the expression of HSP47 and lysyl oxidase. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 940-4	3.4	46
136	Near-perfect terahertz wave amplitude modulation enabled by impedance matching in VO2 thin films. <i>Applied Physics Letters</i> , 2018 , 112, 081103	3.4	44
135	Long-term effects of nanoparticles on nutrition and metabolism. <i>Small</i> , 2014 , 10, 3603-11	11	44
134	Cellular uptake and cytotoxic evaluation of fulleranol in different cell lines. <i>Toxicology</i> , 2010 , 269, 155-9	4.4	42
133	Programming DNA origami patterning with non-canonical DNA-based metallization reactions. <i>Nature Communications</i> , 2019 , 10, 5597	17.4	42
132	Valence-Engineering of Quantum Dots Using Programmable DNA Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16077-16081	16.4	41
131	A PEG-Fmoc conjugate as a nanocarrier for paclitaxel. <i>Biomaterials</i> , 2014 , 35, 7146-56	15.6	41
130	Myelin Sheath as a Dielectric Waveguide for Signal Propagation in the Mid-Infrared to Terahertz Spectral Range. <i>Advanced Functional Materials</i> , 2019 , 29, 1807862	15.6	40
129	Biomolecular sensing via coupling DNA-based recognition with gold nanoparticles. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 203001	3	39
128	Role of Nrf2-dependent ARE-driven antioxidant pathway in neuroprotection. <i>Methods in Molecular Biology</i> , 2007 , 399, 67-78	1.4	38
127	Ultrasensitive specific terahertz sensor based on tunable plasmon induced transparency of a graphene micro-ribbon array structure. <i>Optics Express</i> , 2018 , 26, 30655-30666	3.3	35
126	Anti-fibrotic effect of thymoquinone on hepatic stellate cells. <i>Phytomedicine</i> , 2014 , 21, 254-60	6.5	34
125	Terahertz wave near-field compressive imaging with a spatial resolution of over $\lambda/100$. <i>Optics Letters</i> , 2019 , 44, 21-24	3	34

124	Graphene-based nanoprobe and a prototype optical biosensing platform. <i>Biosensors and Bioelectronics</i> , 2013 , 50, 251-5	11.8	33
123	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
122	Dual functional immunostimulatory polymeric prodrug carrier with pendent indoximod for enhanced cancer immunochemotherapy. <i>Acta Biomaterialia</i> , 2019 , 90, 300-313	10.8	32
121	Label-free monitoring of cell death induced by oxidative stress in living human cells using terahertz ATR spectroscopy. <i>Biomedical Optics Express</i> , 2018 , 9, 14-24	3.5	32
120	Ghost spintronic THz-emitter-array microscope. <i>Light: Science and Applications</i> , 2020 , 9, 99	16.7	31
119	Systematic Study in Mammalian Cells Showing No Adverse Response to Tetrahedral DNA Nanostructure. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15442-15448	9.5	31
118	Bacterial Analysis Using an Electrochemical DNA Biosensor with Poly-Adenine-Mediated DNA Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6895-6903	9.5	31
117	Single-Particle Tracking and Modulation of Cell Entry Pathways of a Tetrahedral DNA Nanostructure in Live Cells. <i>Angewandte Chemie</i> , 2014 , 126, 7879-7884	3.6	31
116	Engineering DNA-Nanozyme Interfaces for Rapid Detection of Dental Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 30640-30647	9.5	30
115	Synchrotron-based X-ray microscopic studies for bioeffects of nanomaterials. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 515-24	6	30
114	Deciphering active biocompatibility of iron oxide nanoparticles from their intrinsic antagonism. <i>Nano Research</i> , 2018 , 11, 2746-2755	10	30
113	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13174-9	9.5	29
112	Encoding Carbon Nanotubes with Tubular Nucleic Acids for Information Storage. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17861-17866	16.4	27
111	Quantitative investigation of the poly-adenine DNA dissociation from the surface of gold nanoparticles. <i>Scientific Reports</i> , 2015 , 5, 10158	4.9	26
110	Regulation of hepatic stellate cell proliferation and activation by glutamine metabolism. <i>PLoS ONE</i> , 2017 , 12, e0182679	3.7	26
109	DNA orientation-specific adhesion and patterning of living mammalian cells on self-assembled DNA monolayers. <i>Chemical Science</i> , 2016 , 7, 2722-2727	9.4	26
108	DNA Origami-Enabled Engineering of Ligand-Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020 , 16, e1904857	11	25
107	DNA Nanoribbon-Templated Self-Assembly of Ultrasmall Fluorescent Copper Nanoclusters with Enhanced Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11836-11844	16.4	25

106	Time-dependent changes in ARE-driven gene expression by use of a noise-filtering process for microarray data. <i>Physiological Genomics</i> , 2002 , 9, 137-44	3.6	24
105	DNA nanotechnology-empowered nanoscopic imaging of biomolecules. <i>Chemical Society Reviews</i> , 2021 , 50, 5650-5667	58.5	24
104	PCR-Free Colorimetric DNA Hybridization Detection Using a 3D DNA Nanostructured Reporter Probe. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38281-38287	9.5	23
103	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11938-11946	16.4	23
102	Self-assembly of DNA-based drug delivery nanocarriers with rolling circle amplification. <i>Methods</i> , 2014 , 67, 198-204	4.6	23
101	Solidifying framework nucleic acids with silica. <i>Nature Protocols</i> , 2019 , 14, 2416-2436	18.8	22
100	Superresolution imaging of telomeres with continuous wave stimulated emission depletion (STED) microscope. <i>Science China Chemistry</i> , 2016 , 59, 1519-1524	7.9	22
99	Probing the Intracellular Dynamics of Nitric Oxide and Hydrogen Sulfide Using an Activatable NIR II Fluorescence Reporter. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8450-8454	16.4	21
98	Programming Switchable Transcription of Topologically Constrained DNA. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10739-10746	16.4	20
97	High-Q Fano-like resonance based on a symmetric dimer structure and its terahertz sensing application. <i>Optical Materials Express</i> , 2017 , 7, 1335	2.6	19
96	Enhanced saccharification of corn straw pretreated by alkali combining crude ligninolytic enzymes. <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 1687-1693	3.5	19
95	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20612-20618	16.4	19
94	Optimization of terahertz generation from LiNbO3 under intense laser excitation with the effect of three-photon absorption. <i>Optics Express</i> , 2015 , 23, 31313-23	3.3	18
93	Functional DNA Structures and Their Biomedical Applications. <i>CCS Chemistry</i> , 2020 , 2, 707-728	7.2	18
92	Generation of 0.19-mJ THz pulses in LiNbO3 driven by 800-nm femtosecond laser. <i>Optics Express</i> , 2016 , 24, 14828-35	3.3	18
91	Programming chain-growth copolymerization of DNA hairpin tiles for in-vitro hierarchical supramolecular organization. <i>Nature Communications</i> , 2019 , 10, 1006	17.4	18
90	Precisely Tailored DNA Nanostructures and their Theranostic Applications. <i>Chemical Record</i> , 2017 , 17, 1213-1230	6.6	17
89	Redox Engineering of Cytochrome c using DNA Nanostructure-Based Charged Encapsulation and Spatial Control. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13874-13880	9.5	17

88	Efficient terahertz wave generation from GaP crystals pumped by chirp-controlled pulses from femtosecond photonic crystal fiber amplifier. <i>Applied Physics Letters</i> , 2014 , 104, 031117	3.4	17
87	Polyvalent Immunostimulatory Nanoagents with Self-Assembled CpG Oligonucleotide-Conjugated Gold Nanoparticles. <i>Angewandte Chemie</i> , 2012 , 124, 1228-1232	3.6	17
86	Generation of 0.3 mW high-power broadband terahertz pulses from GaP crystal pumped by negatively chirped femtosecond laser pulses. <i>Laser Physics Letters</i> , 2013 , 10, 125404	1.5	16
85	Blood exposure to graphene oxide may cause anaphylactic death in non-human primates. <i>Nano Today</i> , 2020 , 35, 100922	17.9	16
84	A high-performance broadband terahertz absorber based on sawtooth-shape doped-silicon. <i>AIP Advances</i> , 2016 , 6, 055112	1.5	16
83	Fabrication and kW-level MOPA laser output of planar waveguide YAG/Yb:YAG/YAG ceramic slab. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 1758-1767	3.8	16
82	Gold-Nanoparticle-Mediated Jigsaw-Puzzle-like Assembly of Supersized Plasmonic DNA Origami. <i>Angewandte Chemie</i> , 2015 , 127, 3009-3012	3.6	15
81	Encoding quantized fluorescence states with fractal DNA frameworks. <i>Nature Communications</i> , 2020 , 11, 2185	17.4	15
80	Terahertz Spectroscopic Diagnosis of Myelin Deficit Brain in Mice and Rhesus Monkey with Chemometric Techniques. <i>Scientific Reports</i> , 2017 , 7, 5176	4.9	15
79	Directing curli polymerization with DNA origami nucleators. <i>Nature Communications</i> , 2019 , 10, 1395	17.4	14
78	DNA Framework-Mediated Electrochemical Biosensing Platform for Amplification-Free MicroRNA Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 4498-4503	7.8	14
77	Dissecting tBHQ induced ARE-driven gene expression through long and short oligonucleotide arrays. <i>Physiological Genomics</i> , 2005 , 21, 43-58	3.6	14
76	Preservation of DNA Nanostructure Carriers: Effects of Freeze-Thawing and Ionic Strength during Lyophilization and Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18434-18439	9.5	13
75	Electrospun nanostructured CoO/BiVO composite films for photoelectrochemical applications. <i>Journal of Colloid and Interface Science</i> , 2019 , 539, 442-447	9.3	13
74	Sub-diffraction-limit cell imaging using a super-resolution microscope with simplified pulse synchronization. <i>Science China Chemistry</i> , 2017 , 60, 1305-1309	7.9	12
73	Near-Field Nanoscopic Terahertz Imaging of Single Proteins. <i>Small</i> , 2021 , 17, e2005814	11	12
72	Recent Advances of DNA Nanostructure-Based Cell Membrane Engineering. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001718	10.1	12
71	Whole-Brain Mapping of Monosynaptic Afferent Inputs to Cortical CRH Neurons. <i>Frontiers in Neuroscience</i> , 2019 , 13, 565	5.1	11

70	Classifying Cell Types with DNA-Encoded Ligand-Receptor Interactions on the Cell Membrane. <i>Nano Letters</i> , 2020 , 20, 3521-3527	11.5	11
69	Epitope Binning Assay Using an Electron Transfer-Modulated Aptamer Sensor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 341-349	9.5	11
68	Poly-adenine-mediated fluorescent spherical nucleic acid probes for live-cell imaging of endogenous tumor-related mRNA. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1797-1807	6.11	11
67	Single cell imaging with near-field terahertz scanning microscopy. <i>Cell Proliferation</i> , 2020 , 53, e12788	7.9	10
66	Antioxidant responsive element activation by quinones: antioxidant responsive element target genes, role of PI3 kinase in activation. <i>Methods in Enzymology</i> , 2004 , 378, 238-58	1.7	10
65	Programming Biomimetically Confined Aptamers with DNA Frameworks. <i>ACS Nano</i> , 2020 , 14, 8776-8783	6.7	9
64	Nanomechanical identification of proteins using microcantilever-based chemical sensors. <i>Nanoscale</i> , 2012 , 4, 6739-42	7.7	9
63	Giant dual-mode graphene-based terahertz modulator enabled by Fabry-Perot assisted multiple reflection. <i>Optics Letters</i> , 2019 , 44, 1630-1633	3	9
62	Label-Free and Three-Dimensional Visualization Reveals the Dynamics of Plasma Membrane-Derived Extracellular Vesicles. <i>Nano Letters</i> , 2020 , 20, 6313-6319	11.5	9
61	A Nanomicellar Prodrug Carrier Based on Ibuprofen-Conjugated Polymer for Co-delivery of Doxorubicin. <i>Frontiers in Pharmacology</i> , 2018 , 9, 781	5.6	9
60	Engineering a chemoenzymatic cascade for sustainable photobiological hydrogen production with green algae. <i>Energy and Environmental Science</i> , 2020 , 13, 2064-2068	35.4	8
59	Enhancement of terahertz radiation from GaP emitters by subwavelength antireflective micropyramid structures. <i>Optics Letters</i> , 2013 , 38, 2053-5	3	8
58	Measurement of nanomechanical properties of DNA molecules by PeakForce atomic force microscopy based on DNA origami. <i>Nanoscale</i> , 2019 , 11, 4707-4711	7.7	8
57	Gold nanoflower-based surface-enhanced Raman probes for pH mapping of tumor cell microenvironment. <i>Cell Proliferation</i> , 2019 , 52, e12618	7.9	7
56	Protein-mimicking nanoparticle (Protmin)-based nanosensor for intracellular analysis of metal ions. <i>Nuclear Science and Techniques/Hewuli</i> , 2018 , 29, 1	2.1	7
55	DNA-Guided Room-Temperature Synthesis of Single-Crystalline Gold Nanostructures on Graphdiyne Substrates. <i>ACS Central Science</i> , 2020 , 6, 779-786	16.8	7
54	Valence-Engineering of Quantum Dots Using Programmable DNA Scaffolds. <i>Angewandte Chemie</i> , 2017 , 129, 16293-16297	3.6	6
53	A Phase Transition Oxide/Graphene Interface for Incident-Angle-Agile, Ultrabroadband, and Deep THz Modulation. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2001297	4.6	6

52	Programming PAM antennae for efficient CRISPR-Cas9 DNA editing. <i>Science Advances</i> , 2020 , 6, eaay9948	4.3	6
51	Encoding Fluorescence Anisotropic Barcodes with DNA Frameworks. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10735-10742	16.4	6
50	Metformin-conjugated micellar system with intratumoral pH responsive de-shielding for co-delivery of doxorubicin and nucleic acid. <i>Biochemical Pharmacology</i> , 2021 , 189, 114453	6	6
49	Enhanced photoresponses of an optically driven VO ₂ -based terahertz wave modulator near percolation threshold. <i>Applied Physics Letters</i> , 2018 , 113, 231104	3.4	6
48	PolyA-based DNA bonds with programmable bond length and bond energy. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	5
47	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie</i> , 2018 , 130, 7249-7253	3.6	5
46	Terahertz waveguide emitters in photonic crystal fiber form. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 3114	1.7	5
45	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie</i> , 2020 , 132, 20793-20799	3.6	5
44	Terahertz wave avalanche breakdown transistor for high-performance switching. <i>Photonics Research</i> , 2021 , 9, 370	6	5
43	Proteomic Exploration of Endocytosis of Framework Nucleic Acids. <i>Small</i> , 2021 , 17, e2100837	11	5
42	DNA Nanoribbon-Templated Self-Assembly of Ultrasmall Fluorescent Copper Nanoclusters with Enhanced Luminescence. <i>Angewandte Chemie</i> , 2020 , 132, 11934-11942	3.6	5
41	In Situ Probing of the Particle-Mediated Mechanism of WO ₃ -Networked Structures Grown inside Confined Mesoporous Channels. <i>Small</i> , 2018 , 14, 1702565	11	5
40	Hydrophobic collapse-driven nanoparticle coating with poly-adenine adhesives. <i>Chemical Communications</i> , 2021 , 57, 3801-3804	5.8	5
39	Driving DNA Origami Assembly with a Terahertz Wave.. <i>Nano Letters</i> , 2021 ,	11.5	5
38	Cotranscriptionally folded RNA nanostructures pave the way to intracellular nanofabrication. <i>ChemBioChem</i> , 2015 , 16, 39-41	3.8	4
37	Universal optical assays based on multi-component nanoprobe for genomic deoxyribonucleic acid and proteins. <i>Analytica Chimica Acta</i> , 2011 , 702, 114-9	6.6	4
36	Continuously tuning the impedance matching at the broadband terahertz frequency range in VO ₂ thin film. <i>Optical Materials Express</i> , 2019 , 9, 315	2.6	4
35	A DNA nanodevice boosts tumour immunity. <i>Nature Nanotechnology</i> , 2021 ,	28.7	4

34	Probing the Intracellular Dynamics of Nitric Oxide and Hydrogen Sulfide Using an Activatable NIR II Fluorescence Reporter. <i>Angewandte Chemie</i> , 2021 , 133, 8531-8535	3.6	4
33	Time-resolved single-shot terahertz time-domain spectroscopy for ultrafast irreversible processes. <i>Review of Scientific Instruments</i> , 2016 , 87, 095101	1.7	4
32	Programming cell communications with pH-responsive DNA nanodevices. <i>Chemical Communications</i> , 2021 , 57, 4536-4539	5.8	4
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