Yi Xiao

List of Publications by Year in descending order

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204	15,512	25034	18130
papers	citations	57 h-index	120 g-index

212	212	212	12546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	"Plugging into Enzymes": Nanowiring of Redox Enzymes by a Gold Nanoparticle. Science, 2003, 299, 1877-1881.	12.6	1,248
2	Label-Free Electronic Detection of Thrombin in Blood Serum by Using an Aptamer-Based Sensor. Angewandte Chemie - International Edition, 2005, 44, 5456-5459.	13.8	683
3	Aptamer-Functionalized Au Nanoparticles for the Amplified Optical Detection of Thrombin. Journal of the American Chemical Society, 2004, 126, 11768-11769.	13.7	669
4	Colorimetric detection of DNA, small molecules, proteins, and ions using unmodified gold nanoparticles and conjugated polyelectrolytes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10837-10841.	7.1	505
5	A Reagentless Signal-On Architecture for Electronic, Aptamer-Based Sensors via Target-Induced Strand Displacement. Journal of the American Chemical Society, 2005, 127, 17990-17991.	13.7	500
6	Sensitive and Selective Amplified Fluorescence DNA Detection Based on Exonuclease III-Aided Target Recycling. Journal of the American Chemical Society, 2010, 132, 1816-1818.	13.7	477
7	Electrochemical Detection of Parts-Per-Billion Lead via an Electrode-Bound DNAzyme Assembly. Journal of the American Chemical Society, 2007, 129, 262-263.	13.7	456
8	Catalytic Beacons for the Detection of DNA and Telomerase Activity. Journal of the American Chemical Society, 2004, 126, 7430-7431.	13.7	411
9	High Specificity, Electrochemical Sandwich Assays Based on Single Aptamer Sequences and Suitable for the Direct Detection of Small-Molecule Targets in Blood and Other Complex Matrices. Journal of the American Chemical Society, 2009, 131, 6944-6945.	13.7	391
10	Hydrogen peroxide sensor based on horseradish peroxidase-labeled Au colloids immobilized on gold electrode surface by cysteamine monolayer. Analytica Chimica Acta, 1999, 391, 73-82.	5.4	380
11	Preparation of electrode-immobilized, redox-modified oligonucleotides for electrochemical DNA and aptamer-based sensing. Nature Protocols, 2007, 2, 2875-2880.	12.0	350
12	Amplified Chemiluminescence Surface Detection of DNA and Telomerase Activity Using Catalytic Nucleic Acid Labels. Analytical Chemistry, 2004, 76, 2152-2156.	6.5	342
13	Continuous, Real-Time Monitoring of Cocaine in Undiluted Blood Serum via a Microfluidic, Electrochemical Aptamer-Based Sensor. Journal of the American Chemical Society, 2009, 131, 4262-4266.	13.7	333
14	Micromagnetic selection of aptamers in microfluidic channels. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2989-2994.	7.1	310
15	DNAzyme-Functionalized Au Nanoparticles for the Amplified Detection of DNA or Telomerase Activity. Nano Letters, 2004, 4, 1683-1687.	9.1	289
16	Optimization of Electrochemical Aptamer-Based Sensors via Optimization of Probe Packing Density and Surface Chemistry. Langmuir, 2008, 24, 10513-10518.	3.5	278
17	Label-Free Electrochemical Detection of DNA in Blood Serum via Target-Induced Resolution of an Electrode-Bound DNA Pseudoknot. Journal of the American Chemical Society, 2007, 129, 11896-11897.	13.7	240
18	Quantitative selection of DNA aptamers through microfluidic selection and high-throughput sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15373-15378.	7.1	226

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19	Inhibition of the Acetycholine Esterase-Stimulated Growth of Au Nanoparticles:â€‰Nanotechnology-Based Sensing of Nerve Gases. Nano Letters, 2005, 5, 649-653.	9.1	225
20	Single-step electronic detection of femtomolar DNA by target-induced strand displacement in an electrode-bound duplex. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16677-16680.	7.1	220
21	An Electrochemical Supersandwich Assay for Sensitive and Selective DNA Detection in Complex Matrices. Journal of the American Chemical Society, 2010, 132, 14346-14348.	13.7	214
22	Bearing strength and failure behavior of bolted composite joints (part I: Experimental investigation). Composites Science and Technology, 2005, 65, 1022-1031.	7.8	200
23	Advances and Challenges in Smallâ€Molecule DNA Aptamer Isolation, Characterization, and Sensor Development. Angewandte Chemie - International Edition, 2021, 60, 16800-16823.	13.8	198
24	Efficacy and safety of CAR19/22 T-cell cocktail therapy in patients with refractory/relapsed B-cell malignancies. Blood, 2020, 135, 17-27.	1.4	191
25	Genetic Analysis of H1N1 Influenza Virus from Throat Swab Samples in a Microfluidic System for Point-of-Care Diagnostics. Journal of the American Chemical Society, 2011, 133, 9129-9135.	13.7	178
26	An Electrochemical Sensor for Single Nucleotide Polymorphism Detection in Serum Based on a Triple-Stem DNA Probe. Journal of the American Chemical Society, 2009, 131, 15311-15316.	13.7	171
27	Lighting Up Biochemiluminescence by the Surface Self-Assembly of DNA-Hemin Complexes. ChemBioChem, 2004, 5, 374-379.	2.6	167
28	Catalytic Growth of Au Nanoparticles by NAD(P)H Cofactors: Optical Sensors for NAD(P)+-Dependent Biocatalyzed Transformations. Angewandte Chemie - International Edition, 2004, 43, 4519-4522.	13.8	158
29	Generation of Highly Specific Aptamers via Micromagnetic Selection. Analytical Chemistry, 2009, 81, 5490-5495.	6.5	125
30	Fluorescence Detection of Singleâ€Nucleotide Polymorphisms with a Single, Selfâ€Complementary, Tripleâ€Stem DNA Probe. Angewandte Chemie - International Edition, 2009, 48, 4354-4358.	13.8	118
31	i-Motif Quadruplex DNA-Based Biosensor for Distinguishing Single- and Multiwalled Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 13813-13818.	13.7	117
32	Label-Free, Dual-Analyte Electrochemical Biosensors: A New Class of Molecular-Electronic Logic Gates. Journal of the American Chemical Society, 2010, 132, 8557-8559.	13.7	117
33	In vitro selection of structure-switching, self-reporting aptamers. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14053-14058.	7.1	113
34	Bearing strength and failure behavior of bolted composite joints (part II: modeling and simulation). Composites Science and Technology, 2005, 65, 1032-1043.	7.8	108
35	Detection of Telomerase Activity in High Concentration of Cell Lysates Using Primer-Modified Gold Nanoparticles. Journal of the American Chemical Society, 2010, 132, 15299-15307.	13.7	105
36	The influence of leaf anatomy on the internal light environment and photosynthetic electron transport rate: exploration with a new leaf ray tracing model. Journal of Experimental Botany, 2016, 67, 6021-6035.	4.8	102

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37	Innovative engineering and sensing strategies for aptamer-based small-molecule detection. TrAC - Trends in Analytical Chemistry, 2019, 121, 115699.	11.4	102
38	A Phase I Study of a Novel Fully Human BCMA-Targeting CAR (CT103A) in Patients with Relapsed/Refractory Multiple Myeloma. Blood, 2021, 137, 2890-2901.	1.4	100
39	Incidence and Risk of Cardiotoxicity Associated with Bortezomib in the Treatment of Cancer: A Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e87671.	2.5	97
40	Detection of Proteins in Serum by Micromagnetic Aptamer PCR (MAP) Technology. Angewandte Chemie - International Edition, 2010, 49, 355-358.	13.8	96
41	A Label-Free Aptamer-Fluorophore Assembly for Rapid and Specific Detection of Cocaine in Biofluids. Analytical Chemistry, 2014, 86, 11100-11106.	6.5	95
42	Optimization of a Reusable, DNA Pseudoknot-Based Electrochemical Sensor for Sequence-Specific DNA Detection in Blood Serum. Analytical Chemistry, 2009, 81, 656-661.	6.5	94
43	Probing the Limits of Aptamer Affinity with a Microfluidic SELEX Platform. PLoS ONE, 2011, 6, e27051.	2.5	90
44	A cooperative-binding split aptamer assay for rapid, specific and ultra-sensitive fluorescence detection of cocaine in saliva. Chemical Science, 2017, 8, 131-141.	7.4	89
45	Perspective on the Future Role of Aptamers in Analytical Chemistry. Analytical Chemistry, 2019, 91, 15335-15344.	6.5	89
46	Contact acoustic nonlinearity (CAN)-based continuous monitoring of bolt loosening: Hybrid use of high-order harmonics and spectral sidebands. Mechanical Systems and Signal Processing, 2018, 103, 280-294.	8.0	88
47	On the Binding of Cationic, Water-Soluble Conjugated Polymers to DNA: Electrostatic and Hydrophobic Interactions. Journal of the American Chemical Society, 2010, 132, 1252-1254.	13.7	82
48	Optical and Electrochemical Detection of NADH and of NAD+-Dependent Biocatalyzed Processes by the Catalytic Deposition of Copper on Gold Nanoparticles. Small, 2005, 1, 213-216.	10.0	75
49	Quantitative evaluation of residual torque of a loose bolt based on wave energy dissipation and vibro-acoustic modulation: A comparative study. Journal of Sound and Vibration, 2016, 383, 156-170.	3.9	73
50	Electrochemical DNA Detection via Exonuclease and Target-Catalyzed Transformation of Surface-Bound Probes. Langmuir, 2010, 26, 10392-10396.	3.5	72
51	On the Signaling of Electrochemical Aptamerâ€Based Sensors: Collisionâ€and Foldingâ€Based Mechanisms. Electroanalysis, 2009, 21, 1267-1271.	2.9	71
52	Amperometric Biosensor for Glucose Based on a Nanometer-Sized Microband Gold Electrode Coimmobilized with Glucose Oxidase and Poly(o-phenylenediamide). Electroanalysis, 1998, 10, 541-545.	2.9	70
53	Selection is more intelligent than design: improving the affinity of a bivalent ligand through directed evolution. Nucleic Acids Research, 2012, 40, 11777-11783.	14.5	70
54	Shape and Color of Au Nanoparticles Follow Biocatalytic Processes. Langmuir, 2005, 21, 5659-5662.	3.5	67

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55	Electrical contacting of glucose oxidase by DNA-templated polyaniline wires on surfaces. Electrochemistry Communications, 2004, 6, 1057-1060.	4.7	63
56	No Structure-Switching Required: A Generalizable Exonuclease-Mediated Aptamer-Based Assay for Small-Molecule Detection. Journal of the American Chemical Society, 2018, 140, 9961-9971.	13.7	62
57	Immobilizable fluorescent probes for monitoring the mitochondria microenvironment: a next step from the classic. Journal of Materials Chemistry B, 2019, 7, 2749-2758.	5.8	61
58	Improving Aptamer Selection Efficiency through Volume Dilution, Magnetic Concentration, and Continuous Washing in Microfluidic Channels. Analytical Chemistry, 2011, 83, 6883-6889.	6.5	60
59	Selection of phage-displayed peptides on live adherent cells in microfluidic channels. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6909-6914.	7.1	57
60	Immobilization Strategies for Enhancing Sensitivity of Electrochemical Aptamer-Based Sensors. ACS Applied Materials & Interfaces, 2021, 13, 9491-9499.	8.0	57
61	Accelerating Post-SELEX Aptamer Engineering Using Exonuclease Digestion. Journal of the American Chemical Society, 2021, 143, 805-816.	13.7	56
62	Self-Assembled DNA Monolayer Buffered Dynamic Ranges of Mercuric Electrochemical Sensor. Analytical Chemistry, 2013, 85, 7574-7580.	6.5	53
63	Label-Free, Visual Detection of Small Molecules Using Highly Target-Responsive Multimodule Split Aptamer Constructs. Analytical Chemistry, 2019, 91, 7199-7207.	6.5	53
64	Adsorption characteristics of Fe(CN)63â^'/4â^' on Au colloids as monolayer films on cysteamine-modified gold electrode. Journal of Electroanalytical Chemistry, 1999, 466, 26-30.	3.8	52
65	Polarityâ€Switching Electrochemical Sensor for Specific Detection of Singleâ€Nucleotide Mismatches. Angewandte Chemie - International Edition, 2011, 50, 11176-11180.	13.8	51
66	Introducing structure-switching functionality into small-molecule-binding aptamers via nuclease-directed truncation. Nucleic Acids Research, 2018, 46, e81-e81.	14.5	51
67	An OsII-Bisbipyridine-4-Picolinic Acid Complex Mediates the Biocatalytic Growth of Au Nanoparticles: Optical Detection of Glucose and Acetylcholine Esterase Inhibition. Chemistry - A European Journal, 2005, 11, 2698-2704.	3.3	50
68	Nanoprobe-Enhanced, Split Aptamer-Based Electrochemical Sandwich Assay for Ultrasensitive Detection of Small Molecules. Analytical Chemistry, 2015, 87, 7712-7719.	6.5	50
69	In vitro isolation of class-specific oligonucleotide-based small-molecule receptors. Nucleic Acids Research, 2019, 47, e71-e71.	14.5	50
70	Twoâ€Step, PCRâ€Free Telomerase Detection by Using Exonuclease IIIâ€Aided Target Recycling. ChemBioChem, 2011, 12, 2745-2747.	2.6	48
71	New trends of molecular probes based on the fluorophore 4-amino-1,8-naphthalimide. Chinese Chemical Letters, 2019, 30, 1799-1808.	9.0	48
72	Inflammatory signatures for quick diagnosis of life-threatening infection during the CAR T-cell therapy. , 2019, 7, 271.		45

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73	Vibro-acoustic modulation (VAM)-inspired structural integrity monitoring and its applications to bolted composite joints. Composite Structures, 2017, 176, 505-515.	5.8	44
74	Isolation of Natural DNA Aptamers for Challenging Small-Molecule Targets, Cannabinoids. Analytical Chemistry, 2021, 93, 3172-3180.	6.5	44
75	Paper-Based Device for Rapid Visualization of NADH Based on Dissolution of Gold Nanoparticles. ACS Applied Materials & Interfaces, 2015, 7, 15023-15030.	8.0	43
76	Transcriptome response of cassava leaves under natural shade. Scientific Reports, 2016, 6, 31673.	3.3	43
77	Experimental and numerical investigation on in-plane compression and shear performance of a pultruded GFRP composite bridge deck. Composite Structures, 2017, 180, 914-932.	5.8	43
78	miR-223 decreases cell proliferation and enhances cell apoptosis in acute myeloid leukemia via targeting FBXW7. Oncology Letters, 2016, 12, 3531-3536.	1.8	41
79	Anti-BCMA CAR-T cells for treatment of plasma cell dyscrasia: case report on POEMS syndrome and multiple myeloma. Journal of Hematology and Oncology, 2018, 11, 128.	17.0	41
80	MicroRNA 217 inhibits cell proliferation and enhances chemosensitivity to doxorubicin in acute myeloid leukemia by targeting KRAS. Oncology Letters, 2017, 13, 4986-4994.	1.8	40
81	Ratiometric sensing lysosomal pH in inflammatory macrophages by a BODIPY-rhodamine dyad with restrained FRET. Chinese Chemical Letters, 2020, 31, 1091-1094.	9.0	40
82	Fabrication of Aptamerâ€Modified Paper Electrochemical Devices for Onâ€Site Biosensing. Angewandte Chemie - International Edition, 2021, 60, 2993-3000.	13.8	40
83	Cyclic electron flow may provide some protection against PSII photoinhibition in rice (Oryza sativa L.) leaves under heat stress. Journal of Plant Physiology, 2017, 211, 138-146.	3.5	39
84	In vitro isolation of small-molecule-binding aptamers with intrinsic dye-displacement functionality. Nucleic Acids Research, 2018, 46, e43-e43.	14.5	39
85	Targetable, two-photon fluorescent probes for local nitric oxide capture in the plasma membranes of live cells and brain tissues. Analyst, The, 2018, 143, 4180-4188.	3.5	39
86	Amplified Single Base-Pair Mismatch Detection via Aggregation of Exonuclease-Sheared Gold Nanoparticles. Analytical Chemistry, 2014, 86, 3461-3467.	6.5	38
87	Components of mesophyll resistance and their environmental responses: A theoretical modelling analysis. Plant, Cell and Environment, 2017, 40, 2729-2742.	5.7	38
88	Measurement of Aptamerâ€"Protein Interactions with Back-Scattering Interferometry. Analytical Chemistry, 2011, 83, 8867-8870.	6.5	37
89	A phase I study of antiâ€BCMA CAR T cell therapy in relapsed/refractory multiple myeloma and plasma cell leukemia. Clinical and Translational Medicine, 2021, 11, e346.	4.0	35
90	An efficient finite element method for computing modal damping of laminated composites: Theory and experiment. Composite Structures, 2018, 184, 728-741.	5.8	34

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91	Effects of contact between rough surfaces on the dynamic responses of bolted composite joints: Multiscale modeling and numerical simulation. Composite Structures, 2019, 211, 13-23.	5.8	34
92	Circ_0009910 shuttled by exosomes regulates proliferation, cell cycle and apoptosis of acute myeloid leukemia cells by regulating miRâ€5195â€3p/GRB10 axis. Hematological Oncology, 2021, 39, 390-400.	1.7	34
93	A novel family of AIE-active meso-2-ketopyrrolyl BODIPYs: bright solid-state red fluorescence, morphological properties and application as viscosimeters in live cells. Materials Chemistry Frontiers, 2019, 3, 1823-1832.	5.9	33
94	Rapid, Surfactant-Free, and Quantitative Functionalization of Gold Nanoparticles with Thiolated DNA under Physiological pH and Its Application in Molecular Beacon-Based Biosensor. ACS Applied Materials & Interfaces, 2016, 8, 27298-27304.	8.0	32
95	CAR T-Cell Therapy Is Effective but Not Long-Lasting in B-Cell Lymphoma of the Brain. Frontiers in Oncology, 2020, 10, 1306.	2.8	32
96	Sensitive Detection of Small-Molecule Targets Using Cooperative Binding Split Aptamers and Enzyme-Assisted Target Recycling. Analytical Chemistry, 2018, 90, 1748-1758.	6.5	31
97	Electrocatalytic intercalator-induced winding of double-stranded DNA with polyaniline. Chemical Communications, 2003, , 1540.	4.1	29
98	Ambient Filtration Method To Rapidly Prepare Highly Conductive, Paper-Based Porous Gold Films for Electrochemical Biosensing. ACS Applied Materials & Interfaces, 2015, 7, 27049-27058.	8.0	29
99	A targetable fluorescent probe for dSTORM super-resolution imaging of live cell nucleus DNA. Chemical Communications, 2019, 55, 1951-1954.	4.1	28
100	Sequential CD19/22 CAR T-cell immunotherapy following autologous stem cell transplantation for central nervous system lymphoma. Blood Cancer Journal, 2021, 11, 131.	6.2	28
101	Forthrightly monitoring ferroptosis induced by endoplasmic reticulum stresses through fluorescence lifetime imaging of microviscosity increases with a specific rotor. Chinese Chemical Letters, 2022, 33, 2537-2540.	9.0	27
102	Labelâ€Free Colorimetric Screening of Nuclease Activity and Substrates by Using Unmodified Gold Nanoparticles. ChemBioChem, 2009, 10, 1973-1977.	2.6	26
103	Electrochemical DNA three-way junction based sensor for distinguishing chiral metallo-supramolecular complexes. Chemical Communications, 2012, 48, 6900.	4.1	26
104	In Vitro Selection of Shape-Changing DNA Nanostructures Capable of Binding-Induced Cargo Release. ACS Nano, 2013, 7, 9675-9683.	14.6	26
105	CD19/CD22 Chimeric Antigen Receptor T Cell Cocktail Therapy following Autologous Transplantation in Patients with Relapsed/Refractory Aggressive B Cell Lymphomas. Transplantation and Cellular Therapy, 2021, 27, 910.e1-910.e11.	1.2	26
106	Dithiothreitol-Regulated Coverage of Oligonucleotide-Modified Gold Nanoparticles To Achieve Optimized Biosensor Performance. ACS Applied Materials & Interfaces, 2018, 10, 4233-4242.	8.0	25
107	Universal Design of Structure-Switching Aptamers with Signal Reporting Functionality. Analytical Chemistry, 2019, 91, 14514-14521.	6.5	25
108	Label-free profiling of DNA aptamer-small molecule binding using T5 exonuclease. Nucleic Acids Research, 2020, 48, e120-e120.	14.5	25

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109	Entecavir prophylaxis for hepatitis B virus reactivation in patients with CAR T-cell therapy. Blood, 2020, 136, 516-519.	1.4	25
110	Viral infection/reactivation during long-term follow-up in multiple myeloma patients with anti-BCMA CAR therapy. Blood Cancer Journal, 2021, 11, 168.	6.2	24
111	Electrooxidative coupling of a toluidine blue O terminated self-assembled monolayer studied by electrochemistry and surface enhanced Raman spectroscopy. Journal of Electroanalytical Chemistry, 2002, 518, 123-130.	3.8	23
112	Amino-acid ester derived perylene diimides electron acceptor materials: An efficient strategy for green-solvent-processed organic solar cells. Dyes and Pigments, 2019, 164, 384-389.	3.7	23
113	Cycloâ€Ketal Xanthene Dyes: A New Class of Nearâ€Infrared Fluorophores for Superâ€Resolution Imaging of Live Cells. Chemistry - A European Journal, 2021, 27, 3688-3693.	3.3	23
114	Tuning Biosensor Cross-Reactivity Using Aptamer Mixtures. Analytical Chemistry, 2020, 92, 5041-5047.	6.5	22
115	Contact acoustic nonlinearity effect on the vibro-acoustic modulation of delaminated composite structures. Mechanical Systems and Signal Processing, 2022, 163, 108161.	8.0	22
116	A detailed finite element analysis of composite bolted joint dynamics with multiscale modeling of contacts between rough surfaces. Composite Structures, 2020, 236, 111874.	5.8	20
117	Constructing a donorâ€“acceptor linear-conjugation structure for heterologous perylene diimides to greatly improve the photovoltaic performance. Journal of Materials Chemistry C, 2019, 7, 835-842.	5.5	19
118	Modeling of nonlinear response in loading-unloading tests for fibrous composites under tension and compression. Composite Structures, 2019, 207, 894-908.	5.8	19
119	Hsa_circ_0002483 regulates miRâ€758â€3p/MYC axis to promote acute myeloid leukemia progression. Hematological Oncology, 2021, 39, 243-253.	1.7	19
120	CAR22/19 Cocktail Therapy for Patients with Refractory/Relapsed B-Cell Malignancies. Blood, 2018, 132, 1408-1408.	1.4	19
121	DNA Aptamerâ€“Cyanine Complexes as Generic Colorimetric Smallâ€Molecule Sensors. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
122	ePlant for quantitative and predictive plant science research in the big data era â€”Lay the foundation for the future model guided crop breeding, engineering and agronomy. Quantitative Biology, 2017, 5, 260-271.	0.5	18
123	Influence of creep on preload relaxation of bolted composite joints: Modeling and numerical simulation. Composite Structures, 2020, 245, 112332.	5.8	17
124	CAR19/22 T cell therapy in adult refractory Burkittâ€™s lymphoma. Cancer Immunology, Immunotherapy, 2021, 70, 2379-2384.	4.2	17
125	The effect of embedded devices on structural integrity of composite laminates. Composite Structures, 2016, 153, 21-29.	5.8	16
126	Some improvements on Sunâ€“Chenâ€™s one-parameter plasticity model for fibrous composites â€“ Part I: Constitutive modelling for tensionâ€“compression asymmetry response. Journal of Composite Materials, 2017, 51, 405-418.	2.4	16

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127	A novel chimeric antigen receptor redirecting T-cell specificity towards CD26+ cancer cells. Leukemia, 2021, 35, 119-129.	7.2	15
128	Aptamer-Integrated Multianalyte-Detecting Paper Electrochemical Device. ACS Applied Materials & Interfaces, 2021, 13, 17330-17339.	8.0	15
129	Outcome of aggressive B-cell lymphoma with TP53 alterations administered with CAR T-cell cocktail alone or in combination with ASCT. Signal Transduction and Targeted Therapy, 2022, 7, 101.	17.1	15
130	Methylenetetrahydrofolate Reductase Polymorphisms and Susceptibility to Acute Lymphoblastic Leukemia in a Chinese Population: A Meta-Analysis. Oncology Research and Treatment, 2014, 37, 576-582.	1.2	14
131	Continuous monitoring of tightening condition of single-lap bolted composite joints using intrinsic mode functions of acoustic emission signals: a proof-of-concept study. Structural Health Monitoring, 2019, 18, 1219-1234.	7.5	14
132	Characterization and modeling of the creep behavior of fiber composites with tension and compression asymmetry. International Journal of Mechanical Sciences, 2020, 170, 105340.	6.7	14
133	Longâ€term outcomes of relapsed/refractory doubleâ€hit lymphoma (r/r DHL) treated with CD19/22 CAR Tâ€cell cocktail therapy. Clinical and Translational Medicine, 2020, 10, e176.	4.0	14
134	CAR T-cell therapy for a relapsed/refractory acute B-cell lymphoblastic lymphoma patient in the context of Li-Fraumeni syndrome. , 2020, 8, e000364.		14
135	Sequential Infusion of Anti-CD22 and Anti-CD19 Chimeric Antigen Receptor T Cells for Adult Patients with Refractory/Relapsed B-Cell Acute Lymphoblastic Leukemia. Blood, 2017, 130, 846-846.	1.4	14
136	Systematic review/Meta-analysis Positron emission tomography alone, positron emission tomography-computed tomography and computed tomography in diagnosing recurrent cervical carcinoma: a systematic review and meta-analysis. Archives of Medical Science, 2014, 2, 222-231.	0.9	13
137	Timeâ€“temperature-dependent response and analysis of preload relaxation in bolted composite joints. Journal of Reinforced Plastics and Composites, 2018, 37, 460-474.	3.1	13
138	A novel folding pathway of the villin headpiece subdomain HP35. Physical Chemistry Chemical Physics, 2019, 21, 18219-18226.	2.8	13
139	Downregulation of circ_0012152 inhibits proliferation and induces apoptosis in acute myeloid leukemia cells through the miRâ€625â€5p/SOX12 axis. Hematological Oncology, 2021, 39, 539-548.	1.7	13
140	Total membrane lipid assay (MLA): simple and practical quantification of exosomes based on efficient membrane-specific dyes unaffected by proteins. Materials Chemistry Frontiers, 2018, 2, 2130-2139.	5.9	12
141	Always-on and water-soluble rhodamine amide designed by positive charge effect and application in mitochondrion-targetable imaging of living cells. Sensors and Actuators B: Chemical, 2019, 286, 32-38.	7.8	12
142	Singlet relaxation dynamics and long triplet lifetimes of thiophene-coupled perylene diimides dyads: New insights for high efficiency organic solar cells. Chinese Chemical Letters, 2020, 31, 2965-2969.	9.0	12
143	Continuous Monitoring of Residual Torque of Loose Bolt in a Bolted Joint. Procedia Engineering, 2017, 188, 278-285.	1.2	11
144	Quantitatively monitoring oxygen variation in endoplasmic reticulum with a fluorophoreâ€“phosphor energy transfer cassette. Journal of Materials Chemistry B, 2018, 6, 1699-1705.	5.8	11

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145	Endocytosis-Mediated Replenishment of Amino Acids Favors Cancer Cell Proliferation and Survival in Chromophobe Renal Cell Carcinoma. Cancer Research, 2020, 80, 5491-5501.	0.9	11
146	Tumor-derived extracellular vesicles induce invalid cytokine release and exhaustion of CD19 CAR-T Cells. Cancer Letters, 2022, 536, 215668.	7.2	11
147	Some improvements on Sun-Chen's one-parameter plasticity model for fibrous composites (Part II:) Tj ETQq1 1 0.784314 rgBT /Overlock 533-545.	2.4	10
148	Effects of surface contact on the dynamic responses of delaminated composite plates. Composite Structures, 2019, 229, 111378.	5.8	10
149	Clinical and immunological features of platelet transfusion refractoriness in young patients with de novo acute myeloid leukemia. Cancer Medicine, 2020, 9, 4941-4948.	2.8	10
150	Haploidentical Transplantation with Modified Post-transplantation Cyclophosphamide for Patients with Primary Aplastic Anemia: A Multicenter Experience. Transplantation and Cellular Therapy, 2021, 27, 331.e1-331.e7.	1.2	10
151	TRIM31 promotes acute myeloid leukemia progression and sensitivity to daunorubicin through the Wnt/β-catenin signaling. Bioscience Reports, 2020, 40, .	2.4	10
152	Length-Dependent Deep Learning Model for RNA Secondary Structure Prediction. Molecules, 2022, 27, 1030.	3.8	10
153	Trisomy 8 is the Most Frequent Cytogenetic Abnormality in de novo Myelodysplastic Syndrome in China. Onkologie, 2012, 35, 100-106.	0.8	9
154	Decreased Mitochondrial DNA Content Drives OXPHOS Dysregulation in Chromophobe Renal Cell Carcinoma. Cancer Research, 2020, 80, 3830-3840.	0.9	9
155	Bearing failure in bolted composite joints: analytical tools development. Advanced Composite Materials, 2002, 11, 375-391.	1.9	8
156	A nucleus targetable fluorescent probe for ratiometric imaging of endogenous NO in living cells and zebrafishes. Analyst, The, 2021, 146, 4130-4134.	3.5	8
157	A multi-state progressive cohesive law for the prediction of unstable propagation and arrest of Mode-I delamination cracks in composite laminates. Engineering Fracture Mechanics, 2021, 248, 107684.	4.3	8
158	Chimeric Antigen Receptor-Modified T Cell Immunotherapy for Relapsed and Refractory Adult Burkitt Lymphoma. Frontiers in Immunology, 2022, 13, .	4.8	8
159	Bearing Deformation Behavior of Carbon/Bismaleimide Composites Containing One and Two Bolted Joints. Journal of Reinforced Plastics and Composites, 2003, 22, 169-182.	3.1	7
160	A New Concept for Structural Health Monitoring of Bolted Composite Joints. Key Engineering Materials, 2007, 334-335, 465-468.	0.4	7
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