

Ming-Hua Wu

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

4,202
citations

201674

27
h-index

123424

61
g-index

88
all docs

88
docs citations

88
times ranked

5291
citing authors

#	ARTICLE	IF	CITATIONS
1	CircRNA: functions and properties of a novel potential biomarker for cancer. <i>Molecular Cancer</i> , 2017, 16, 94.	19.2	1,157
2	Pattern recognition receptors in health and diseases. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 291.	17.1	510
3	New insights into long noncoding RNAs and their roles in glioma. <i>Molecular Cancer</i> , 2018, 17, 61.	19.2	303
4	Iron-based metal-organic frameworks as novel platforms for catalytic ozonation of organic pollutant: Efficiency and mechanism. <i>Journal of Hazardous Materials</i> , 2019, 367, 456-464.	12.4	195
5	Dysfunction of NMDA receptors in Alzheimer's disease. <i>Neurological Sciences</i> , 2016, 37, 1039-1047.	1.9	186
6	The Potential Role of circRNA in Tumor Immunity Regulation and Immunotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 9.	4.8	124
7	A cytoplasmic long noncoding RNA LINC00470 as a new AKT activator to mediate glioblastoma cell autophagy. <i>Journal of Hematology and Oncology</i> , 2018, 11, 77.	17.0	74
8	Gut microbiota influence tumor development and Alter interactions with the human immune system. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 42.	8.6	71
9	Alterations of gut microbiome accelerate multiple myeloma progression by increasing the relative abundances of nitrogen-recycling bacteria. <i>Microbiome</i> , 2020, 8, 74.	11.1	67
10	Targeting miR-381-NEFL axis sensitizes glioblastoma cells to temozolomide by regulating stemness factors and multidrug resistance factors. <i>Oncotarget</i> , 2015, 6, 3147-3164.	1.8	65
11	Epigenetics in Neurodevelopment: Emerging Role of Circular RNA. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 327.	3.7	60
12	miR-128 and miR-149 enhance the chemosensitivity of temozolomide by Rap1B-mediated cytoskeletal remodeling in glioblastoma. <i>Oncology Reports</i> , 2014, 32, 957-964.	2.6	52
13	The nuclear transportation routes of membrane-bound transcription factors. <i>Cell Communication and Signaling</i> , 2018, 16, 12.	6.5	52
14	LINC00470 Coordinates the Epigenetic Regulation of ELFN2 to Distract GBM Cell Autophagy. <i>Molecular Therapy</i> , 2018, 26, 2267-2281.	8.2	50
15	Disturbing miR-182 and -381 Inhibits BRD7 Transcription and Glioma Growth by Directly Targeting LRR4. <i>PLoS ONE</i> , 2014, 9, e84146.	2.5	49
16	New Insights into Regulatory T Cells: Exosome- and Non-Coding RNA-Mediated Regulation of Homeostasis and Resident Treg Cells. <i>Frontiers in Immunology</i> , 2016, 7, 574.	4.8	45
17	Novel Therapy for Glioblastoma Multiforme by Restoring LRR4 in Tumor Cells: LRR4 Inhibits Tumor-Infiltrating Regulatory T Cells by Cytokine and Programmed Cell Death 1-Containing Exosomes. <i>Frontiers in Immunology</i> , 2017, 8, 1748.	4.8	45
18	Coagulation Factor X Regulated by CASC2c Recruited Macrophages and Induced M2 Polarization in Glioblastoma Multiforme. <i>Frontiers in Immunology</i> , 2018, 9, 1557.	4.8	45

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19	Low expression of miR-381 is a favorite prognosis factor and enhances the chemosensitivity of osteosarcoma. <i>Oncotarget</i> , 2016, 7, 68585-68596.	1.8	43
20	Fra-1 is upregulated in gastric cancer tissues and affects the PI3K/Akt and p53 signaling pathway in gastric cancer. <i>International Journal of Oncology</i> , 2015, 47, 1725-1734.	3.3	40
21	The D Domain of LRRC4 anchors ERK1/2 in the cytoplasm and competitively inhibits MEK/ERK activation in glioma cells. <i>Journal of Hematology and Oncology</i> , 2016, 9, 130.	17.0	37
22	Hypermethylated gene ANKDD1A is a candidate tumor suppressor that interacts with FIH1 and decreases HIF1 α stability to inhibit cell autophagy in the glioblastoma multiforme hypoxia microenvironment. <i>Oncogene</i> , 2019, 38, 103-119.	5.9	37
23	Human mesenchymal stem cells derived exosomes are important in enhancing porcine islet resistance to hypoxia. <i>Xenotransplantation</i> , 2018, 25, e12405.	2.8	36
24	FLIM as a Promising Tool for Cancer Diagnosis and Treatment Monitoring. <i>Nano-Micro Letters</i> , 2021, 13, 133.	27.0	35
25	MiR-101 reverses the hypomethylation of the LMO3 promoter in glioma cells. <i>Oncotarget</i> , 2015, 6, 7930-7943.	1.8	34
26	lncRNA RMST Suppressed GBM Cell Mitophagy through Enhancing FUS SUMOylation. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1198-1208.	5.1	33
27	Knockdown lncRNA CRNDE enhances temozolomide chemosensitivity by regulating autophagy in glioblastoma. <i>Cancer Cell International</i> , 2021, 21, 456.	4.1	32
28	The EGFR-ZNF263 signaling axis silences SIX3 in glioblastoma epigenetically. <i>Oncogene</i> , 2020, 39, 3163-3178.	5.9	31
29	CASC2c as an unfavorable prognosis factor interacts with miR-101 to mediate astrocytoma tumorigenesis. <i>Cell Death and Disease</i> , 2017, 8, e2639-e2639.	6.3	30
30	miR-101 reverses hypomethylation of the PRDM16 promoter to disrupt mitochondrial function in astrocytoma cells. <i>Oncotarget</i> , 2016, 7, 5007-5022.	1.8	30
31	Unraveling timescale-dependent Fe-MOFs crystal evolution for catalytic ozonation reactivity modulation. <i>Journal of Hazardous Materials</i> , 2022, 431, 128575.	12.4	30
32	Deregulation of Circular RNAs in Cancer From the Perspectives of Aberrant Biogenesis, Transport and Removal. <i>Frontiers in Genetics</i> , 2019, 10, 16.	2.3	27
33	CD38 enhances the proliferation and inhibits the apoptosis of cervical cancer cells by affecting the mitochondria functions. <i>Molecular Carcinogenesis</i> , 2017, 56, 2245-2257.	2.7	26
34	SIX3, a tumor suppressor, inhibits astrocytoma tumorigenesis by transcriptional repression of AURKA/B. <i>Journal of Hematology and Oncology</i> , 2017, 10, 115.	17.0	25
35	Lung microbiome alterations in NSCLC patients. <i>Scientific Reports</i> , 2021, 11, 11736.	3.3	25
36	Hyperbranched polyamide functionalized sodium alginate microsphere as a novel adsorbent for the removal of antimony(III) in wastewater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27372-27384.	5.3	24

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37	Insights Into Exosomal Non-Coding RNAs Sorting Mechanism and Clinical Application. <i>Frontiers in Oncology</i> , 2021, 11, 664904.	2.8	24
38	Functions and Potential Applications of Circular RNAs in Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2019, 9, 500.	2.8	21
39	Blocking glycine utilization inhibits multiple myeloma progression by disrupting glutathione balance. <i>Nature Communications</i> , 2022, 13, .	12.8	21
40	A facile method to prepare superhydrophobic nanocellulose-based aerogel with high thermal insulation performance via a two-step impregnation process. <i>Cellulose</i> , 2022, 29, 245-257.	4.9	20
41	Ultrastable MOF-based foams for versatile applications. <i>Nano Research</i> , 2022, 15, 2961-2970.	10.4	20
42	CD90 is upregulated in gastric cancer tissues and inhibits gastric cancer cell apoptosis by modulating the expression level of SPARC protein. <i>Oncology Reports</i> , 2015, 34, 2497-2506.	2.6	19
43	The receptor for activated protein kinase C promotes cell growth, invasion and migration in cervical cancer. <i>International Journal of Oncology</i> , 2017, 51, 1497-1507.	3.3	19
44	NGL-2 Is a New Partner of PAR Complex in Axon Differentiation. <i>Journal of Neuroscience</i> , 2015, 35, 7153-7164.	3.6	17
45	Fabrication of Ag ₃ PO ₄ /TiO ₂ Composite and Its Photodegradation of Formaldehyde Under Solar Radiation. <i>Catalysis Letters</i> , 2019, 149, 882-890.	2.6	16
46	Circular RNA Sequencing Reveals Serum Exosome Circular RNA Panel for High-Grade Astrocytoma Diagnosis. <i>Clinical Chemistry</i> , 2022, 68, 332-343.	3.2	16
47	RSK2 protects human breast cancer cells under endoplasmic reticulum stress through activating AMPK β 2-mediated autophagy. <i>Oncogene</i> , 2020, 39, 6704-6718.	5.9	15
48	Effect of DR4 promoter methylation on the TRAIL-induced apoptosis in lung squamous carcinoma cell. <i>Oncology Reports</i> , 2015, 34, 2115-2125.	2.6	14
49	Genetic Aberrations and Interaction of <i>NEK2</i> and <i>TP53</i> Accelerate Aggressiveness of Multiple Myeloma. <i>Advanced Science</i> , 2022, 9, e2104491.	11.2	13
50	Leucine-rich repeat containing 4 act as an autophagy inhibitor that restores sensitivity of glioblastoma to temozolomide. <i>Oncogene</i> , 2020, 39, 4551-4566.	5.9	12
51	Structure of vinyl polysiloxane on properties of polyacrylates film and its pigment printing application. <i>Journal of Coatings Technology Research</i> , 2020, 17, 937-948.	2.5	12
52	Fluorinated Barium Titanate Nanoparticles for Wearable Piezoelectric Power Generation. <i>ACS Applied Nano Materials</i> , 2022, 5, 3352-3360.	5.0	12
53	Administration of growth hormone improves endometrial function in women undergoing <i>in vitro</i> fertilization: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2022, 28, 838-857.	10.8	12
54	A Specific Fluorescent Probe for Antimony Based on Aggregation Induced Emission. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 47-52.	1.2	11

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55	Highly efficient heterogeneous photo-Fenton BiOCl/MIL-100(Fe) nanoscaled hybrid catalysts prepared by green one-step coprecipitation for degradation of organic contaminants. <i>RSC Advances</i> , 2021, 11, 32383-32393.	3.6	11
56	LncRNA PELATON, a Ferroptosis Suppressor and Prognostic Signature for GBM. <i>Frontiers in Oncology</i> , 2022, 12, 817737.	2.8	11
57	Establishment of an effective activated peroxide system for low-temperature cotton bleaching using synthesized tetramido macrocyclic iron complex. <i>Fibers and Polymers</i> , 2017, 18, 1741-1748.	2.1	10
58	Sustainable washing-free printing of disperse dyes on polyester fabrics enabled by crosslinked fluorosilicone modified polyacrylate binders. <i>Polymers for Advanced Technologies</i> , 2021, 32, 641-650.	3.2	10
59	Economical Low-Temperature Bleaching of Cotton Fabric Using an Activated Peroxide System Coupling Cupric Ions with Bicarbonate. <i>Fibers and Polymers</i> , 2018, 19, 1898-1907.	2.1	9
60	Cdc37 suppression induces plasma cell immaturation and bortezomib resistance in multiple myeloma via Xbp1s. <i>Oncogenesis</i> , 2020, 9, 31.	4.9	9
61	LRRC4 functions as a neuron-protective role in experimental autoimmune encephalomyelitis. <i>Molecular Medicine</i> , 2021, 27, 44.	4.4	9
62	Divinyl-terminated polysiloxane as an effective polyacrylates modifier for pigment printing: A study with different molecular weights and quantities. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47961.	2.6	8
63	Hypercrosslinked functionalized lignosulfonates prepared via Friedel-Crafts alkylation reaction for enhancing Pb(II) removal from aqueous. <i>Separation Science and Technology</i> , 2019, 54, 2830-2839.	2.5	8
64	LRRC4 Suppresses E-Cadherin-Dependent Collective Cell Invasion and Metastasis in Epithelial Ovarian Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 144.	2.8	8
65	LRRC4 mediates the formation of circular RNA CD44 to inhibit GBM cell proliferation. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 473-487.	5.1	8
66	New Washing-Free Printing Binder Based on Fluorosilicone-Modified Polyacrylate for Polyester Fabric Printing with a Disperse Dye. <i>Fibers and Polymers</i> , 2021, 22, 396-404.	2.1	8
67	Culturing with modified EGM2 medium enhances porcine neonatal islet-like cell clusters resistance to apoptosis in islet xenotransplantation. <i>Xenotransplantation</i> , 2018, 25, e12358.	2.8	7
68	Microbiome Related Cytotoxically Active CD8+ TIL Are Inversely Associated With Lung Cancer Development. <i>Frontiers in Oncology</i> , 2020, 10, 531131.	2.8	7
69	Insight for Immunotherapy of HCMV Infection. <i>International Journal of Biological Sciences</i> , 2021, 17, 2899-2911.	6.4	7
70	Mixture from carboxymethyl tamarind gum and carboxymethyl starch on double-sided printing of georgette fabric. <i>Cellulose</i> , 2017, 24, 3545-3554.	4.9	6
71	Preparation and application of polyacrylate binder for washing-free printing on polyester with disperse dyes. <i>Textile Research Journal</i> , 2019, 89, 2721-2728.	2.2	6
72	Preparation of nano-silver nanoparticles for conductive ink and the correlations with its conductivity. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 1657-1665.	3.1	6

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73	New thickener based on s-triazine di-sulfanilic xanthan for reactive printing of silk fabric with double-sided patterns. <i>Textile Research Journal</i> , 2019, 89, 2209-2218.	2.2	5
74	Phenolic rigid organic filler/isotactic polypropylene composites. I. Preparation. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 236-241.	0.6	4
75	Selective adsorption and separation of Cr(VI) by surface-imprinted microsphere based on thiosemicarbazide-functionalized sodium alginate. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 1140-1151.	2.2	4
76	Preparation of Isocyanate Terminated Polysiloxane and Its Application in Crease Resistant Finishing of Silk Fabric. <i>Fibers and Polymers</i> , 2020, 21, 300-307.	2.1	4
77	Urea-free reactive printing of viscose fabric with high color performance for cleaner production. <i>Cellulose</i> , 2021, 28, 2567-2579.	4.9	4
78	Phenolic rigid organic filler/isotactic polypropylene composites. II. Tensile properties. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 396-401.	0.6	3
79	Dispersion of "guava-like" silica/polyacrylate nanocomposite particles in polyacrylate matrix. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 127-134.	0.6	2
80	Phenolic rigid organic filler/isotactic polypropylene composites. III. Impact resistance property. <i>Frontiers of Chemical Engineering in China</i> , 2009, 3, 176-181.	0.6	2
81	Properties of a new nitrogen-free additive as an alternative to urea and its application in reactive printing. <i>Coloration Technology</i> , 2022, 138, 137-145.	1.5	1
82	Two-mode Fluorescent Detection of Cyanide by a Simple AIE-based Chemosensor with Red Emission. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 526-531.	1.2	0
83	Porous-doped carbon prepared from Friedel-Crafts alkylated crosslinked lignosulfonates for lead removal. <i>Separation Science and Technology</i> , 2021, 56, 1475-1490.	2.5	0