

Songcheng Yu

List of Publications by Year in descending order

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79
papers

1,247
citations

394421

19
h-index

454955

30
g-index

79
all docs

79
docs citations

79
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D receptor methylation attenuates the association between physical activity and type 2 diabetes mellitus: A case-control study. <i>Journal of Diabetes</i> , 2022, 14, 97-103.	1.8	3
2	A digital immuno-PCR assay for simultaneous determination of 5-methylcytosine and 5-hydroxymethylcytosine in human serum. <i>Analytica Chimica Acta</i> , 2022, 1192, 339321.	5.4	4
3	New horizons in the identification of circulating tumor cells (CTCs): An emerging paradigm shift in cytosensors. <i>Biosensors and Bioelectronics</i> , 2022, 203, 114043.	10.1	13
4	Physical activity attenuated the association of air pollutants with telomere length in rural Chinese adults. <i>Science of the Total Environment</i> , 2021, 759, 143491.	8.0	10
5	The association between dietary patterns with type 2 diabetes mellitus and pre-diabetes in the Henan rural cohort study. <i>Public Health Nutrition</i> , 2021, 24, 5443-5452.	2.2	6
6	Independent and combined associations of solid-fuel use and smoking with obesity among rural Chinese adults. <i>Environmental Science and Pollution Research</i> , 2021, 28, 33613-33622.	5.3	5
7	Associations of spicy food flavour and intake frequency with blood lipid levels and risk of abnormal serum lipid levels in Chinese rural population: a cross-sectional study. <i>Public Health Nutrition</i> , 2021, 24, 1-10.	2.2	6
8	Long-term exposure to PM1 and PM2.5 is associated with serum cortisone level and meat intake plays a moderation role. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112133.	6.0	1
9	Physical activity counteracted associations of exposure to mixture of air pollutants with mitochondrial DNA copy number among rural Chinese adults. <i>Chemosphere</i> , 2021, 272, 129907.	8.2	12
10	Heritability Estimation and Environmental Risk Assessment for Type 2 Diabetes Mellitus in a Rural Region in Henan, China: Family-Based and Case-Control Studies. <i>Frontiers in Public Health</i> , 2021, 9, 690889.	2.7	1
11	A homogeneous electrochemical aptasensor based on DNA assembly for zearalenone detection. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1998-2005.	1.4	4
12	Long-term exposure to particulate matter and residential greenness in relation to androgen and progesterone levels among rural Chinese adults. <i>Environment International</i> , 2021, 153, 106483.	10.0	17
13	Interaction between testosterone and obesity on hypertension: A population-based cross-sectional study. <i>Atherosclerosis</i> , 2021, 330, 14-21.	0.8	8
14	Associations of serum androgens with coronary heart disease and interaction with age: The Henan Rural Cohort Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3352-3358.	2.6	5
15	Magnetic beads-assisted fluorescence aptasensing approach based on dual DNA tweezers for detection of ochratoxin A and fumonisin B1 in wine and corn. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6677-6685.	3.7	6
16	Detection of the level of DNMT1 based on self-assembled probe signal amplification technique in plasma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120020.	3.9	5
17	Associations of solid fuel use and ambient air pollution with estimated 10-year atherosclerotic cardiovascular disease risk. <i>Environment International</i> , 2021, 157, 106865.	10.0	22
18	In situ detection of plasma exosomal microRNA for lung cancer diagnosis using duplex-specific nuclease and MoS ₂ nanosheets. <i>Analyst</i> , 2021, 146, 1924-1931.	3.5	27

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19	Epigenetic-Based Biomarkers in the Malignant Transformation of BEAS-2B Cells Induced by Coal Tar Pitch Extract. <i>Medicina (Lithuania)</i> , 2021, 57, 24.	2.0	4
20	A highly sensitive colorimetric aptasensor for the detection of the vascular endothelial growth factor in human serum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117622.	3.9	24
21	Reproducibility and validity of an FFQ in the Henan Rural Cohort Study. <i>Public Health Nutrition</i> , 2020, 23, 34-40.	2.2	49
22	A Novel Cell-Assisted Enhanced Chemiluminescence Strategy for Rapid and Label-Free Detection of Tumor Cells in Whole Blood. <i>ACS Sensors</i> , 2020, 5, 440-446.	7.8	11
23	New evidence for associations between vitamin D receptor polymorphism and obesity: case-control and family-based studies. <i>Journal of Human Genetics</i> , 2020, 65, 281-285.	2.3	6
24	Associations of SRD5A1 gene variants and testosterone with dysglycemia: Henan Rural Cohort study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 599-607.	2.6	2
25	Polymorphism in the Androgen Biosynthesis Gene (CYP17), a Risk for Prostate Cancer: A Meta-Analysis. <i>American Journal of Men's Health</i> , 2020, 14, 155798832095998.	1.6	2
26	Association between daily egg intake and lipid profiles in adults from the Henan rural cohort study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2171-2179.	2.6	4
27	Mediation effect of body mass index on the association between spicy food intake and hyperuricemia in rural Chinese adults: the Henan rural cohort study. <i>BMC Public Health</i> , 2020, 20, 1629.	2.9	8
28	Association of long-term exposure to ambient air pollutants with prolonged sleep latency: The Henan Rural Cohort Study. <i>Environmental Research</i> , 2020, 191, 110116.	7.5	14
29	Highly Sensitive Fluorescence-Linked Immunosorbent Assay for the Determination of Human IgG in Serum Using Quantum Dot Nanobeads and Magnetic Fe ₃ O ₄ Nanospheres. <i>ACS Omega</i> , 2020, 5, 23229-23236.	3.5	22
30	The association between frequency of away-from home meals and type 2 diabetes mellitus in rural Chinese adults: the Henan Rural Cohort Study. <i>European Journal of Nutrition</i> , 2020, 59, 3815-3825.	3.9	14
31	Mineralocorticoids, glucose homeostasis and type 2 diabetes mellitus: The Henan Rural Cohort study. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107558.	2.3	3
32	CYP27B1 as an instrument gene to investigate the causal relationship between vitamin D deficiency and obesity: a family-based study. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 806-810.	2.9	5
33	Fluorometric immunoassay for the simultaneous determination of the tumor markers carcinoembryonic antigen and cytokeratin 19 fragment using two kinds of CdSe/ZnS quantum dot nanobeads and magnetic beads. <i>Mikrochimica Acta</i> , 2020, 187, 171.	5.0	19
34	Effect of Vitamin D on Blood Pressure and Hypertension in the General Population: An Update Meta-Analysis of Cohort Studies and Randomized Controlled Trials. <i>Preventing Chronic Disease</i> , 2020, 17, E03.	3.4	61
35	Association between long-term exposure to ambient air pollutants and excessive daytime sleepiness in Chinese rural population: The Henan Rural Cohort Study. <i>Chemosphere</i> , 2020, 248, 126103.	8.2	9
36	Effect of Drying Temperatures on the Peanut Quality during Hot Air Drying. <i>Journal of Oleo Science</i> , 2020, 69, 403-412.	1.4	22

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37	Serum cortisone and glucocorticoid receptor gene (NR3C1) polymorphism in human dysglycemia. <i>Hormones</i> , 2020, 19, 385-393.	1.9	3
38	Associations of Socioeconomic Status and Physical Activity With Obesity Measures in Rural Chinese Adults. <i>Frontiers in Public Health</i> , 2020, 8, 594874.	2.7	4
39	<p>Simultaneous Detection of VEGF and CEA by Time-Resolved Chemiluminescence Enzyme-Linked Aptamer Assay</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9975-9985.	6.7	10
40	Association between dietary patterns and dyslipidemia in adults from the Henan Rural Cohort Study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2020, 29, 299-308.	0.4	4
41	Antidiabetic effects of pterostilbene through PI3K/Akt signal pathway in high fat diet and STZ-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2019, 859, 172526.	3.5	56
42	Magnetic-assisted self-assembled aptamer/protein hybrid probes for efficient capture and rapid detection of cancer cells in whole blood. <i>Talanta</i> , 2019, 205, 120129.	5.5	18
43	Simultaneous detection of carcinoembryonic antigen and neuron-specific enolase in human serum based on time-resolved chemiluminescence immunoassay. <i>Analyst, The</i> , 2019, 144, 4813-4819.	3.5	20
44	Diagnostic Value of Plasma MicroRNAs for Lung Cancer Using Support Vector Machine Model. <i>Journal of Cancer</i> , 2019, 10, 5090-5098.	2.5	15
45	Exogenous Let-7a-5p Induces A549 Lung Cancer Cell Death Through BCL2L1-Mediated PI3K ³ Signaling Pathway. <i>Frontiers in Oncology</i> , 2019, 9, 808.	2.8	42
46	Association of serum testosterone with different classes of glucose metabolism and the mediation effect of obesity: The Henan Rural Cohort Study. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3133.	4.0	29
47	Gender-Specific Independent and Combined Effects of the Cortisol-to-Cortisone Ratio and 11-Deoxycortisol on Prediabetes and Type 2 Diabetes Mellitus: From the Henan Rural Cohort Study. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-8.	2.3	9
48	Associations of <i>CYP24A1</i> copy number variation with vitamin D deficiency and insulin secretion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1367-1370.	1.9	0
49	Family-based Association between Allele T of rs4646536 in CYP27B1 and vitamin D deficiency. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22898.	2.1	5
50	Enhanced chemiluminescence enzyme-linked immunoassay for the determination of DNA methyltransferase 1 in human serum. <i>Luminescence</i> , 2019, 34, 368-374.	2.9	9
51	Cohort Profile: The Henan Rural Cohort: a prospective study of chronic non-communicable diseases. <i>International Journal of Epidemiology</i> , 2019, 48, 1756-1756j.	1.9	192
52	Vitamin D receptor gene polymorphisms are associated with triceps skin fold thickness and body fat percentage but not with body mass index or waist circumference in Han Chinese. <i>Lipids in Health and Disease</i> , 2019, 18, 97.	3.0	14
53	Development of a rapid and sensitivity magnetic chemiluminescence immunoassay for DNA methyltransferase 1 in human serum. <i>Chinese Chemical Letters</i> , 2019, 30, 1031-1034.	9.0	24
54	The structural characteristics of mononuclear-macrophage membrane observed by atomic force microscopy. <i>Journal of Structural Biology</i> , 2019, 206, 314-321.	2.8	5

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55	Self-assembled poly-HRP dual signal amplification strategy for high-sensitive detection of circulating miR-142-3p in human serum. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 440-446.	7.8	15
56	Effect of vitamin D supplementation on fasting plasma glucose, insulin resistance and prevention of type 2 diabetes mellitus in non-diabetics: A systematic review and meta-analysis. <i>Biomedical Reports</i> , 2018, 8, 475-484.	2.0	30
57	Methylation in 3' near region of GC gene and its association with the level of vitamin D binding protein and type 2 diabetes mellitus. <i>Nutrition Research</i> , 2018, 54, 52-59.	2.9	4
58	Maternal transmission disequilibrium of rs2248359 in type 2 diabetes mellitus families and its association with vitamin D level in offspring. <i>Scientific Reports</i> , 2018, 8, 1345.	3.3	9
59	Transmission disequilibrium of rs4809957 in type 2 diabetes mellitus families and its association with vitamin D deficiency: A family-based case-control study. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 406-410.	2.3	3
60	An ultrasensitive chemiluminescence immunoassay for fumonisin B ₁ detection in cereals based on gold-coated magnetic nanoparticles. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 3384-3390.	3.5	22
61	Detecting the polymorphism of <i>TERF1</i> gene by an improved PCR-RFLP method. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, .	2.1	5
62	A lateral flow assay for simultaneous detection of Deoxynivalenol, Fumonisin B1 and Aflatoxin B1. <i>Toxicon</i> , 2018, 156, 23-27.	1.6	40
63	Sex-specific relationship between visceral fat index and dyslipidemia in Chinese rural adults: The Henan Rural Cohort Study. <i>Preventive Medicine</i> , 2018, 116, 104-111.	3.4	18
64	NF-E2-related factor 2 serves a key function in resistance to malignant transformation of BEAS-2B cells induced by coal tar pitch. <i>Oncology Letters</i> , 2018, 15, 5143-5148.	1.8	5
65	Characteristic and influencing factors of Taqman genotyping calling error. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22613.	2.1	4
66	Triangular relationship between CYP2R1 gene polymorphism, serum 25(OH)D3 levels and T2DM in a Chinese rural population. <i>Gene</i> , 2018, 678, 172-176.	2.2	12
67	Dyslipidemia prevalence, awareness, treatment, control, and risk factors in Chinese rural population: the Henan rural cohort study. <i>Lipids in Health and Disease</i> , 2018, 17, 119.	3.0	69
68	Association between "solute carrier family 30 member 8" (SLC30A8) gene polymorphism and susceptibility to type 2 diabetes mellitus in Chinese Han and minority populations: an updated meta-analysis. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2018, 27, 1374-1390.	0.4	5
69	Abstract P187: Elevated Resting Heart Rate is Associated With Dyslipidemia in Chinese Rural Population: The Henan Rural Cohort Study. <i>Hypertension</i> , 2018, 72, .	2.7	0
70	Study and evaluation the impact of vitamin D receptor variants on the risk of type 2 diabetes mellitus in Han Chinese. <i>Journal of Diabetes</i> , 2017, 9, 275-284.	1.8	17
71	The factors affecting the reproducibility of micro-volume DNA mass quantification in Nanodrop 2000 spectrophotometer. <i>Optik</i> , 2017, 145, 555-560.	2.9	18
72	Application of artificial neural network model combined with four biomarkers in auxiliary diagnosis of lung cancer. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 1239-1248.	2.8	23

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73	The Dynamics of Type 2 Diabetes Mellitus Prevalence and Management Rates among Rural Population in Henan Province, China. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	2.3	15
74	Detection of the Single Nucleotide Polymorphism at Position rs2735940 in the Human Telomerase Reverse Transcriptase Gene by the Introduction of a New Restriction Enzyme Site for the PCR-RFLP Assay. <i>Annals of Clinical and Laboratory Science</i> , 2017, 47, 546-550.	0.2	1
75	An Improved PCR-RFLP Assay for the Detection of a Polymorphism rs2289487 of <i>PLIN1</i> Gene. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 986-989.	2.1	9
76	Application of created restriction site PCR-RFLP to identify POT1 gene polymorphism. <i>Biochemistry (Moscow)</i> , 2016, 81, 624-627.	1.5	3
77	Detection of the rs10250202 polymorphism in protection of telomeres 1 gene through introducing a new restriction enzyme site for PCR-RFLP assay. <i>SpringerPlus</i> , 2016, 5, 592.	1.2	4
78	Which one of the two common reporter systems is more suitable for chemiluminescent enzyme immunoassay: alkaline phosphatase or horseradish peroxidase?. <i>Luminescence</i> , 2016, 31, 888-892.	2.9	10
79	Optimization of condition for conjugation of enrofloxacin to enzymes in chemiluminescence enzyme immunoassay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 47-51.	3.9	13