

Yi Xiao

List of Publications by Year in descending order

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204
papers

15,512
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25034

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212
all docs

212
docs citations

212
times ranked

12546
citing authors

#	ARTICLE	IF	CITATIONS
1	Contact acoustic nonlinearity effect on the vibro-acoustic modulation of delaminated composite structures. <i>Mechanical Systems and Signal Processing</i> , 2022, 163, 108161.	8.0	22
2	DNA Aptamer-Cyanine Complexes as Generic Colorimetric Small-Molecule Sensors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
3	Forthrightly monitoring ferroptosis induced by endoplasmic reticulum stresses through fluorescence lifetime imaging of microviscosity increases with a specific rotor. <i>Chinese Chemical Letters</i> , 2022, 33, 2537-2540.	9.0	27
4	Length-Dependent Deep Learning Model for RNA Secondary Structure Prediction. <i>Molecules</i> , 2022, 27, 1030.	3.8	10
5	Case Report: Metagenomic Next-Generation Sequencing Can Contribute to the Diagnosis and Treatment of Disseminated Visceral Kaposi Sarcoma Following Allogeneic Haematopoietic Stem Cell Transplantation. <i>Frontiers in Oncology</i> , 2022, 12, 848976.	2.8	4
6	Epstein-Barr virus copy number in peripheral blood mononuclear cells predicts prognosis in diffuse large B cell lymphoma. <i>Leukemia and Lymphoma</i> , 2022, 63, 1589-1597.	1.3	1
7	CAR T-Cell Therapy for Relapsed/Refractory Diffuse Large B-Cell Lymphoma with Progressive Muscular Dystrophy: A Case Report. <i>OncoTargets and Therapy</i> , 2022, Volume 15, 361-366.	2.0	0
8	Tumor-derived extracellular vesicles induce invalid cytokine release and exhaustion of CD19 CAR-T Cells. <i>Cancer Letters</i> , 2022, 536, 215668.	7.2	11
9	Outcome of aggressive B-cell lymphoma with TP53 alterations administered with CAR T-cell cocktail alone or in combination with ASCT. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 101.	17.1	15
10	Sequential CAR T-Cell Therapy After Autologous Stem Cell Transplantation for the Treatment of Relapsed/Refractory Intravascular Large B-Cell Lymphoma With Central Nervous System Involvement: A Case Report. <i>Frontiers in Oncology</i> , 2022, 12, 817969.	2.8	2
11	Comparisons of Modified Post-Transplantation Cyclophosphamide and Granulocyte Colony-Stimulating Factor/Antithymocyte Globulin Regimens for Haploidentical Stem Cell Transplantation in Patients with Aplastic Anemia. <i>Transplantation and Cellular Therapy</i> , 2022, 28, 396.e1-396.e9.	1.2	3
12	Chimeric Antigen Receptor-Modified T Cell Immunotherapy for Relapsed and Refractory Adult Burkitt Lymphoma. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	8
13	Near-Infrared Dye-Aptamer Assay for Small Molecule Detection in Complex Specimens. <i>Analytical Chemistry</i> , 2022, 94, 10082-10090.	6.5	2
14	A novel chimeric antigen receptor redirecting T-cell specificity towards CD26+ cancer cells. <i>Leukemia</i> , 2021, 35, 119-129.	7.2	15
15	Fabrication of Aptamer-Modified Paper Electrochemical Devices for On-Site Biosensing. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2993-3000.	13.8	40
16	Cyclohexetal Xanthene Dyes: A New Class of Near-Infrared Fluorophores for Super-Resolution Imaging of Live Cells. <i>Chemistry - A European Journal</i> , 2021, 27, 3688-3693.	3.3	23
17	Hsa_circ_0002483 regulates miR-758/p/MYC axis to promote acute myeloid leukemia progression. <i>Hematological Oncology</i> , 2021, 39, 243-253.	1.7	19
18	CAR19/22 T cell therapy in adult refractory Burkitt's lymphoma. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2379-2384.	4.2	17

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19	A nucleus targetable fluorescent probe for ratiometric imaging of endogenous NO in living cells and zebrafishes. <i>Analyst</i> , The, 2021, 146, 4130-4134.	3.5	8
20	Dihydro-Si-rhodamine for live-cell localization microscopy. <i>Chemical Communications</i> , 2021, 57, 7553-7556.	4.1	4
21	A Phase I Study of a Novel Fully Human BCMA-Targeting CAR (CT103A) in Patients with Relapsed/Refractory Multiple Myeloma. <i>Blood</i> , 2021, 137, 2890-2901.	1.4	100
22	Isolation of Natural DNA Aptamers for Challenging Small-Molecule Targets, Cannabinoids. <i>Analytical Chemistry</i> , 2021, 93, 3172-3180.	6.5	44
23	Advances and Challenges in Small-Molecule DNA Aptamer Isolation, Characterization, and Sensor Development. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16800-16823.	13.8	198
24	A phase I study of anti-BCMA CAR T cell therapy in relapsed/refractory multiple myeloma and plasma cell leukemia. <i>Clinical and Translational Medicine</i> , 2021, 11, e346.	4.0	35
25	Anticancer effects of 7,8-dihydromethysticin in human leukemia cells are mediated via cell-cycle dysregulation, inhibition of cell migration and invasion and targeting JAK/STAT pathway. <i>Acta Pharmaceutica</i> , 2021, 71, 645-655.	2.0	1
26	Aptamer-Integrated Multianalyte-Detecting Paper Electrochemical Device. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17330-17339.	8.0	15
27	Haploidentical Transplantation with Modified Post-transplantation Cyclophosphamide for Patients with Primary Aplastic Anemia: A Multicenter Experience. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 331.e1-331.e7.	1.2	10
28	Circ_0009910 shuttled by exosomes regulates proliferation, cell cycle and apoptosis of acute myeloid leukemia cells by regulating miR-195/p/GRB10 axis. <i>Hematological Oncology</i> , 2021, 39, 390-400.	1.7	34
29	Clinical and genetic features of Epstein-Barr virus-triggered late-onset primary hemophagocytic lymphohistiocytosis: Ten pedigrees study. <i>Clinical and Translational Medicine</i> , 2021, 11, e393.	4.0	1
30	TP53-Mutated Circulating Tumor DNA for Disease Monitoring in Lymphoma Patients after CAR T Cell Therapy. <i>Diagnostics</i> , 2021, 11, 844.	2.6	2
31	A multi-state progressive cohesive law for the prediction of unstable propagation and arrest of Mode-I delamination cracks in composite laminates. <i>Engineering Fracture Mechanics</i> , 2021, 248, 107684.	4.3	8
32	Downregulation of circ_0012152 inhibits proliferation and induces apoptosis in acute myeloid leukemia cells through the miR-625/p/SOX12 axis. <i>Hematological Oncology</i> , 2021, 39, 539-548.	1.7	13
33	MYC/BCL2/BCL6 triple hit and TP53 deletion in a case of high-grade B cell lymphoma receiving CAR T cell immunotherapy. , 2021, 9, e002029.		4
34	Learning the Fastest RNA Folding Path Based on Reinforcement Learning and Monte Carlo Tree Search. <i>Molecules</i> , 2021, 26, 4420.	3.8	3
35	Modeling of the Long-Term Epidemic Dynamics of COVID-19 in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7594.	2.6	5
36	Sequential CD19/22 CAR T-cell immunotherapy following autologous stem cell transplantation for central nervous system lymphoma. <i>Blood Cancer Journal</i> , 2021, 11, 131.	6.2	28

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37	CD19/CD22 Chimeric Antigen Receptor T Cell Cocktail Therapy following Autologous Transplantation in Patients with Relapsed/Refractory Aggressive B Cell Lymphomas. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 910.e1-910.e11.	1.2	26
38	Characterization and modeling of the ratcheting behavior of unidirectional off-axis composites. <i>Composite Structures</i> , 2021, 273, 114305.	5.8	6
39	Immobilization Strategies for Enhancing Sensitivity of Electrochemical Aptamer-Based Sensors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9491-9499.	8.0	57
40	Accelerating Post-SELEX Aptamer Engineering Using Exonuclease Digestion. <i>Journal of the American Chemical Society</i> , 2021, 143, 805-816.	13.7	56
41	Viral infection/reactivation during long-term follow-up in multiple myeloma patients with anti-BCMA CAR therapy. <i>Blood Cancer Journal</i> , 2021, 11, 168.	6.2	24
42	Outcomes of Relapsed/Refractory Aggressive B-Cell Non-Hodgkin Lymphoma (r/r B-NHL) Patients with TP53 Gene Disruption Treated with CD19/22 Cocktail CAR T-Cell Therapy Alone or Incorporated with Autologous Stem Cell Transplantation (ASCT). <i>Blood</i> , 2021, 138, 94-94.	1.4	1
43	Platinum-Nanoparticle-Modified Single-Walled Carbon Nanotube-Laden Paper Electrodes for Electrocatalytic Oxidation of Methanol. <i>ACS Applied Nano Materials</i> , 2021, 4, 13798-13806.	5.0	6
44	Circ-SFMBT2 facilitates the malignant growth of acute myeloid leukemia cells by modulating miR-582-3p/ZBTB20 pathway. <i>Histology and Histopathology</i> , 2021, , 18398.	0.7	5
45	A detailed finite element analysis of composite bolted joint dynamics with multiscale modeling of contacts between rough surfaces. <i>Composite Structures</i> , 2020, 236, 111874.	5.8	20
46	Comparison of chronic myeloid leukemia stem cells and hematopoietic stem cells by global proteomic analysis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 362-367.	2.1	7
47	Ratiometric sensing lysosomal pH in inflammatory macrophages by a BODIPY-rhodamine dyad with restrained FRET. <i>Chinese Chemical Letters</i> , 2020, 31, 1091-1094.	9.0	40
48	Characterization and modeling of the creep behavior of fiber composites with tension and compression asymmetry. <i>International Journal of Mechanical Sciences</i> , 2020, 170, 105340.	6.7	14
49	Long-term outcomes of relapsed/refractory double-hit lymphoma (r/r DHL) treated with CD19/22 CAR T-cell cocktail therapy. <i>Clinical and Translational Medicine</i> , 2020, 10, e176.	4.0	14
50	Label-free profiling of DNA aptamer-small molecule binding using T5 exonuclease. <i>Nucleic Acids Research</i> , 2020, 48, e120-e120.	14.5	25
51	Decreased Mitochondrial DNA Content Drives OXPHOS Dysregulation in Chromophobe Renal Cell Carcinoma. <i>Cancer Research</i> , 2020, 80, 3830-3840.	0.9	9
52	CAR T-Cell Therapy Is Effective but Not Long-Lasting in B-Cell Lymphoma of the Brain. <i>Frontiers in Oncology</i> , 2020, 10, 1306.	2.8	32
53	Endocytosis-Mediated Replenishment of Amino Acids Favors Cancer Cell Proliferation and Survival in Chromophobe Renal Cell Carcinoma. <i>Cancer Research</i> , 2020, 80, 5491-5501.	0.9	11
54	Clinical and immunological features of platelet transfusion refractoriness in young patients with de novo acute myeloid leukemia. <i>Cancer Medicine</i> , 2020, 9, 4941-4948.	2.8	10

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55	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
56	Influence of creep on preload relaxation of bolted composite joints: Modeling and numerical simulation. Composite Structures, 2020, 245, 112332.	5.8	17
57	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
58	A stress-relaxation approach to determine onset of delamination in angle ply laminates. Journal of Composite Materials, 2020, 54, 2521-2527.	2.4	1
59	Tuning Biosensor Cross-Reactivity Using Aptamer Mixtures. Analytical Chemistry, 2020, 92, 5041-5047.	6.5	22
60	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
61	CD19/CD22 CAR-T Cell Cocktail Therapy Following Autologous Transplantation in Patients with Relapsed/Refractory B-Cell Lymphomas. Blood, 2020, 136, 11-11.	1.4	2
62	Entecavir prophylaxis for hepatitis B virus reactivation in patients with CAR T-cell therapy. Blood, 2020, 136, 516-519.	1.4	25
63	TRIM31 promotes acute myeloid leukemia progression and sensitivity to daunorubicin through the Wnt/ β^2 -catenin signaling. Bioscience Reports, 2020, 40, .	2.4	10
64	Anti CD19/22 Cocktail CAR T-Cell Therapy Can Improve the Outcomes of Patients with TP53-Mutated Relapsed/Refractory B-Cell Lymphoma. Blood, 2020, 136, 43-43.	1.4	0
65	Inhibition of human leukemia cells growth by juglone is mediated via autophagy induction, endogenous ROS production, and inhibition of cell migration and invasion. Jbuon, 2020, 25, 1600-1606.	0.3	1
66	Davanone terpenoid inhibits cisplatin-resistant acute myeloid leukemia cancer cell growth by inducing caspase-dependent apoptosis, loss of mitochondrial membrane potential, inhibition of cell migration and invasion and targeting PI3K/AKT/MAPK signalling pathway. Jbuon, 2020, 25, 1607-1613.	0.3	3
67	A novel folding pathway of the villin headpiece subdomain HP35. Physical Chemistry Chemical Physics, 2019, 21, 18219-18226.	2.8	13
68	New trends of molecular probes based on the fluorophore 4-amino-1,8-naphthalimide. Chinese Chemical Letters, 2019, 30, 1799-1808.	9.0	48
69	Universal Design of Structure-Switching Aptamers with Signal Reporting Functionality. Analytical Chemistry, 2019, 91, 14514-14521.	6.5	25
70	Inflammatory signatures for quick diagnosis of life-threatening infection during the CAR T-cell therapy. , 2019, 7, 271.		45
71	Perspective on the Future Role of Aptamers in Analytical Chemistry. Analytical Chemistry, 2019, 91, 15335-15344.	6.5	89
72	Innovative engineering and sensing strategies for aptamer-based small-molecule detection. TrAC - Trends in Analytical Chemistry, 2019, 121, 115699.	11.4	102

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73	Effects of surface contact on the dynamic responses of delaminated composite plates. <i>Composite Structures</i> , 2019, 229, 111378.	5.8	10
74	The Impact of Tyrosine Kinase Inhibitors on Chronic Myeloid Leukemia Stem Cells and the Implication in Discontinuation. <i>Stem Cells and Development</i> , 2019, 28, 1480-1485.	2.1	4
75	Always-on and water-soluble rhodamine amide designed by positive charge effect and application in mitochondrion-targetable imaging of living cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 32-38.	7.8	12
76	Amino-acid ester derived perylene diimides electron acceptor materials: An efficient strategy for green-solvent-processed organic solar cells. <i>Dyes and Pigments</i> , 2019, 164, 384-389.	3.7	23
77	Tumor Necrosis Factor Receptor Type 1-Associated Death Domain Protein Is a Potential Prognostic Biomarker in Acute Myeloid Leukemia. <i>American Journal of the Medical Sciences</i> , 2019, 357, 111-115.	1.1	3
78	Constructing a donor-acceptor linear-conjugation structure for heterologous perylene diimides to greatly improve the photovoltaic performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 835-842.	5.5	19
79	A novel family of AIE-active meso-2-ketopyrrolyl BODIPYs: bright solid-state red fluorescence, morphological properties and application as viscosimeters in live cells. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1823-1832.	5.9	33
80	Label-Free, Visual Detection of Small Molecules Using Highly Target-Responsive Multimodule Split Aptamer Constructs. <i>Analytical Chemistry</i> , 2019, 91, 7199-7207.	6.5	53
81	Immobilizable fluorescent probes for monitoring the mitochondria microenvironment: a next step from the classic. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2749-2758.	5.8	61
82	In vitro isolation of class-specific oligonucleotide-based small-molecule receptors. <i>Nucleic Acids Research</i> , 2019, 47, e71-e71.	14.5	50
83	Continuous monitoring of tightening condition of single-lap bolted composite joints using intrinsic mode functions of acoustic emission signals: a proof-of-concept study. <i>Structural Health Monitoring</i> , 2019, 18, 1219-1234.	7.5	14
84	Effects of contact between rough surfaces on the dynamic responses of bolted composite joints: Multiscale modeling and numerical simulation. <i>Composite Structures</i> , 2019, 211, 13-23.	5.8	34
85	A targetable fluorescent probe for dSTORM super-resolution imaging of live cell nucleus DNA. <i>Chemical Communications</i> , 2019, 55, 1951-1954.	4.1	28
86	Modeling of nonlinear response in loading-unloading tests for fibrous composites under tension and compression. <i>Composite Structures</i> , 2019, 207, 894-908.	5.8	19
87	Quantitatively monitoring oxygen variation in endoplasmic reticulum with a fluorophore-phosphor energy transfer cassette. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1699-1705.	5.8	11
88	Time-temperature-dependent response and analysis of preload relaxation in bolted composite joints. <i>Journal of Reinforced Plastics and Composites</i> , 2018, 37, 460-474.	3.1	13
89	In vitro isolation of small-molecule-binding aptamers with intrinsic dye-displacement functionality. <i>Nucleic Acids Research</i> , 2018, 46, e43-e43.	14.5	39
90	Dithiothreitol-Regulated Coverage of Oligonucleotide-Modified Gold Nanoparticles To Achieve Optimized Biosensor Performance. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4233-4242.	8.0	25

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91	Sensitive Detection of Small-Molecule Targets Using Cooperative Binding Split Aptamers and Enzyme-Assisted Target Recycling. <i>Analytical Chemistry</i> , 2018, 90, 1748-1758.	6.5	31
92	Introducing structure-switching functionality into small-molecule-binding aptamers via nuclease-directed truncation. <i>Nucleic Acids Research</i> , 2018, 46, e81-e81.	14.5	51
93	An efficient finite element method for computing modal damping of laminated composites: Theory and experiment. <i>Composite Structures</i> , 2018, 184, 728-741.	5.8	34
94	Contact acoustic nonlinearity (CAN)-based continuous monitoring of bolt loosening: Hybrid use of high-order harmonics and spectral sidebands. <i>Mechanical Systems and Signal Processing</i> , 2018, 103, 280-294.	8.0	88
95	Total membrane lipid assay (MLA): simple and practical quantification of exosomes based on efficient membrane-specific dyes unaffected by proteins. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2130-2139.	5.9	12
96	Anti-BCMA CAR-T cells for treatment of plasma cell dyscrasia: case report on POEMS syndrome and multiple myeloma. <i>Journal of Hematology and Oncology</i> , 2018, 11, 128.	17.0	41
97	No Structure-Switching Required: A Generalizable Exonuclease-Mediated Aptamer-Based Assay for Small-Molecule Detection. <i>Journal of the American Chemical Society</i> , 2018, 140, 9961-9971.	13.7	62
98	Targetable, two-photon fluorescent probes for local nitric oxide capture in the plasma membranes of live cells and brain tissues. <i>Analyst</i> , 2018, 143, 4180-4188.	3.5	39
99	Two-photon excitable red fluorophores for imaging living cells. <i>Dyes and Pigments</i> , 2018, 149, 851-857.	3.7	4
100	CAR22/19 Cocktail Therapy for Patients with Refractory/Relapsed B-Cell Malignancies. <i>Blood</i> , 2018, 132, 1408-1408.	1.4	19
101	Sequential Infusion of Anti-CD22 and Anti-CD19 Chimeric Antigen Receptor T Cells Following Autologous HSCT in Patients with B-NHL. <i>Blood</i> , 2018, 132, 2054-2054.	1.4	2
102	Anti-PD-1 therapy for clinical treatment of lymphoma: a single-arm meta-analysis. <i>Oncotarget</i> , 2018, 9, 35343-35355.	1.8	7
103	Some improvements on Sun-Chen's one-parameter plasticity model for fibrous composites (Part I: Constitutive modelling for tension-compression asymmetry response. <i>Journal of Composite Materials</i> , 2017, 51, 405-418.	2.4	16
104	Some improvements on Sun-Chen's one-parameter plasticity model for fibrous composites (Part II: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 533-545.	2.4	10
105	Cyclic electron flow may provide some protection against PSII photoinhibition in rice (<i>Oryza sativa</i> L.) leaves under heat stress. <i>Journal of Plant Physiology</i> , 2017, 211, 138-146.	3.5	39
106	Clonal cytogenetic abnormalities are predictor in developing non-Hodgkin lymphomas?. <i>Experimental and Molecular Pathology</i> , 2017, 102, 146-155.	2.1	1
107	A Broadly Applicable Assay for Rapidly and Accurately Quantifying DNA Surface Coverage on Diverse Particles. <i>Bioconjugate Chemistry</i> , 2017, 28, 933-943.	3.6	6
108	Vibro-acoustic modulation (VAM)-inspired structural integrity monitoring and its applications to bolted composite joints. <i>Composite Structures</i> , 2017, 176, 505-515.	5.8	44

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109	MicroRNA 217 inhibits cell proliferation and enhances chemosensitivity to doxorubicin in acute myeloid leukemia by targeting KRAS. <i>Oncology Letters</i> , 2017, 13, 4986-4994.	1.8	40
110	Kinetic Modeling of Photorespiration. <i>Methods in Molecular Biology</i> , 2017, 1653, 203-216.	0.9	2
111	Experimental and numerical investigation on in-plane compression and shear performance of a pultruded GFRP composite bridge deck. <i>Composite Structures</i> , 2017, 180, 914-932.	5.8	43
112	Continuous Monitoring of Residual Torque of Loose Bolt in a Bolted Joint. <i>Procedia Engineering</i> , 2017, 188, 278-285.	1.2	11
113	Components of mesophyll resistance and their environmental responses: A theoretical modelling analysis. <i>Plant, Cell and Environment</i> , 2017, 40, 2729-2742.	5.7	38
114	A cooperative-binding split aptamer assay for rapid, specific and ultra-sensitive fluorescence detection of cocaine in saliva. <i>Chemical Science</i> , 2017, 8, 131-141.	7.4	89
115	ePlant for quantitative and predictive plant science research in the big data era – Lay the foundation for the future model guided crop breeding, engineering and agronomy. <i>Quantitative Biology</i> , 2017, 5, 260-271.	0.5	18
116	Sequential Infusion of Anti-CD22 and Anti-CD19 Chimeric Antigen Receptor T Cells for Adult Patients with Refractory/Relapsed B-Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2017, 130, 846-846.	1.4	14
117	miR-223 decreases cell proliferation and enhances cell apoptosis in acute myeloid leukemia via targeting FBXW7. <i>Oncology Letters</i> , 2016, 12, 3531-3536.	1.8	41
118	The influence of leaf anatomy on the internal light environment and photosynthetic electron transport rate: exploration with a new leaf ray tracing model. <i>Journal of Experimental Botany</i> , 2016, 67, 6021-6035.	4.8	102
119	Rapid, Surfactant-Free, and Quantitative Functionalization of Gold Nanoparticles with Thiolated DNA under Physiological pH and Its Application in Molecular Beacon-Based Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27298-27304.	8.0	32
120	Quantitative evaluation of residual torque of a loose bolt based on wave energy dissipation and vibro-acoustic modulation: A comparative study. <i>Journal of Sound and Vibration</i> , 2016, 383, 156-170.	3.9	73
121	Transcriptome response of cassava leaves under natural shade. <i>Scientific Reports</i> , 2016, 6, 31673.	3.3	43
122	The effect of embedded devices on structural integrity of composite laminates. <i>Composite Structures</i> , 2016, 153, 21-29.	5.8	16
123	Paper-Based Device for Rapid Visualization of NADH Based on Dissolution of Gold Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15023-15030.	8.0	43
124	Nanoprobe-Enhanced, Split Aptamer-Based Electrochemical Sandwich Assay for Ultrasensitive Detection of Small Molecules. <i>Analytical Chemistry</i> , 2015, 87, 7712-7719.	6.5	50
125	Measurement and analysis of laser generated Rayleigh and Lamb waves considering its pulse duration. <i>Acta Mechanica Solida Sinica</i> , 2015, 28, 441-452.	1.9	4
126	Ambient Filtration Method To Rapidly Prepare Highly Conductive, Paper-Based Porous Gold Films for Electrochemical Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27049-27058.	8.0	29

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127	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
128	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
129	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
130	A Label-Free Aptamer-Fluorophore Assembly for Rapid and Specific Detection of Cocaine in Biofluids. Analytical Chemistry, 2014, 86, 11100-11106.	6.5	95
131	Amplified Single Base-Pair Mismatch Detection via Aggregation of Exonuclease-Sheared Gold Nanoparticles. Analytical Chemistry, 2014, 86, 3461-3467.	6.5	38
132	Self-Assembled DNA Monolayer Buffered Dynamic Ranges of Mercuric Electrochemical Sensor. Analytical Chemistry, 2013, 85, 7574-7580.	6.5	53
133	Controlling the function of DNA nanostructures with specific trigger sequences. Chemical Communications, 2013, 49, 397-399.	4.1	6
134	<i>In Vitro</i> Selection of Shape-Changing DNA Nanostructures Capable of Binding-Induced Cargo Release. ACS Nano, 2013, 7, 9675-9683.	14.6	26
135	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
136	Trisomy 8 is the Most Frequent Cytogenetic Abnormality in de novo Myelodysplastic Syndrome in China. Onkologie, 2012, 35, 100-106.	0.8	9
137	Combination of cytogenetic analysis and molecular screening in patients with de novo acute myeloid leukemia. Journal of Huazhong University of Science and Technology [Medical Sciences], 2012, 32, 501-510.	1.0	1
138	Electrochemical DNA three-way junction based sensor for distinguishing chiral metallo-supramolecular complexes. Chemical Communications, 2012, 48, 6900.	4.1	26
139	Improving Aptamer Selection Efficiency through Volume Dilution, Magnetic Concentration, and Continuous Washing in Microfluidic Channels. Analytical Chemistry, 2011, 83, 6883-6889.	6.5	60
140	Measurement of Aptamer-Protein Interactions with Back-Scattering Interferometry. Analytical Chemistry, 2011, 83, 8867-8870.	6.5	37
141	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
142	Mosaic trisomy 21 and trisomy 14 as acquired cytogenetic abnormalities without GATA1 mutation in a pediatric non-down syndrome acute megakaryoblastic leukemia. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2011, 23, 239-241.	2.2	0
143	Polarity-Switching Electrochemical Sensor for Specific Detection of Single-Nucleotide Mismatches. Angewandte Chemie - International Edition, 2011, 50, 11176-11180.	13.8	51
144	Two-Step, PCR-Free Telomerase Detection by Using Exonuclease III-Aided Target Recycling. ChemBioChem, 2011, 12, 2745-2747.	2.6	48

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145	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
146	Probing the Limits of Aptamer Affinity with a Microfluidic SELEX Platform. PLoS ONE, 2011, 6, e27051.	2.5	90
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