

# Xiaofeng Dai

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/154834/xiaofeng-dai-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

139 papers	3,270 citations	29 h-index	52 g-index
152 ext. papers	4,554 ext. citations	6.5 avg, IF	6.27 L-index

#	Paper	IF	Citations
139	Lysine Acetylation, Cancer Hallmarks and Emerging Onco-Therapeutic Opportunities.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	2
138	Mechanisms of atmospheric pressure plasma protection of neuronal cells under simulated ischemic stroke conditions. <i>AIP Advances</i> , <b>2022</b> , 12, 025114	1.5	2
137	In-package plasma: From reactive chemistry to innovative food preservation technologies. <i>Trends in Food Science and Technology</i> , <b>2022</b> , 120, 59-74	15.3	2
136	Hsa_circRNA_0040462: a sensor of cellsResponse to CAP treatment with double-edged roles on breast cancer malignancy.. <i>International Journal of Medical Sciences</i> , <b>2022</b> , 19, 640-650	3.7	0
135	Cold atmospheric plasma for preventing infection of viruses that use ACE2 for entry.. <i>Theranostics</i> , <b>2022</b> , 12, 2811-2832	12.1	2
134	When Onco-Immunotherapy Meets Cold Atmospheric Plasma: Implications on CAR-T Therapies.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 837995	5.3	1
133	Inhalation of Atmospheric-Pressure Gas Plasma Attenuates Brain Infarction in Rats With Experimental Ischemic Stroke.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 875053	5.1	
132	In-situ engineered heterostructured nickel tellur-selenide nanosheets for robust overall water splitting. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 137297	14.7	0
131	Histone lactylation: epigenetic mark of glycolytic switch. <i>Trends in Genetics</i> , <b>2021</b> ,	8.5	3
130	Long-lived species in plasma-activated water generated by an AC multi-needle-to-water discharge: effects of gas flow on chemical reactions. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 065201	3	27
129	Utilization of plasma in water desalination and purification. <i>Desalination</i> , <b>2021</b> , 500, 114903	10.3	7
128	SNRPD1 confers diagnostic and therapeutic values on breast cancers through cell cycle regulation. <i>Cancer Cell International</i> , <b>2021</b> , 21, 229	6.4	3
127	Atmospheric-pressure non-equilibrium plasmas for effective abatement of pathogenic biological aerosols. <i>Plasma Sources Science and Technology</i> , <b>2021</b> , 30, 053001	3.5	7
126	Plasma Robot Engineering: The Next Generation of Precision Disease Management. <i>Annals of Biomedical Engineering</i> , <b>2021</b> , 49, 1593-1597	4.7	2
125	Epithelial-to-Mesenchymal Transition Enhances Cancer Cell Sensitivity to Cytotoxic Effects of Cold Atmospheric Plasmas in Breast and Bladder Cancer Systems. <i>Cancers</i> , <b>2021</b> , 13,	6.6	9
124	Programmed cell death, redox imbalance, and cancer therapeutics. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2021</b> , 26, 385-414	5.4	3
123	Controllable synthesis of WS <sub>2</sub> (1-x)Se <sub>2x</sub> monolayers with fast photoresponse by a facile chemical vapor deposition strategy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2021</b> , 269, 115176	3.1	2

122	Plasma-activated medium induces apoptosis in chemotherapy-resistant ovarian cancer cells: High selectivity and synergy with carboplatin. <i>Plasma Processes and Polymers</i> , <b>2021</b> , 18, 2100074	3.4	9
121	Plasmacatalytic bubbles using CeO <sub>2</sub> for organic pollutant degradation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 403, 126413	14.7	38
120	Underwater microplasma bubbles for efficient and simultaneous degradation of mixed dye pollutants. <i>Science of the Total Environment</i> , <b>2021</b> , 750, 142295	10.2	19
119	ACPS: An accurate bioinformatics tool for precision-based anti-cancer peptide generation via omics data. <i>Chemical Biology and Drug Design</i> , <b>2021</b> , 97, 372-382	2.9	2
118	Degradation of cefixime antibiotic in water by atmospheric plasma bubbles: Performance, degradation pathways and toxicity evaluation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 127730	14.7	19
117	Expanding virus susceptibility spectrum of MDBK cells by expressing host receptors nectin 4 and TfR. <i>Journal of Virological Methods</i> , <b>2021</b> , 289, 114038	2.6	1
116	Microbial decontamination of chicken using atmospheric plasma bubbles. <i>Plasma Processes and Polymers</i> , <b>2021</b> , 18, 2000052	3.4	7
115	A-CaMP: a tool for anti-cancer and antimicrobial peptide generation. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 285-293	3.6	6
114	Cold atmospheric plasma selectively induces G/G cell cycle arrest and apoptosis in AR-independent prostate cancer cells. <i>Journal of Cancer</i> , <b>2021</b> , 12, 5977-5986	4.5	6
113	FGFR1 Is Associated With Tamoxifen Resistance and Poor Prognosis of ER-Positive Breast Cancers by Suppressing ER Protein Expression. <i>Technology in Cancer Research and Treatment</i> , <b>2021</b> , 20, 15330338211004935	2.7	1
112	Controllable synthesis of SnS <sub>2</sub> flakes and MoS <sub>2</sub> /SnS <sub>2</sub> heterostructures by confined-space chemical vapor deposition. <i>CrystEngComm</i> , <b>2021</b> , 23, 2563-2571	3.3	3
111	Sustainable plasma-catalytic bubbles for hydrogen peroxide synthesis. <i>Green Chemistry</i> , <b>2021</b> , 23, 2977-2985	2.8	11
110	Enables Cells with the Suspension Cultivation Feature. <i>ACS Synthetic Biology</i> , <b>2021</b> , 10, 309-317	5.7	0
109	Cancer stem cell transcriptome landscape reveals biomarkers driving breast carcinoma heterogeneity. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 186, 89-98	4.4	3
108	Methylation multiplicity and its clinical values in cancer. <i>Expert Reviews in Molecular Medicine</i> , <b>2021</b> , 23, e2	6.7	6
107	Future antiviral polymers by plasma processing. <i>Progress in Polymer Science</i> , <b>2021</b> , 118, 101410	29.6	9
106	CoronaPep: An Anti-Coronavirus Peptide Generation Tool. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2021</b> , 18, 1299-1304	3	2
105	Cold atmospheric plasma increases IBRV titer in MDBK cells by orchestrating the host cell network. <i>Virulence</i> , <b>2021</b> , 12, 679-689	4.7	3

104	Interactions of plasma-activated water with biofilms: inactivation, dispersal effects and mechanisms of action. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 11	8.2	25
103	Nanotheranostic Applications for Detection and Targeting Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 305	5.1	19
102	Atmospheric-pressure plasma seawater desalination: Clean energy, agriculture, and resource recovery nexus for a blue planet. <i>Sustainable Materials and Technologies</i> , <b>2020</b> , 25, e00181	5.3	2
101	Nanomaterials for oncotherapies targeting the hallmarks of cancer. <i>Nanotechnology</i> , <b>2020</b> , 31, 392001	3.4	6
100	Plasma-activated water: generation, origin of reactive species and biological applications. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 303001	3	129
99	Host receptors: the key to establishing cells with broad viral tropism for vaccine production. <i>Critical Reviews in Microbiology</i> , <b>2020</b> , 46, 147-168	7.8	13
98	Pen: A novel plasma source for cancer treatment. <i>Journal of Cancer</i> , <b>2020</b> , 11, 2273-2282	4.5	17
97	Epidemiological and clinical characteristics of 671 COVID-19 patients in Henan Province, China. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 1085-1095	7.8	11
96	Surface plasma discharges for the preservation of fresh-cut apples: microbial inactivation and quality attributes. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 174003	3	7
95	Orchestrated efforts on host network hijacking: Processes governing virus replication. <i>Virulence</i> , <b>2020</b> , 11, 183-198	4.7	8
94	Retraction Note to: Comparative analysis of the <i>Corynebacterium glutamicum</i> transcriptome in response to changes in dissolved oxygen levels. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2020</b> , 47, 355	4.2	
93	Modulating cancer stemness provides luminal a breast cancer cells with HER2 positive-like features. <i>Journal of Cancer</i> , <b>2020</b> , 11, 1162-1169	4.5	10
92	A comparative chemogenic analysis for predicting Drug-Target Pair via Machine Learning Approaches. <i>Scientific Reports</i> , <b>2020</b> , 10, 6870	4.9	9
91	ABO blood group predisposes to COVID-19 severity and cardiovascular diseases. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 1436-1437	3.9	74
90	WeiBI (web-based platform): Enriching integrated interaction network with increased coverage and functional proteins from genome-wide experimental OMICS data. <i>Scientific Reports</i> , <b>2020</b> , 10, 5618	4.9	1
89	Systems Biology Integration and Screening of Reliable Prognostic Markers to Create Synergies in the Control of Lung Cancer Patients. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 47	5.6	8
88	Robust Biomarker Screening Using Spares Learning Approach for Liver Cancer Prognosis. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 241	5.8	2
87	Innovative Precision Gene-Editing Tools in Personalized Cancer Medicine. <i>Advanced Science</i> , <b>2020</b> , 7, 1902552	13.6	5

86	Identification of Symptoms Prognostic of COVID-19 Severity: Multivariate Data Analysis of a Case Series in Henan Province. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e19636	7.6	29
85	Large-scale ion generation for precipitation of atmospheric aerosols. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 11717-11727	6.8	10
84	Genetic interactions between INPP4B and RAD50 is prognostic of breast cancer survival. <i>Bioscience Reports</i> , <b>2020</b> , 40,	4.1	1
83	Hierarchical porous bimetal-sulfide bi-functional nanocatalysts for hydrogen production by overall water electrolysis. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 426-435	9.3	19
82	RNA: interactions drive functionalities. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 1413-1434	2.8	16
81	CytoMegaVirus Infection Database: A Public Omics Database for Systematic and Comparable Information of CMV. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2020</b> , 12, 169-177	3.5	8
80	Plasma-heteroatom-doped Ni-V-Fe trimetallic phospho-nitride as high-performance bifunctional electrocatalyst. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 268, 118440	21.8	30
79	ELMO: An Efficient Logistic Regression-Based Multi-Omic Integrated Analysis Method for Breast Cancer Intrinsic Subtypes. <i>IEEE Access</i> , <b>2020</b> , 8, 5121-5130	3.5	2
78	Polyvinylidene Fluoride-Added Ceramic Powder Composite Near-Field Electrospun Piezoelectric Fiber-Based Low-Frequency Dynamic Sensors. <i>ACS Omega</i> , <b>2020</b> , 5, 17090-17101	3.9	9
77	Cold Atmospheric Plasma: A Promising Controller of Cancer Cell States. <i>Cancers</i> , <b>2020</b> , 12,	6.6	23
76	Future antiviral surfaces: Lessons from COVID-19 pandemic. <i>Sustainable Materials and Technologies</i> , <b>2020</b> , 25, e00203	5.3	41
75	Canine parvovirus induces G1/S cell cycle arrest that involves EGFR Tyr1086 phosphorylation. <i>Virulence</i> , <b>2020</b> , 11, 1203-1214	4.7	2
74	Chemo-Radiative Stress of Plasma as a Modulator of Charge-Dependent Nanodiamond Cytotoxicity.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 7202-7210	4.1	
73	Dosing: The key to precision plasma oncology. <i>Plasma Processes and Polymers</i> , <b>2020</b> , 17, 1900178	3.4	12
72	Nanocarbon-Enhanced 2D Photoelectrodes: A New Paradigm in Photoelectrochemical Water Splitting. <i>Nano-Micro Letters</i> , <b>2020</b> , 13, 24	19.5	28
71	Pan-Cancer Analysis and Drug Formulation for GPR139 and GPR142. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 521245	5.6	1
70	Globally ncRNAs Expression Profiling of TNBC and Screening of Functional lncRNA. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 523127	5.8	4
69	An integrative view on breast cancer signature panels. <i>Expert Review of Molecular Diagnostics</i> , <b>2019</b> , 19, 715-724	3.8	1

68	High-Performance Plasma-Enabled Biorefining of Microalgae to Value-Added Products. <i>ChemSusChem</i> , <b>2019</b> , 12, 4976-4985	8.3	18
67	Template-Directed Bifunctional Dodecahedral CoP/CN@MoS Electro catalyst for High Efficient Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 36649-36657	9.5	45
66	The Emerging Role of Major Regulatory RNAs in Cancer Control. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 920	5.3	26
65	Prussian blue analogue nanoenzymes mitigate oxidative stress and boost bio-fermentation. <i>Nanoscale</i> , <b>2019</b> , 11, 19497-19505	7.7	9
64	Two-Dimensional Alloying Molybdenum Tin Disulfide Monolayers with Fast Photoresponse. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 39077-39087	9.5	14
63	2D boron dichalcogenides from the substitution of Mo with ionic B2 pair in MoX <sub>2</sub> (X = S, Se and Te): high stability, large excitonic effect and high charge carrier mobility. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 1651-1658	7.1	11
62	Transition metal dichalcogenides bilayer single crystals by reverse-flow chemical vapor epitaxy. <i>Nature Communications</i> , <b>2019</b> , 10, 598	17.4	69
61	Low Hysteresis Perovskite Solar Cells Using an Electron-Beam Evaporated WO <sub>3</sub> Thin Film as the Electron Transport Layer. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 5456-5464	6.1	32
60	FOXA1 is Prognostic of Triple Negative Breast Cancers by Transcriptionally Suppressing and. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 1030-1041	11.2	9
59	Microplasma Bubbles: Reactive Vehicles for Biofilm Dispersal. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20660-20669	9.5	45
58	ZIF-Derived Carbon Nanoarchitecture as a Bifunctional pH-Universal Electro catalyst for Energy-Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 10044-10051	8.3	40
57	Theoretical discovery of Dirac half metal in experimentally synthesized two dimensional metal semiquinoid frameworks. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 5792-5796	7.1	13
56	Scalable Production of Few-Layer Niobium Disulfide Nanosheets via Electrochemical Exfoliation for Energy-Efficient Hydrogen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 13205-13213	9.5	38
55	Interface Coupling of Ni <sub>2</sub> Co Layered Double Hydroxide Nanowires and Cobalt-Based Zeolite Organic Frameworks for Efficient Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 8255-8264	8.3	25
54	Plasma Activated Oil: Fast Production, Reactivity, Stability, and Wound Healing Application. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 1611-1622	5.5	22
53	Effect of multi-modal environmental stress on dose-dependent cytotoxicity of nanodiamonds in <i>Saccharomyces cerevisiae</i> cells. <i>Sustainable Materials and Technologies</i> , <b>2019</b> , 22, e00123	5.3	6
52	Recent advances in plasma modification of 2D transition metal dichalcogenides. <i>Nanoscale</i> , <b>2019</b> , 11, 19202-19213	7.7	36
51	PCLDOX microdroplets: an evaluation of the enhanced intracellular delivery of doxorubicin in metastatic cancer cells via in silico and in vitro approaches. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 12241-12256	3.6	2

50	ANLN and KDR Are Jointly Prognostic of Breast Cancer Survival and Can Be Modulated for Triple Negative Breast Cancer Control. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 790	4.5	11
49	DNA methylation profiles capturing breast cancer heterogeneity. <i>BMC Genomics</i> , <b>2019</b> , 20, 823	4.5	13
48	FA2H Exhibits Tumor Suppressive Roles on Breast Cancers via Cancer Stemness Control. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1089	5.3	12
47	Key indexes and the emerging tool for tumor microenvironment editing. <i>American Journal of Cancer Research</i> , <b>2019</b> , 9, 1027-1042	4.4	2
46	Genetic interactions between ANLN and KDR are prognostic for breast cancer survival. <i>Oncology Reports</i> , <b>2019</b> , 42, 2255-2266	3.5	11
45	Toward a holistic view of multiscale breast cancer molecular biomarkers. <i>Biomarkers in Medicine</i> , <b>2019</b> ,	2.3	2
44	Epigenetic profiles capturing breast cancer stemness for triple negative breast cancer control. <i>Epigenomics</i> , <b>2019</b> , 11, 1811-1825	4.4	5
43	Orientation-controlled, low-temperature plasma growth and applications of h-BN nanosheets. <i>Nano Research</i> , <b>2019</b> , 12, 91-99	10	12
42	Standardizing CAR-T therapy: Getting it scaled up. <i>Biotechnology Advances</i> , <b>2019</b> , 37, 239-245	17.8	19
41	Hollow Ni <sub>4</sub> Mo Chalcogenide Nanopetals as Bifunctional Electrocatalyst for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 1622-1632	8.3	27
40	Scaling up the Manufacturing Process of Adoptive T Cell Immunotherapy. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800239	5.6	7
39	Removal of organophosphorus pesticide residues from Lycium barbarum by gas phase surface discharge plasma. <i>Chemical Engineering Journal</i> , <b>2018</b> , 342, 401-409	14.7	57
38	pDHS-ELM: computational predictor for plant DNase I hypersensitive sites based on extreme learning machines. <i>Molecular Genetics and Genomics</i> , <b>2018</b> , 293, 1035-1049	3.1	11
37	Fusion genes: A promising tool combating against cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2018</b> , 1869, 149-160	11.2	24
36	Identification and validation of appropriate reference genes for qRT-PCR analysis in <i>Corynebacterium glutamicum</i> . <i>FEMS Microbiology Letters</i> , <b>2018</b> , 365,	2.9	6
35	Inducible CRISPR genome-editing tool: classifications and future trends. <i>Critical Reviews in Biotechnology</i> , <b>2018</b> , 38, 573-586	9.4	18
34	Tuning the Amount of Oxygen Vacancies in Sputter-Deposited SnO films for Enhancing the Performance of Perovskite Solar Cells. <i>ChemSusChem</i> , <b>2018</b> , 11, 3096-3103	8.3	30
33	The Emerging Role of Gas Plasma in Oncotherapy. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 1183-1198	15.1	59



32	Cross-linked trimetallic nanopetals for electrocatalytic water splitting. <i>Journal of Power Sources</i> , <b>2018</b> , 390, 224-233	8.9	35
31	Quantitative assessment of cold atmospheric plasma anti-cancer efficacy in triple-negative breast cancers. <i>Plasma Processes and Polymers</i> , <b>2018</b> , 15, 1800052	3.4	14
30	Cold atmospheric plasma conveys selectivity on triple negative breast cancer cells both in vitro and in vivo. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 124, 205-213	7.8	54
29	Cold atmospheric plasma activated water as a prospective disinfectant: the crucial role of peroxyxynitrite. <i>Green Chemistry</i> , <b>2018</b> , 20, 5276-5284	10	165
28	Correlation Between Protein Primary Structure and Soluble Expression Level of HSA dAb in. <i>Food Technology and Biotechnology</i> , <b>2018</b> , 56, 101-109	2.1	4
27	Efficient Electrocatalytic Oxygen Evolution at Extremely High Current Density over 3D Ultrasmall Zero-Valent Iron-Coupled Nickel Sulfide Nanosheets. <i>ChemElectroChem</i> , <b>2018</b> , 5, 3866-3872	4.3	37
26	Tuning the Amount of Oxygen Vacancies in Sputter-Deposited SnOx films for Enhancing the Performance of Perovskite Solar Cells. <i>ChemSusChem</i> , <b>2018</b> , 11, 3022-3022	8.3	
25	Predicting New Two-Dimensional Pd <sub>3</sub> (PS <sub>4</sub> ) <sub>2</sub> as an Efficient Photocatalyst for Water Splitting. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 21927-21932	3.8	16
24	An ultrathin cobalt-based zeolitic imidazolate framework nanosheet array with a strong synergistic effect towards the efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 18877-18883	13.883	65
23	RNA, Action through Interactions. <i>Trends in Genetics</i> , <b>2018</b> , 34, 867-882	8.5	22
22	Large-size Mo <sub>1-x</sub> W <sub>x</sub> S <sub>2</sub> and W <sub>1-x</sub> Mo <sub>x</sub> S <sub>2</sub> (x = 0-0.5) monolayers by confined-space chemical vapor deposition. <i>Applied Surface Science</i> , <b>2018</b> , 457, 591-597	6.7	8
21	Integrated diagnostic network construction reveals a 4-gene panel and 5 cancer hallmarks driving breast cancer heterogeneity. <i>Scientific Reports</i> , <b>2017</b> , 7, 6827	4.9	17
20	Shape-Uniform, High-Quality Monolayered MoS Crystals for Gate-Tunable Photoluminescence. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 42121-42130	9.5	40
19	Protein secretion in <i>Corynebacterium glutamicum</i> . <i>Critical Reviews in Biotechnology</i> , <b>2017</b> , 37, 541-551	9.4	14
18	Comparative analysis of the <i>Corynebacterium glutamicum</i> transcriptome in response to changes in dissolved oxygen levels. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2017</b> , 44, 181-195	4.2	10
17	Breast Cancer Cell Line Classification and Its Relevance with Breast Tumor Subtyping. <i>Journal of Cancer</i> , <b>2017</b> , 8, 3131-3141	4.5	371
16	Exploring the intrinsic differences among breast tumor subtypes defined using immunohistochemistry markers based on the decision tree. <i>Scientific Reports</i> , <b>2016</b> , 6, 35773	4.9	12
15	Transcriptome and Multivariable Data Analysis of <i>Corynebacterium glutamicum</i> under Different Dissolved Oxygen Conditions in Bioreactors. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167156	3.7	17



14	Cancer Hallmarks, Biomarkers and Breast Cancer Molecular Subtypes. <i>Journal of Cancer</i> , <b>2016</b> , 7, 1281-94.5	4.5	190
13	H2O/air plasma-functionalized carbon nanotubes decorated with MnO2 for glucose sensing. <i>RSC Advances</i> , <b>2016</b> , 6, 31807-31815	3.7	21
12	The <i>Pichia pastoris</i> transmembrane protein GT1 is a glycerol transporter and relieves the repression of glycerol on AOX1 expression. <i>FEMS Yeast Research</i> , <b>2016</b> , 16,	3.1	15
11	Construction of genetic parts from the <i>Corynebacterium glutamicum</i> genome with high expression activities. <i>Biotechnology Letters</i> , <b>2016</b> , 38, 2119-2126	3	19
10	Molecular portraits revealing the heterogeneity of breast tumor subtypes defined using immunohistochemistry markers. <i>Scientific Reports</i> , <b>2015</b> , 5, 14499	4.9	28
9	WDR5 Expression Is Prognostic of Breast Cancer Outcome. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124964	3.7	31
8	Breast cancer intrinsic subtype classification, clinical use and future trends. <i>American Journal of Cancer Research</i> , <b>2015</b> , 5, 2929-43	4.4	296
7	Atmospheric pressure gas plasma-induced colorectal cancer cell death is mediated by Nox2-ASK1 apoptosis pathways and oxidative stress is mitigated by Srx-Nrf2 anti-oxidant system. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 2827-37	4.9	81
6	Integrative investigation on breast cancer in ER, PR and HER2-defined subgroups using mRNA and miRNA expression profiling. <i>Scientific Reports</i> , <b>2014</b> , 4, 6566	4.9	50
5	Cooperation of DLC1 and CDK6 affects breast cancer clinical outcome. <i>G3: Genes, Genomes, Genetics</i> , <b>2014</b> , 5, 81-91	3.2	13
4	Single-cell-precision microplasma-induced cancer cell apoptosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e101299	3.7	30
3	Identification of Symptoms Prognostic of COVID-19 Severity: Multivariate Data Analysis of a Case Series in Henan Province (Preprint)		2
2	Lung Cancer Oncotherapy through Novel Modalities: Gas Plasma and Nanoparticle Technologies		1
1	Cold atmospheric plasma: an effective approach for fast benazoxystrobin degradation via generating reactive oxygen species. <i>International Journal of Environmental Analytical Chemistry</i> , 1-14	1.8	0