Xinqi Cheng

List of Publications by Year
in descending order

63	825	516710	610901
papers	citations	16	24
		h-index	g-index

72	72	72	1076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The High Prevalence of Hypovitaminosis D in China. Medicine (United States), 2015, 94, e585.	1.0	111
2	Reference ranges for serum insulin-like growth factor I (IGF-I) in healthy Chinese adults. PLoS ONE, 2017, 12, e0185561.	2.5	55
3	Data mining: Seasonal and temperature fluctuations in thyroid-stimulating hormone. Clinical Biochemistry, 2018, 60, 59-63.	1.9	41
4	Real-world big-data studies in laboratory medicine: Current status, application, and future considerations. Clinical Biochemistry, 2020, 84, 21-30.	1.9	32
5	Nationwide Multicenter Reference Interval Study for 28 Common Biochemical Analytes in China. Medicine (United States), 2016, 95, e2915.	1.0	29
6	Validation of a simple inductively coupled plasma mass spectrometry method for detecting urine and serum iodine and evaluation of iodine status of pregnant women in Beijing. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 501-507.	1.2	27
7	Reference intervals for thyroid-stimulating hormone, free thyroxine, and free triiodothyronine in elderly Chinese persons. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1044-1052.	2.3	26
8	An update on the clinical diagnostic value of β-hCG and αFP for intracranial germ cell tumors. European Journal of Medical Research, 2016, 21, 10.	2.2	24
9	Improved glomerular filtration rate estimation using New equations combined with standardized cystatin C and creatinine in Chinese adult chronic kidney disease patients. Clinical Biochemistry, 2014, 47, 1220-1226.	1.9	21
10	Reference Intervals for Thyroid-Associated Hormones and the Prevalence of Thyroid Diseases in the Chinese Population. Annals of Laboratory Medicine, 2021, 41, 77-85.	2.5	21
11	Effects of sex, age, sampling time, and season on thyroid-stimulating hormone concentrations: A retrospective study. Biochemical and Biophysical Research Communications, 2018, 506, 450-454.	2.1	20
12	Validation of an improved liquid chromatography tandem mass spectrometry method for rapid and simultaneous analysis of plasma catecholamine and their metabolites. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1129, 121805.	2.3	20
13	Validation of an approach using only patient big data from clinical laboratories to establish reference intervals for thyroid hormones based on data mining. Clinical Biochemistry, 2020, 80, 25-30.	1.9	19
14	Determination of 1,25-dihydroxyvitamin D 2 and 1,25-dihydroxyvitamin D 3 in human serum using liquid chromatography with tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1027, 19-26.	2.3	18
15	GnRHa for Ovarian Protection and the Association between AMH and Ovarian Function during Adjuvant Chemotherapy for Breast Cancer. Journal of Cancer, 2019, 10, 4278-4285.	2.5	18
16	Sigma metrics for assessing the analytical quality of clinical chemistry assays: a comparison of two approaches. Biochemia Medica, 2018, 28, 020708.	2.7	18
17	Biological variations of seven tumor markers. Clinica Chimica Acta, 2015, 450, 233-236.	1.1	17
18	Establishing reference intervals for sex hormones and SHBG in apparently healthy Chinese adult men based on a multicenter study. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1152-1160.	2.3	16

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19	Establishing reference intervals for urine and serum iodine levels: A nationwide multicenter study of a euthyroid Chinese population. Clinica Chimica Acta, 2020, 502, 34-40.	1.1	15
20	Establishing thresholds and effects of gender, age, and season for thyroglobulin and thyroid peroxidase antibodies by mining real-world big data. Clinical Biochemistry, 2019, 74, 36-41.	1.9	14
21	The shape of the glucose response curve during an oral glucose tolerance test heralds β−cell function in a large Chinese population. BMC Endocrine Disorders, 2019, 19, 119.	2.2	14
22	25OHD analogues and vacuum blood collection tubes dramatically affect the accuracy of automated immunoassays. Scientific Reports, 2015, 5, 14636.	3.3	13
23	Establishing age-specific reference intervals for anti-Müllerian hormone in adult Chinese women based on a multicenter population. Clinica Chimica Acta, 2017, 474, 70-75.	1.1	13
24	Is it necessary for all samples to quantify 25OHD$_2$ and 25OHD$_3$ using LC-MS/MS in clinical practice?. Clinical Chemistry and Laboratory Medicine, 2018, 56, 273-277.	2.3	12
25	Rapid liquid chromatography-tandem mass spectrometry method for determination of 24,25(OH)2D and 25OHD with efficient separation of 3-epi analogs. Journal of Steroid Biochemistry and Molecular Biology, 2019, 187, 146-151.	2.5	11
26	Nationwide Chinese study for establishing reference intervals for thyroid hormones and related tests. Clinica Chimica Acta, 2019, 496, 62-67.	1.1	10
27	Iodine status of euthyroid adults: A cross-sectional, multicenter study. Journal of Clinical Laboratory Analysis, 2019, 33, e22837.	2.1	10
28	Establishment of variation source and age-related reference interval models for 22 common biochemical analytes in older people using real-world big data mining. Age and Ageing, 2020, 49, 1062-1070.	1.6	10
29	Data mining: Seasonal fluctuations and associations between thyroid stimulating hormone and lipid profiles. Clinica Chimica Acta, 2020, 506, 122-128.	1.1	10
30	An evaluation of urine and serum iodine status in the population of Tibet, China: No longer an iodine-deficient region. Nutrition, 2021, 82, 111033.	2.4	9
31	Effect of sample size and the traditional parametric, nonparametric, and robust methods on the establishment of reference intervals: Evidence from real world data. Clinical Biochemistry, 2021, 92, 67-70.	1.9	9
32	Validation and comparison of a rapid liquid chromatography tandem mass spectrometry method for serum 25OHD with the efficiency of separating 3-epi 25OHD3. Clinical Biochemistry, 2016, 49, 1004-1008.	1.9	8
33	Copeptin as a Diagnostic and Prognostic Biomarker in Cardiovascular Diseases. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	8
34	A Multicenter Reference Intervals Study for Specific Proteins in China. Medicine (United States), 2015, 94, e2211.	1.0	7
35	Comparison of Six Automated Immunoassays With Isotope-Diluted Liquid Chromatography–Tandem Mass Spectrometry for Total Thyroxine Measurement. Annals of Laboratory Medicine, 2019, 39, 381-387.	2.5	7
36	Clinical diagnostic performance of a fully automated TSI immunoassay vs. that of an automated anti-TSHR immunoassay for Graves' disease: a Chinese multicenter study. Endocrine, 2021, 71, 139-148.	2.3	7

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37	Copeptin in fluid disorders and stress. Clinica Chimica Acta, 2022, 529, 46-60.	1.1	7
38	Long-term ambient PM2.5 exposure associated with cardiovascular risk factors in Chinese less educated population. BMC Public Health, 2021, 21, 2241.	2.9	7
39	Comparison of three different assays for measuring thyroglobulin and thyroglobulin antibodies in patients with chronic lymphocytic thyroiditis. Clinical Biochemistry, 2017, 50, 1183-1187.	1.9	6
40	Analytical and Clinical Performance of a Liquid Chromatographyâ€"Tandem Mass Spectrometry Method for Measuring Gastrin Subtypes G34 and G17 in Serum. Clinical Chemistry, 2021, 67, 1220-1229.	3.2	6
41	Anti-MÃ¼llerian hormone levels in patients with gestational trophoblastic neoplasia treated with different chemotherapy regimens: a prospective cohort study. Oncotarget, 2017, 8, 113920-113927.	1.8	6
42	Sources of variation evaluation of 24,25(OH)2D levels and the ratio of 25OHD to 24,25(OH)2D in apparently healthy Chinese adults: a multicenter cross-sectional study. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105407.	2.5	5
43	Centrosome-associated CDC25B is a novel disease-causing gene for a syndrome with cataracts, dilated cardiomyopathy, and multiple endocrinopathies. Clinica Chimica Acta, 2020, 504, 81-87.	1.1	5
44	Rapid inductively coupled plasma mass spectrometry method to determine iodine in amniotic fluid, breast milk and cerebrospinal fluid. Clinical Biochemistry, 2020, 82, 99-104.	1.9	5
45	HbG-Coushatta: An unexpected discovery during HbA1c measurement. Clinica Chimica Acta, 2015, 444, 163-166.	1.1	4
46	Negative interferences by calcium dobesilate in the detection of five serum analytes involving Trinder reaction-based assays. PLoS ONE, 2018, 13, e0192440.	2.5	4
47	Measuring lipoproteinâ€associated phospholipase A2 activity in China: Protocol comparison and recalibration. Journal of Clinical Laboratory Analysis, 2019, 33, e22628.	2.1	4
48	Effect of sampling time on estimates of thyroid-stimulating hormone, free thyroxine, and free triiodothyronine levels. Scandinavian Journal of Clinical and Laboratory Investigation, 2019, 79, 459-462.	1.2	4
49	Low HbA1c With Normal Hemoglobin in a Diabetes Patient Caused by PIEZO1 Gene Variant: A Case Report. Frontiers in Endocrinology, 2020, 11, 356.	3.5	4
50	Analytical evaluation of three soluble transferrin receptor measurement systems for diagnosis of iron deficiency anemia: A retrospective study. Journal of Clinical Laboratory Analysis, 2020, 34, e23342.	2.1	4
51	Gender- and age-specific reference intervals of common biochemical analytes in chinese population â€" derivation using real laboratory data. Journal of Medical Biochemistry, 2019, 39, 384-391.	1.7	4
52	Establishment of Reference Interval and Aging Model of Homocysteine Using Real-World Data. Frontiers in Cardiovascular Medicine, 2022, 9, 846685.	2.4	4
53	Calcium dobesilate: A drug treatment for diabetic retinopathy can negatively interfere with the measurement of glycated albumin using the enzymatic method. Clinica Chimica Acta, 2018, 483, 1-5.	1.1	3
54	Rapid liquid chromatography-tandem mass spectrometry to determine very-long-chain fatty acids in human and to establish reference intervals for the Chinese population. Clinica Chimica Acta, 2019, 495, 185-190.	1.1	3

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55	Comparison of four matrixes for diluting insulin in routine clinical measurements. Journal of Clinical Laboratory Analysis, 2020, 34, e23396.	2.1	3
56	Blood Collection Tubes and Storage Temperature Should Be Evaluated when Using the Siemens ADVIA Centaur XP for Measuring 25-Hydroxyvitamin D. PLoS ONE, 2016, 11, e0166327.	2.5	3
57	Survivin overexpression is potentially associated with pituitary adenoma invasiveness. Oncotarget, 2017, 8, 105637-105647.	1.8	3
58	Data mining: traditional spring festival associated with hypercholesterolemia. BMC Cardiovascular Disorders, 2021, 21, 526.	1.7	3
59	Establishment of Reference Intervals for Thyroid-Associated Hormones Using refineR Algorithm in Chinese Population at High-Altitude Areas. Frontiers in Endocrinology, 2022, 13, 816970.	3.5	3
60	Evaluation of bone metabolismâ€associated biomarkers in Tibet, China. Journal of Clinical Laboratory Analysis, 2021, 35, e24068.	2.1	2
61	Data mining: The association of 2â€h postprandial plasma glucose with the fasting plasma glucose in a large Chinese population. Journal of Clinical Laboratory Analysis, 2020, 34, e23404.	2.1	1
62	Plasma or serum, which is the better choice for the measurement of metanephrines?. Scandinavian Journal of Clinical and Laboratory Investigation, 2021, 81, 250-253.	1.2	1
63	Comparison of glycation degrees of HbG-Coushatta and HbG-Taipei with HbA using liquid chromatography with tandem mass spectrometry. Clinica Chimica Acta, 2021, 521, 144-150.	1.1	0