Qing H Meng

List of Publications by Year
in descending order

84 papers	2,803 citations	172457 29 h-index	189892 50 g-index
84 all docs	84 docs citations	84 times ranked	4857 citing authors

#	Article	IF	Citations
1	Epithelialâ€“Mesenchymal Transitioned Circulating Tumor Cells Capture for Detecting Tumor Progression. Clinical Cancer Research, 2015, 21, 899-906.	7.0	199
2	Potential role of nuclear PD-L1 expression in cell-surface vimentin positive circulating tumor cells as a prognostic marker in cancer patients. Scientific Reports, 2016, 6, 28910.	3.3	152
3	Circulating Tumor Cell Enumeration with a Combination of Epithelial Cell Adhesion Moleculeâ€“ and Cell-Surface Vimentinâ€“Based Methods for Monitoring Breast Cancer Therapeutic Response. Clinical Chemistry, 2015, 61, 259-266.	3.2	151
4	Protective Effect of Hydrogen Sulfide on Balloon Injury-Induced Neointima Hyperplasia in Rat Carotid Arteries. American Journal of Pathology, 2007, 170, 1406-1414.	3.8	128
5	Prognostic significance of pretreatment serum levels of albumin, LDH and total bilirubin in patients with non-metastatic breast cancer. Carcinogenesis, 2015, 36, 243-248.	2.8	124
6	Proinflammatory and proapoptotic effects of methylglyoxal on neutrophils from patients with type 2 diabetes mellitus. Clinical Biochemistry, 2007, 40, 1232-1239.	1.9	119
7	Increased plasma methylglyoxal level, inflammation, and vascular endothelial dysfunction in diabetic nephropathy. Clinical Biochemistry, 2011, 44, 307-311.	1.9	119
8	Evaluation of the interference of hemoglobin, bilirubin, and lipids on Roche Cobas 6000 assays. Clinica Chimica Acta, 2011, 412, 1550-1553.	1.1	108
9	EMT circulating tumor cells detected by cell-surface vimentin are associated with prostate cancer progression. Oncotarget, 2017, 8, 49329-49337.	1.8	105
10	Down-Regulation of mir-221 and mir-222 Restrain Prostate Cancer Cell Proliferation and Migration That Is Partly Mediated by Activation of SIRT1. PLoS ONE, 2014, 9, e98833.	2.5	70
11	MiR-93 Promotes Tumorigenesis and Metastasis of Non-Small Cell Lung Cancer Cells by Activating the PI3K/Akt Pathway via Inhibition of LKB1/PTEN/CDKN1A. Journal of Cancer, 2017, 8, 870-879.	2.5	63
12	Fructose-induced peroxynitrite production is mediated by methylglyoxal in vascular smooth muscle cells. Life Sciences, 2006, 79, 2448-2454.	4.3	57
13	Inhibition of Thioredoxin/Thioredoxin Reductase Induces Synthetic Lethality in Lung Cancers with Compromised Glutathione Homeostasis. Cancer Research, 2019, 79, 125-132.	0.9	56
14	MicroRNA-21 promotes proliferation, migration, and invasion of colorectal cancer, and tumor growth associated with down-regulation of sec23a expression. BMC Cancer, 2016, 16, 605.	2.6	55
15	Pseudohyperkalemia: A new twist on an old phenomenon. Critical Reviews in Clinical Laboratory Sciences, 2015, 52, 45-55.	6.1	53
16	Serum miR-486-5p as a diagnostic marker in cervical cancer: with investigation of potential mechanisms. BMC Cancer, 2018, 18, 61.	2.6	53
17	Effects of methylglyoxal and glyoxalase I inhibition on breast cancer cells proliferation, invasion, and apoptosis through modulation of MAPKs, MMP9, and Bcl-2. Cancer Biology and Therapy, 2016, 17, 169-180.	3.4	51
18	Closing the anion gap: Contribution of d-lactate to diabetic ketoacidosis. Clinica Chimica Acta, 2011, 412, 286-291.	1.1	49

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19	Metformin inhibits prostate cancer cell proliferation, migration, and tumor growth through upregulation of PEDF expression. Cancer Biology and Therapy, 2016, 17, 507-514.	3.4	47
20	Utility of chromogranin A, pancreatic polypeptide, glucagon and gastrin in the diagnosis and followâ€up of pancreatic neuroendocrine tumours in multiple endocrine neoplasia type 1 patients. Clinical Endocrinology, 2016, 85, 400-407.	2.4	45
21	Metformin Inhibits Tumorigenesis and Tumor Growth of Breast Cancer Cells by Upregulating miR-200c but Downregulating AKT2 Expression. Journal of Cancer, 2017, 8, 1849-1864.	2.5	45
22	Personalized Prognostic Prediction Models for Breast Cancer Recurrence and Survival Incorporating Multidimensional Data. Journal of the National Cancer Institute, 2017, 109, .	6.3	42
23	The laboratoryâ€™s role in combating COVID-19. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 400-414.	6.1	42
24	Methylglyoxal Impairs Insulin Secretion of PancreaticÎ²-Cells through Increased Production of ROS and Mitochondrial Dysfunction Mediated by Upregulation of UCP2 and MAPKs. Journal of Diabetes Research, 2016, 2016, 1-14.	2.3	37
25	Elevated lactate in ethylene glycol poisoning: True or false?. Clinica Chimica Acta, 2010, 411, 601-604.	1.1	36
26	Comprehensive assessment of biotin interference in immunoassays. Clinica Chimica Acta, 2018, 487, 293-298.	1.1	36
27	Cypermethrin Promotes Lung Cancer Metastasis via Modulation of Macrophage Polarization by Targeting MicroRNA-155/Bcl6. Toxicological Sciences, 2018, 163, 454-465.	3.1	34
28	Reverse pseudohyperkalemia in heparin plasma samples from a patient with chronic lymphocytic leukemia. Clinical Biochemistry, 2011, 44, 728-730.	1.9	33
29	Tumor characteristics associated with engraftment of patientâ€derived nonâ€“small cell lung cancer xenografts in immunocompromised mice. Cancer, 2019, 125, 3738-3748.	4.1	31
30	Circulating microRNAs as Promising Tumor Biomarkers. Advances in Clinical Chemistry, 2014, 67, 189-214.	3.7	30
31	Detection of circulating tumor cells from cryopreserved human sarcoma peripheral blood mononuclear cells. Cancer Letters, 2017, 403, 216-223.	7.2	29
32	Upregulation of MicroRNA-21 promotes tumorigenesis of prostate cancer cells by targeting KLF5. Cancer Biology and Therapy, 2019, 20, 1149-1161.	3.4	29
33	Interference of ascorbic acid with chemical analytes. Annals of Clinical Biochemistry, 2005, 42, 475-477.	1.6	28
34	Cell-surface vimentinâ€“positive macrophage-like circulating tumor cells as a novel biomarker of metastatic gastrointestinal stromal tumors. OncoImmunology, 2018, 7, e1420450.	4.6	28
35	The diagnostic value of apolipoprotein E in malignant pleural effusion associated with non-small cell lung cancer. Clinica Chimica Acta, 2013, 421, 230-235.	1.1	27
36	Mitochondrial DNA copy number in peripheral blood leukocytes and the aggressiveness of localized prostate cancer. Oncotarget, 2015, 6, 41988-41996.	1.8	26

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37	Low serum testosterone is associated with tumor aggressiveness and poor prognosis in prostate cancer. Oncology Letters, 2017, 13, 1949-1957.	1.8	22
38	Biomarkers for monitoring chemotherapy-induced cardiotoxicity. Critical Reviews in Clinical Laboratory Sciences, 2017, 54, 87-101.	6.1	22
39	Detection of subclinical cardiotoxicity in sarcoma patients receiving continuous doxorubicin infusion or pre-treatment with dexrazoxane before bolus doxorubicin. Cardio-Oncology, 2020, 6, 1.	1.7	22
40	Release of Cardiac Biochemical and Inflammatory Markers in Patients on Cardiopulmonary Bypass Undergoing Coronary Artery Bypass Grafting. Journal of Cardiac Surgery, 2008, 23, 681-687.	0.7	20
41	AACC Practical Recommendations for Implementing and Interpreting SARS-CoV-2 Emergency Use Authorization and Laboratory-Developed Test Serologic Testing in Clinical Laboratories. Clinical Chemistry, 2021, 67, 1188-1200.	3.2	20
42	Modulation of methylglyoxal and glutathione by soybean isoflavones in mild streptozotocin-induced diabetic rats. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 618-623.	2.6	18
43	Lithium heparinised blood-collection tubes give falsely low albumin results with an automated bromcresol green method in haemodialysis patients. Clinical Chemistry and Laboratory Medicine, 2008, 46, 396-400.	2.3	18
44	Blockage of Glyoxalase I Inhibits Colorectal Tumorigenesis and Tumor Growth via Upregulation of STAT1, p53, and Bax and Downregulation of c-Myc and Bcl-2. International Journal of Molecular Sciences, 2017, 18, 570.	4.1	18
45	Variability in the Laboratory Measurement of Cytokines. Archives of Pathology and Laboratory Medicine, 2020, 144, 1230-1233.	2.5	18
46	Rapid, robust, and sustainable antibody responses to mRNA COVID-19 vaccine in convalescent COVID-19 individuals. JCI Insight, 2021, 6, .	5.0	18
47	Influence of Vitamin D2 Percentage on Accuracy of 4 Commercial Total 25-Hydroxyvitamin D Assays. Clinical Chemistry, 2013, 59, 1273-1275.	3.2	17
48	Methylglyoxal suppresses human colon cancer cell lines and tumor growth in a mouse model by impairing glycolytic metabolism of cancer cells associated with down-regulation of c-Myc expression. Cancer Biology and Therapy, 2016, 17, 955-965.	3.4	17
49	A novel <scp>RNA</scp> sequencingâ€based mi<scp>RNA</scp> signature predicts with recurrence and outcome of hepatocellular carcinoma. Molecular Oncology, 2018, 12, 1125-1137.	4.6	16
50	Laboratory approaches for the diagnosis and assessment of hypercalcemia. Critical Reviews in Clinical Laboratory Sciences, 2015, 52, 107-119.	6.1	15
51	Synergistic inhibition of colon cancer growth by the combination of methylglyoxal and silencing of glyoxalase I mediated by the STAT1 pathway. Oncotarget, 2017, 8, 54838-54857.	1.8	15
52	Causes and impact of specimen rejection in a clinical chemistry laboratory. Clinica Chimica Acta, 2016, 458, 154-158.	1.1	14
53	Integrated Analysis of Genome-Wide Copy Number Alterations and Gene Expression Profiling of Lung Cancer in Xuanwei, China. PLoS ONE, 2017, 12, e0169098.	2.5	14
54	d-Lactate: A Novel Contributor to Metabolic Acidosis and High Anion Gap in Diabetic Ketoacidosis. Clinical Chemistry, 2013, 59, 1406-1407.	3.2	13

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55	Impact of the Cardiac Troponin Testing Algorithm on Excessive and Inappropriate Troponin Test Requests. American Journal of Clinical Pathology, 2006, 126, 195-199.	0.7	12
56	A word of caution on using tumor biomarker reference change values to guide medical decisions and the need for alternatives. Clinical Chemistry and Laboratory Medicine, 2022, 60, 553-555.	2.3	12
57	Combination of Prostate Cancer Antigen 3 and Prostate-Specific Antigen Improves Diagnostic Accuracy in Men at Risk of Prostate Cancer. Archives of Pathology and Laboratory Medicine, 2018, 142, 1106-1112.	2.5	11
58	Variants with a low allele frequency detected in genomic DNA affect the accuracy of mutation detection in cellâ€free DNA by nextâ€generation sequencing. Cancer, 2018, 124, 1061-1069.	4.1	11
59	Poor performance of D-dimer in excluding venous thromboembolism among patients with lymphoma and leukemia. Haematologica, 2019, 104, e265-e268.	3.5	11
60	Rare osteosarcoma cell subpopulation protein array and profiling using imaging mass cytometry and bioinformatics analysis. BMC Cancer, 2020, 20, 715.	2.6	9
61	Prodrug oncrasin-266 improves the stability, pharmacokinetics, and safety of NSC-743380. Bioorganic and Medicinal Chemistry, 2014, 22, 5234-5240.	3.0	8
62	Hepatic transcriptome analysis from HFD-fed mice defines a long noncoding RNA regulating cellular cholesterol levels. Journal of Lipid Research, 2019, 60, 341-352.	4.2	8
63	Assessment of Prognostic Value of High-Sensitivity Cardiac Troponin T for Early Prediction of Chemoradiation Therapy-Induced Cardiotoxicity in Patients with Non-Small Cell Lung Cancer: A Secondary Analysis of a Prospective Randomized Trial. International Journal of Radiation Oncology Biology Physics, 2021, 111, 907-916.	0.8	8
64	Cardiac Troponin Is a Predictor of Septic Shock Mortality in Cancer Patients in an Emergency Department: A Retrospective Cohort Study. PLoS ONE, 2016, 11, e0153492.	2.5	8
65	Severe Hypophosphatemia in a 79-Year-Old Man. Clinical Chemistry, 2014, 60, 928-931.	3.2	6
66	A rapid ultra-performance LC-MS/MS assay for determination of serum unbound fraction of voriconazole in cancer patients. Clinica Chimica Acta, 2018, 486, 36-41.	1.1	6
67	Vitamin C and aberrant electrolyte results. Clinical Chemistry and Laboratory Medicine, 2005, 43, 454-6.	2.3	5
68	KRT-232 and navitoclax enhance trametinib's anti-Cancer activity in non-small cell lung cancer patient-derived xenografts with KRAS mutations. American Journal of Cancer Research, 2020, 10, 4464-4475.	1.4	5
69	Heat-insoluble cryoglobulin in a patient with essential type II cryoglobulinemia and cryoglobulin-occlusive membranoproliferative glomerulonephritis: Case report and literature review. Clinica Chimica Acta, 2009, 406, 170-173.	1.1	4
70	Itâ€™s Not Easy Being Blue-Green. Annals of Laboratory Medicine, 2013, 33, 457-458.	2.5	4
71	A Case of Green Blood. Clinical Chemistry, 2014, 60, 695-696.	3.2	4
72	Evaluation of a Nanoparticle-Based Busulfan Immunoassay for Rapid Analysis on Routine Clinical Analyzers. Therapeutic Drug Monitoring, 2021, 43, 766-771.	2.0	4

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73	A young boy with recurrent headache, lethargy, and hyponatremia. Clinica Chimica Acta, 2016, 454, 46-48.	1.1	3
74	An eight-year epidemiologic study of head and neck tuberculosis in Texas, USA. Tuberculosis, 2019, 116, S71-S77.	1.9	3
75	Evolving hyperthyroidism?. Clinical Biochemistry, 2020, 75, 83-84.	1.9	2
76	A Patient with Persistent Lactation and Recurrent Hypercalcemia. Clinical Chemistry, 2015, 61, 1328-1331.	3.2	1
77	Early Detection of Doxorubicin-Induced Cardiotoxicity With High-Sensitivity Troponin T in Chemotherapy-Treated Patients. American Journal of Clinical Pathology, 2018, 150, S162-S162.	0.7	1
78	Factual or Factitious Hypocalcemia?. journal of applied laboratory medicine, The, 2018, 3, 518-520.	1.3	1
79	A Patient with Severe Hyperkalemia. Clinical Chemistry, 2018, 64, 1673-1673.	3.2	1
80	Glutathione reductase () gene deletion and chromosome 8 aneuploidy in primary lung cancers detected by fluorescence in situ hybridization. American Journal of Cancer Research, 2019, 9, 1201-1211.	1.4	1
81	Falsely elevated tacrolimus concentrations on the Dimension Xpand. Clinical Biochemistry, 2015, 48, 1210.	1.9	0
82	Where Is the PSA?. Clinical Chemistry, 2016, 62, 1281-1282.	3.2	0
83	What's Missing?. Clinical Chemistry, 2016, 62, 1037-1038.	3.2	0
84	Are Arterial Blood Samples Acceptable for Chemistry Testing in Laboratory Practice?. journal of applied laboratory medicine, The, 2021, 6, 1380-1383.	1.3	0