

# Hong Zhao

## List of Publications by Year in descending order

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105  
papers

3,622  
citations

125106

35  
h-index

162838

57  
g-index

110  
all docs

110  
docs citations

110  
times ranked

7285  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-195 regulates blood pressure by inhibiting NKCC2A. FASEB Journal, 2022, 36, .	0.2	0
2	An algorithm based on QSVD for the quaternion equality constrained least squares problem. Numerical Algorithms, 2021, 87, 1563-1576.	1.1	3
3	A male-ABCD algorithm for hepatocellular carcinoma risk prediction in HBsAg carriers. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2021, 33, 352-363.	0.7	4
4	Androgen receptor activation decreases proliferation in thyroid cancer cells. Journal of Cellular Biochemistry, 2021, 122, 1113-1125.	1.2	7
5	MicroRNA-133a-Dependent Inhibition of Proximal Tubule Angiotensinogen by Renal TNF (Tumor Necrosis) Tj ETQq1,1,0.784314 rgBT 1.3	1.3	9
6	Fatal adverse events associated with programmed cell death protein 1 or programmed cell death-ligand 1 monotherapy in cancer. Therapeutic Advances in Medical Oncology, 2020, 12, 175883591989575.	1.4	8
7	Least-squares bihermitian and skew bihermitian solutions of the quaternion matrix equation $AXB = C$ . Linear and Multilinear Algebra, 2020, , 1-15.	0.5	2
8	Preliminary results of sintilimab plus different dose of IBI305 (anti-VEGF monoclonal antibody) in patients with advanced hepatocellular carcinoma: A phase Ib study.. Journal of Clinical Oncology, 2020, 38, 3079-3079.	0.8	14
9	Renal miR-195 mediates TNF-dependent inhibition of NKCC2. FASEB Journal, 2020, 34, 1-1.	0.2	0
10	Two forms of human DNA polymerase $\beta$ : Who does what and why?. DNA Repair, 2019, 81, 102656.	1.3	16
11	Assessment of DNA Susceptibility to Denaturation as a Marker of Chromatin Structure. Current Protocols in Cytometry, 2019, 91, e65.	3.7	0
12	Detection of Histone H2AX Phosphorylation on Ser-139 as an Indicator of DNA Damage. Current Protocols in Cytometry, 2019, 89, e55.	3.7	16
13	Detection of early-stage hepatocellular carcinoma in asymptomatic HBsAg-seropositive individuals by liquid biopsy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6308-6312.	3.3	127
14	Discovery of a novel DNA polymerase inhibitor and characterization of its antiproliferative properties. Cancer Biology and Therapy, 2019, 20, 474-486.	1.5	8
15	Concurrent detection of lysosome and tissue transglutaminase activation in relation to cell cycle position during apoptosis induced by different anticancer drugs. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 683-690.	1.1	3
16	Phosphorylation Alters the Properties of Pol $\beta$ : Implications for Translesion Synthesis. IScience, 2018, 6, 52-67.	1.9	13
17	Genetic Features of Aflatoxin-Associated Hepatocellular Carcinoma. Gastroenterology, 2017, 153, 249-262.e2.	0.6	100
18	Analysis of Cellular DNA Content by Flow Cytometry. Current Protocols in Cytometry, 2017, 82, 7.5.1-7.5.20.	3.7	17

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19	Analysis of Cellular DNA Content by Flow Cytometry. <i>Current Protocols in Immunology</i> , 2017, 119, 5.7.1-5.7.20.	3.6	37
20	Fluorochrome-Labeled Inhibitors of Caspases: Expedient In Vitro and In Vivo Markers of Apoptotic Cells for Rapid Cytometric Analysis. <i>Methods in Molecular Biology</i> , 2017, 1644, 61-73.	0.4	17
21	DNA Damage Response Resulting from Replication Stress Induced by Synchronization of Cells by Inhibitors of DNA Replication: Analysis by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1524, 107-119.	0.4	8
22	Synergy of 2-deoxy-d-glucose combined with berberine in inducing the lysosome/autophagy and transglutaminase activation-facilitated apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 229-238.	2.2	10
23	Instructive Role of the Microenvironment in Preventing Renal Fibrosis. <i>Stem Cells Translational Medicine</i> , 2017, 6, 992-1005.	1.6	18
24	ATM Activation and H2AX Phosphorylation Induced by Genotoxic Agents Assessed by Flow- and Laser Scanning Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1599, 183-196.	0.4	2
25	Rapid Detection of DNA Strand Breaks in Apoptotic Cells by Flow- and Image-Cytometry. <i>Methods in Molecular Biology</i> , 2017, 1644, 139-149.	0.4	2
26	Beclin 1 and LC3 as predictive biomarkers for metastatic colorectal carcinoma. <i>Oncotarget</i> , 2017, 8, 59058-59067.	0.8	18
27	Non-response to preoperative chemotherapy is a contraindication to hepatectomy plus radiofrequency ablation in patients with colorectal liver metastases. <i>Oncotarget</i> , 2017, 8, 75151-75161.	0.8	9
28	Incidence and risk of regorafenib-induced hepatotoxicity. <i>Oncotarget</i> , 2017, 8, 84102-84111.	0.8	9
29	Incidence and risk of hematologic toxicities in cancer patients treated with regorafenib. <i>Oncotarget</i> , 2017, 8, 93813-93824.	0.8	5
30	AMP-activated protein kinase and energy balance in breast cancer. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 197-213.	0.0	17
31	Impaction of surgical margin status on the survival outcome after surgical resection of intrahepatic cholangiocarcinoma: a systematic review and meta-analysis. <i>Journal of Surgical Research</i> , 2016, 203, 163-173.	0.8	44
32	Aromatase expression and regulation in breast and endometrial cancer. <i>Journal of Molecular Endocrinology</i> , 2016, 57, R19-R33.	1.1	148
33	Total tumor volume predicts survival following liver resection in patients with hepatocellular carcinoma. <i>Tumor Biology</i> , 2016, 37, 9301-9310.	0.8	18
34	Texture Feature Analysis for Computer-Aided Diagnosis on Pulmonary Nodules. <i>Journal of Digital Imaging</i> , 2015, 28, 99-115.	1.6	214
35	Prognostic Role of Phospho-STAT3 in Patients with Cancers of the Digestive System: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0127356.	1.1	26
36	CXCR4 over-expression and survival in cancer: A system review and meta-analysis. <i>Oncotarget</i> , 2015, 6, 5022-5040.	0.8	197

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37	Initiation and termination of DNA replication during S phase in relation to cyclins D1, E and A, p21 <sup>WAF1</sup> , Cdt1 and the p12 subunit of DNA polymerase $\delta$ revealed in individual cells by cytometry. <i>Oncotarget</i> , 2015, 6, 11735-11750.	0.8	59
38	Gene 33 mediates Cr(VI)-induced DNA damage response. <i>FASEB Journal</i> , 2015, 29, 54.3.	0.2	0
39	Analysis of the factors affecting lymph node metastasis and the prognosis of rectal neuroendocrine tumors. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 13331-8.	0.5	20
40	Recent advances in the ARID family: focusing on roles in human cancer. <i>OncoTargets and Therapy</i> , 2014, 7, 315.	1.0	48
41	Expression of the p12 subunit of human DNA polymerase $\delta$ (Pol $\delta$ ), CDK inhibitor p21 <sup>WAF1</sup> , Cdt1, cyclin A, PCNA and Ki-67 in relation to DNA replication in individual cells. <i>Cell Cycle</i> , 2014, 13, 3529-3540.	1.3	21
42	Attenuation of Replication Stress-Induced Premature Cellular Senescence to Assess Anti-Aging Modalities. <i>Current Protocols in Cytometry</i> , 2014, 69, 9.47.1-9.47.10.	3.7	4
43	In search of antiaging modalities: Evaluation of mTOR and ROS/DNA damage signaling by cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 386-399.	1.1	36
44	Biomarkers of Cell Senescence Assessed by Imaging Cytometry. <i>Methods in Molecular Biology</i> , 2013, 965, 83-92.	0.4	40
45	A new 3D texture feature based computer-aided diagnosis approach to differentiate pulmonary nodules. <i>Proceedings of SPIE</i> , 2013, , .	0.8	6
46	DNA damage signaling, impairment of cell cycle progression, and apoptosis triggered by 5-ethynyl-2-deoxyuridine incorporated into DNA. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 979-988.	1.1	54
47	Berberine suppresses gero-conversion from cell cycle arrest to senescence. <i>Aging</i> , 2013, 5, 623-636.	1.4	55
48	A Humanized Pattern of Aromatase Expression Is Associated with Mammary Hyperplasia in Mice. <i>Endocrinology</i> , 2012, 153, 2701-2713.	1.4	29
49	Persistent DNA damage caused by low levels of mitomycin C induces irreversible cell senescence. <i>Cell Cycle</i> , 2012, 11, 3132-3140.	1.3	46
50	DNA damage signaling assessed in individual cells in relation to the cell cycle phase and induction of apoptosis. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2012, 49, 199-217.	2.7	45
51	Aromatase, breast cancer and obesity: a complex interaction. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 83-89.	3.1	167
52	Frequent Epigenetic Silencing of the Folate-Metabolising Gene Cystathionine-Beta-Synthase in Gastrointestinal Cancer. <i>PLoS ONE</i> , 2012, 7, e49683.	1.1	52
53	Weight gain increases human aromatase expression in mammary gland. <i>Molecular and Cellular Endocrinology</i> , 2012, 355, 114-120.	1.6	15
54	Relationship of DNA damage signaling to DNA replication following treatment with DNA topoisomerase inhibitors camptothecin/topotecan, mitoxantrone, or etoposide. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 45-51.	1.1	39

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55	Attenuation of constitutive DNA damage signaling by 1,25-dihydroxyvitamin D3. <i>Aging</i> , 2012, 4, 270-278.	1.4	50
56	Potential anti-aging agents suppress the level of constitutive mTOR- and DNA damage- signaling. <i>Aging</i> , 2012, 4, 952-965.	1.4	86
57	Inactivating mutations of the chromatin remodeling gene ARID2 in hepatocellular carcinoma. <i>Nature Genetics</i> , 2011, 43, 828-829.	9.4	392
58	ARID2: A new tumor suppressor gene in hepatocellular carcinoma. <i>Oncotarget</i> , 2011, 2, 886-891.	0.8	48
59	Cell fixation in zinc salt solution is compatible with DNA damage response detection by phospho-specific antibodies. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 470-476.	1.1	7
60	Induction of DNA damage signaling by oxidative stress in relation to DNA replication as detected using click chemistry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 897-902.	1.1	38
61	Measuring the Impact of Cigarette Smoke on the UPR. <i>Methods in Enzymology</i> , 2011, 489, 147-164.	0.4	11
62	NEW TRAVELING WAVE SOLUTIONS FOR A CLASS OF NONLINEAR EVOLUTION EQUATIONS. <i>International Journal of Modern Physics B</i> , 2011, 25, 319-327.	1.0	10
63	Genome protective effect of metformin as revealed by reduced level of constitutive DNA damage signaling. <i>Aging</i> , 2011, 3, 1028-1038.	1.4	43
64	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> cotransporter type 2 (NKCC2) isoform A regulates NFAT5 in medullary thick ascending limb (mTAL) cells. <i>FASEB Journal</i> , 2011, 25, 1041.36.	0.2	0
65	Kinetics of the UV-induced DNA damage response in relation to cell cycle phase. Correlation with DNA replication. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 285-293.	1.1	36
66	Rationale for the real-time and dynamic cell death assays using propidium iodide. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 399-405.	1.1	54
67	New biomarkers probing depth of cell senescence assessed by laser scanning cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 999-1007.	1.1	40
68	A new General Algebraic Method and its applications to the (2+1)-dimensional Broer-Kaup-Kupershmidt equations. <i>Applied Mathematics and Computation</i> , 2010, 217, 1719-1732.	1.4	3
69	Activity-Based Metabolomic Profiling of Enzymatic Function: Identification of Rv1248c as a Mycobacterial 2-Hydroxy-3-oxoadipate Synthase. <i>Chemistry and Biology</i> , 2010, 17, 323-332.	6.2	104
70	A protecting group-free synthesis of deazathiamine: A step toward inhibitor design. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6472-6474.	1.0	10
71	ANALYTICAL STUDY ON NONLINEAR DIFFERENTIAL-DIFFERENCE EQUATIONS VIA A NEW METHOD. <i>Modern Physics Letters B</i> , 2010, 24, 761-773.	1.0	1
72	A MODIFIED SYMMETRY REDUCTION METHOD AND ITS APPLICATION IN NONLINEAR VARIABLE COEFFICIENT EVOLUTION EQUATION(S). <i>International Journal of Modern Physics B</i> , 2009, 23, 3753-3763.	1.0	2

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73	NEW TYPES OF MULTIPLE SOLITARY WAVE SOLUTIONS FOR THE HIGH-ORDER BROER&KALUP EQUATIONS. <i>International Journal of Modern Physics B</i> , 2009, 23, 2261-2267.	1.0	2
74	Induction of DNA damage response by the supravital probes of nucleic acids. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 510-519.	1.1	65
75	DNA damage response induced by tobacco smoke in normal human bronchial epithelial and A549 pulmonary adenocarcinoma cells assessed by laser scanning cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 840-847.	1.1	54
76	A novel promoter controls Cyp19a1 gene expression in mouse adipose tissue. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 37.	1.4	39
77	Kinetics of histone H2AX phosphorylation and Chk2 activation in A549 cells treated with topotecan and mitoxantrone in relation to the cell cycle phase. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 480-489.	1.1	42
78	Applications of the generalized algebraic method to special-type nonlinear equations. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 359-369.	2.5	27
79	Construction of a series of travelling wave solutions to nonlinear equations. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 1283-1294.	2.5	8
80	Increased phosphodiesterase 3A/4B expression after angioplasty and the effect on VASP phosphorylation. <i>European Journal of Pharmacology</i> , 2008, 590, 29-35.	1.7	12
81	Phosphorylation of p53 on Ser15 during cell cycle and caused by Topo I and Topo II inhibitors in relation to ATM and Chk2 activation. <i>Cell Cycle</i> , 2008, 7, 3048-3055.	1.3	54
82	The cytotoxic ribonuclease onconase targets RNA interference (siRNA). <i>Cell Cycle</i> , 2008, 7, 3258-3261.	1.3	43
83	Oxidative stress induces cell cycle-dependent Mre11 recruitment, ATM and Chk2 activation and histone H2AX phosphorylation. <i>Cell Cycle</i> , 2008, 7, 1490-1495.	1.3	42
84	NEW SOLITARY WAVE AND JACOBI PERIODIC WAVE EXCITATIONS IN (2+1)-DIMENSIONAL BOITI&LEON&MANNA&PEMPINELLI SYSTEM. <i>International Journal of Modern Physics B</i> , 2008, 22, 2407-2420.	1.0	15
85	Differential effects of phosphodiesterase PDE-3/PDE-4-specific inhibitors on vasoconstriction and cAMP-dependent vasorelaxation following balloon angioplasty. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2973-H2981.	1.5	10
86	Cytometric assessment of DNA damage by exogenous and endogenous oxidants reports aging&related processes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 905-914.	1.1	69
87	A New Class of (2+1)-Dimensional Combined Structures with Completely Elastic and Non-Elastic Interactive Properties. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2006, 61, 53-59.	0.7	2
88	Generalized extended tanh-function method and its application. <i>Chaos, Solitons and Fractals</i> , 2006, 27, 1026-1035.	2.5	86
89	New doubly periodic and multiple soliton solutions of the generalized (3+1)-dimensional Kadomtsev&Petviashvili equation with variable coefficients. <i>Chaos, Solitons and Fractals</i> , 2006, 30, 217-226.	2.5	32
90	Generalized method to construct the solitonic solutions to -dimensional nonlinear equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 354, 428-436.	0.9	17

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91	Complex hyperbolic-function method and its applications to nonlinear equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 355, 32-38.	0.9	27
92	Abundant multisoliton structures of the Konopelchenko-Dubrovsky equation. European Physical Journal D, 2006, 56, 1381-1388.	0.4	5
93	A standard and direct method to obtain multiple soliton solutions of the nonlinear partial differential equation. European Physical Journal D, 2006, 56, 191-199.	0.4	0
94	Application of an extended homogeneous balance method to new exact solutions of nonlinear evolution equations. European Physical Journal D, 2006, 56, 237-242.	0.4	4
95	New explicit and exact solutions for a compound KdV-Burgers equation. European Physical Journal D, 2006, 56, 799-805.	0.4	5
96	Interactions among periodic waves and solitary waves for a higher dimensional system. Journal of Physics A, 2006, 39, 3283-3293.	1.6	11
97	A New Generalized Algebraic Method and its Application in Nonlinear Evolution Equations with Variable Coefficients. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2005, 60, 211-220.	0.7	27
98	New localized structures of a (2+1)-dimensional system obtained by variable separation approach. European Physical Journal B, 2005, 44, 543-550.	0.6	8
99	A Method for Solving Initial-value Problem and Finding Exact Solutions of Nonlinear Partial Differential Equations. European Physical Journal D, 2005, 55, 643-650.	0.4	2
100	GENERAL VARIABLE SEPARATION SOLUTION AND EXOTIC LOCALIZED STRUCTURES OF NEW (2+1)-DIMENSIONAL SOLITON EQUATION. International Journal of Modern Physics B, 2005, 19, 2011-2044.	1.0	5
101	A Novel Class Of Localized Excitations For The (2+1)-Dimensional Higher-Order Broer-Kaup System. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2004, 59, 412-424.	0.7	17
102	Interactions among Peakons, Dromions, and Compactons in (2+1)-Dimensional System. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2004, 59, 729-742.	0.7	9
103	Folded localized excitations of the (2+1)-dimensional (M+N)-component AKNS system. European Physical Journal B, 2004, 42, 581-589.	0.6	17
104	Dromion and Other Exact Solutions of (2+1)-dimensional Higher-order Broer-Kaup System. European Physical Journal D, 2004, 54, 927-939.	0.4	9
105	Protective effect of hyaluronate on oxidative DNA damage in WI-38 and A549 cells. International Journal of Oncology, 1992, 32, 1159-1167.	1.4	26