

Wei Yang

List of Publications by Year in descending order

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76
papers

5,349
citations

126907

33
h-index

85541

71
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79
all docs

79
docs citations

79
times ranked

7790
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncosome Formation in Prostate Cancer: Association with a Region of Frequent Chromosomal Deletion in Metastatic Disease. <i>Cancer Research</i> , 2009, 69, 5601-5609.	0.9	325
2	Large oncosomes contain distinct protein cargo and represent a separate functional class of tumor-derived extracellular vesicles. <i>Oncotarget</i> , 2015, 6, 11327-11341.	1.8	289
3	Materials and Designs for Wearable Photodetectors. <i>Advanced Materials</i> , 2019, 31, e1808138.	21.0	279
4	Recent Progress of Heterojunction Ultraviolet Photodetectors: Materials, Integrations, and Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1909909.	14.9	264
5	Proteome Scale Characterization of Human S-Acylated Proteins in Lipid Raft-enriched and Non-raft Membranes. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 54-70.	3.8	252
6	The complex jujube genome provides insights into fruit tree biology. <i>Nature Communications</i> , 2014, 5, 5315.	12.8	251
7	Self-Powered Ultraviolet Photodetectors Driven by Built-In Electric Field. <i>Small</i> , 2017, 13, 1701687.	10.0	245
8	Resequencing of 429 chickpea accessions from 45 countries provides insights into genome diversity, domestication and agronomic traits. <i>Nature Genetics</i> , 2019, 51, 857-864.	21.4	219
9	High-Performance Silicon-Compatible Large-Area UV-to-Visible Broadband Photodetector Based on Integrated Lattice-Matched Type II Se/n-Si Heterojunctions. <i>Nano Letters</i> , 2018, 18, 4697-4703.	9.1	212
10	2D Perovskite Sr ₂ Nb ₃ O ₁₀ for High-Performance UV Photodetectors. <i>Advanced Materials</i> , 2020, 32, e1905443.	21.0	210
11	Silicon-Compatible Photodetectors: Trends to Monolithically Integrate Photosensors with Chip Technology. <i>Advanced Functional Materials</i> , 2019, 29, 1808182.	14.9	198
12	Self-Powered Dual-Color UV-Visible Photodetectors Based on SnO ₂ Millimeter Wire and Microwires/CsPbBr ₃ Particle Heterojunctions. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 836-841.	4.6	190
13	Super-Enhancer-Driven Long Non-Coding RNA LINC01503, Regulated by TP63, Is Over-Expressed and Oncogenic in Squamous Cell Carcinoma. <i>Gastroenterology</i> , 2018, 154, 2137-2151.e1.	1.3	165
14	Induction of Apoptosis in Mouse Liver by Microcystin-LR. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 958-974.	3.8	126
15	Supersaturation-Controlled Growth of Monolithically Integrated Lead-Free Halide Perovskite Single-Crystalline Thin Film for High-Sensitivity Photodetectors. <i>Advanced Materials</i> , 2021, 33, e2103010.	21.0	114
16	Proteomic analysis of palmitoylated platelet proteins. <i>Blood</i> , 2011, 118, e62-e73.	1.4	105
17	Millimeter-Sized Single-Crystal CsPbBr ₃ /CuI Heterojunction for High-Performance Self-Powered Photodetector. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2400-2407.	4.6	99
18	Chromosome-level reference genome and alternative splicing atlas of moso bamboo (<i>Phyllostachys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.4	98

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19	TP63, SOX2, and KLF5 Establish a Core Regulatory Circuitry That Controls Epigenetic and Transcription Patterns in Esophageal Squamous Cell Carcinoma Cell Lines. <i>Gastroenterology</i> , 2020, 159, 1311-1327.e19.	1.3	92
20	Self-Powered $\text{SnO}_2/\text{CuZnS}$ Core-Shell Microwire UV Photodetector with Optimized Performance. <i>Advanced Optical Materials</i> , 2018, 6, 1800213.	7.3	83
21	Recent breeding programs enhanced genetic diversity in both desi and kabuli varieties of chickpea (<i>Cicer arietinum</i> L.). <i>Scientific Reports</i> , 2016, 6, 38636.	3.3	77
22	Self-Polarized BaTiO_3 for Greatly Enhanced Performance of ZnO UV Photodetector by Regulating the Distribution of Electron Concentration. <i>Advanced Functional Materials</i> , 2020, 30, 1907650.	14.9	74
23	Efficiency enhancement of TiO_2 -self-powered UV photodetectors using a transparent Ag nanowire electrode. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3334-3340.	5.5	71
24	Cross-Bar SnO_2/NiO Nanofiber Array-Based Transparent Photodetectors with High Detectivity. <i>Advanced Electronic Materials</i> , 2020, 6, 1901048.	5.1	68
25	FOXC1-induced non-canonical WNT5A-MMP7 signaling regulates invasiveness in triple-negative breast cancer. <i>Oncogene</i> , 2018, 37, 1399-1408.	5.9	67
26	Low-cost writing method for self-powered paper-based UV photodetectors utilizing Te/ TiO_2 and Te/ZnO heterojunctions. <i>Nanoscale Horizons</i> , 2019, 4, 452-456.	8.0	64
27	Proteomic Analysis Identifies Membrane Proteins Dependent on the ER Membrane Protein Complex. <i>Cell Reports</i> , 2019, 28, 2517-2526.e5.	6.4	53
28	Interplay and cooperation between SREBF1 and master transcription factors regulate lipid metabolism and tumor-promoting pathways in squamous cancer. <i>Nature Communications</i> , 2021, 12, 4362.	12.8	50
29	Emerin Deregulation Links Nuclear Shape Instability to Metastatic Potential. <i>Cancer Research</i> , 2018, 78, 6086-6097.	0.9	49
30	Inhibition of collagen XI alpha 1-induced fatty acid oxidation triggers apoptotic cell death in cisplatin-resistant ovarian cancer. <i>Cell Death and Disease</i> , 2020, 11, 258.	6.3	49
31	Regulation of microtubule dynamics by DIAPH3 influences amoeboid tumor cell mechanics and sensitivity to taxanes. <i>Scientific Reports</i> , 2015, 5, 12136.	3.3	48
32	Proteomic approaches to the analysis of multiprotein signaling complexes. <i>Proteomics</i> , 2008, 8, 832-851.	2.2	45
33	Rapid preparation of nuclei-depleted detergent-resistant membrane fractions suitable for proteomics analysis. <i>BMC Cell Biology</i> , 2008, 9, 30.	3.0	44
34	Transparent Schottky Photodiode Based on AgNi NWs/ SrTiO_3 Contact with an Ultrafast Photoresponse to Short-Wavelength Blue Light and UV-Shielding Effect. <i>Advanced Functional Materials</i> , 2019, 29, 1905923.	14.9	40
35	Comprehensive palmitoyl-proteomic analysis identifies distinct protein signatures for large and small cancer-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1764192.	12.2	37
36	Solution-Processed Transparent Sn^{4+} -Doped CuI Hybrid Photodetectors with Enhanced Performances. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900669.	3.7	36

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37	Caveolin-1 and Prostate Cancer Progression. <i>Advances in Experimental Medicine and Biology</i> , 2012, 729, 95-110.	1.6	33
38	Low-Background Acyl-Biotinyl Exchange Largely Eliminates the Coisolation of Non-S-Acylated Proteins and Enables Deep S-Acylproteomic Analysis. <i>Analytical Chemistry</i> , 2019, 91, 9858-9866.	6.5	32
39	Quantitative Proteomics Identifies a β -Catenin Network as an Element of the Signaling Response to Frizzled-8 Protein-Related Antiproliferative Factor. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.007492.	3.8	31
40	Proteomic analysis of rat pheochromocytoma PC12 cells. <i>Proteomics</i> , 2006, 6, 2982-2990.	2.2	30
41	Proteomic analysis and comparison of the biopsy and autopsy specimen of human brain temporal lobe. <i>Proteomics</i> , 2006, 6, 4987-4996.	2.2	29
42	Constructing the Band Alignment of Graphitic Carbon Nitride (g-C ₃ N ₄)/Copper(I) Oxide (Cu ₂ O) Composites by Adjusting the Contact Facet for Superior Photocatalytic Activity. <i>ACS Applied Energy Materials</i> , 2019, 2, 1803-1811.	5.1	29
43	Boosted Responsivity and Tunable Spectral Response in Bi-Site Substituted 2D Ca ₂ Nb ₃ Ta _x O ₁₀ Perovskite Photodetectors. <i>Advanced Functional Materials</i> , 2021, 31, 2101480.	14.9	29
44	Keratin 8 is a potential self-antigen in the coronary artery disease immunopeptidome: A translational approach. <i>PLoS ONE</i> , 2019, 14, e0213025.	2.5	28
45	Quantitative Proteomics Analysis Reveals Molecular Networks Regulated by Epidermal Growth Factor Receptor Level in Head and Neck Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 3073-3082.	3.7	26
46	Identification of QTL and Qualitative Trait Loci for Agronomic Traits Using SNP Markers in the Adzuki Bean. <i>Frontiers in Plant Science</i> , 2017, 8, 840.	3.6	26
47	S-Palmitoylation as a Functional Regulator of Proteins Associated with Cisplatin Resistance in Bladder Cancer. <i>International Journal of Biological Sciences</i> , 2020, 16, 2490-2505.	6.4	26
48	Transcriptome and proteome characterization of surface ectoderm cells differentiated from human iPSCs. <i>Scientific Reports</i> , 2016, 6, 32007.	3.3	25
49	Personalization of prostate cancer therapy through phosphoproteomics. <i>Nature Reviews Urology</i> , 2018, 15, 483-497.	3.8	25
50	Integration of proteomic and transcriptomic profiles identifies a novel PDGF-MYC network in human smooth muscle cells. <i>Cell Communication and Signaling</i> , 2014, 12, 44.	6.5	24
51	'Omics' Approaches to Understanding Interstitial Cystitis/Painful Bladder Syndrome/Bladder Pain Syndrome. <i>International Neurourology Journal</i> , 2012, 16, 159.	1.2	19
52	Ethanol Induced Disorder of Pancreatic Acinar Cell Endoplasmic Reticulum: An ER Stress/Defective Unfolded Protein Response Model. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 479-497.	4.5	19
53	Unraveling the genetic architecture of grain size in einkorn wheat through linkage and homology mapping and transcriptomic profiling. <i>Journal of Experimental Botany</i> , 2019, 70, 4671-4688.	4.8	19
54	Proteome-Scale Analysis of Protein S-Acylation Comes of Age. <i>Journal of Proteome Research</i> , 2021, 20, 14-26.	3.7	19

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55	Technologies and Challenges in Proteomic Analysis of Protein S-acylation. <i>Journal of Proteomics and Bioinformatics</i> , 2014, 07, 256-263.	0.4	18
56	Targeting metabolic plasticity in breast cancer cells via mitochondrial complex I modulation. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 43-56.	2.5	18
57	EWS-FLI1 regulates and cooperates with core regulatory circuitry in Ewing sarcoma. <i>Nucleic Acids Research</i> , 2020, 48, 11434-11451.	14.5	18
58	Dissecting the multi-omics atlas of the exosomes released by human lung adenocarcinoma stem-like cells. <i>Npj Genomic Medicine</i> , 2021, 6, 48.	3.8	18
59	Supersaturation-Controlled Growth of Monolithically Integrated Lead-Free Halide Perovskite Single-Crystalline Thin Film for High-Sensitivity Photodetectors (<i>Adv. Mater.</i> 41/2021). <i>Advanced Materials</i> , 2021, 33, 2170324.	21.0	16
60	Quantitative proteomic analysis of prostate tissue specimens identifies deregulated protein complexes in primary prostate cancer. <i>Clinical Proteomics</i> , 2019, 16, 15.	2.1	15
61	Single-cell Long Non-coding RNA Landscape of T Cells in Human Cancer Immunity. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 377-393.	6.9	15
62	Integration analysis of quantitative proteomics and transcriptomics data identifies potential targets of frizzled-8 protein-related antiproliferative factor <i>in vivo</i> . <i>BJU International</i> , 2012, 110, E1138-46.	2.5	14
63	Fabrication of MnO/C composites utilizing pitch as the soft carbon source for rechargeable Li-ion batteries. <i>New Journal of Chemistry</i> , 2016, 40, 9986-9992.	2.8	11
64	On the Road to Accurate Protein Biomarkers in Prostate Cancer Diagnosis and Prognosis: Current Status and Future Advances. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13537.	4.1	11
65	Excellent performance of carbon-coated $\text{TiO}_2/\text{Li}_4\text{Ti}_5\text{O}_{12}$ composites with low Li/Ti ratio for Li-ion storage. <i>RSC Advances</i> , 2015, 5, 93155-93161.	3.6	10
66	Differential Display Proteome Analysis of PC-12 Cells Transiently Transfected with Metallothionein-3 Gene. <i>Journal of Proteome Research</i> , 2004, 3, 126-131.	3.7	9
67	IFI16 promotes human embryonic stem cell trilineage specification through interaction with p53. <i>Npj Regenerative Medicine</i> , 2020, 5, 18.	5.2	4
68	Sex as a Determinant of Responses to a Coronary Artery Disease Self-Antigen Identified by Immune-Peptidomics. <i>Frontiers in Immunology</i> , 2020, 11, 694.	4.8	3
69	Androgens modify therapeutic response to cabazitaxel in models of advanced prostate cancer. <i>Prostate</i> , 2020, 80, 926-937.	2.3	3
70	Proteomic profiling of bladder cancer for precision medicine in the clinical setting: A review for the busy urologist. <i>Investigative and Clinical Urology</i> , 2020, 61, 539.	2.0	3
71	Identification of Flow-Limiting Coronary Stenosis With PCS: A New Cost-Effective Index Derived From the Product of Corrected TIMI Frame Count and Percent Diameter Stenosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 718935.	2.4	2
72	BoxCar and shotgun proteomic analyses reveal molecular networks regulated by UBR5 in prostate cancer. <i>Proteomics</i> , 2022, 22, e2100172.	2.2	2

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73	Transparent Schottky Photodiodes: Transparent Schottky Photodiode Based on AgNi NWs/SrTiO ₃ Contact with an Ultrafast Photoresponse to Short-Wavelength Blue Light and UV-Shielding Effect (Adv. Funct. Mater. 46/2019). Advanced Functional Materials, 2019, 29, 1970319.	14.9	1
74	Biomarkers with Potential Predictive Value for Cardiotoxicity in Anticancer Treatments. Chinese Medical Sciences Journal, 2019, 36, 1.	0.4	0
75	Knowledge of Hyperemic Myocardial Blood Flow in Healthy Subjects Helps Identify Myocardial Ischemia in Patients With Coronary Artery Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 817911.	2.4	0
76	Early innate immune responses in different COVID-19 subphenotypes through a transcriptomics lens. Clinical and Translational Discovery, 2022, 2, .	0.5	0