

Xiong Guo

List of Publications by Year in descending order

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Version: 2024-02-01

157
papers

2,409
citations

304743

22
h-index

315739

38
g-index

160
all docs

160
docs citations

160
times ranked

3190
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9 for genome editing: progress, implications and challenges. <i>Human Molecular Genetics</i> , 2014, 23, R40-R46.	2.9	487
2	The role of selenium metabolism and selenoproteins in cartilage homeostasis and arthropathies. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1198-1208.	7.7	80
3	Prevalence of Selenium, T-2 Toxin, and Deoxynivalenol in Kashin-Beck Disease Areas in Qinghai Province, Northwest China. <i>Biological Trace Element Research</i> , 2016, 171, 34-40.	3.5	59
4	The Role of Mitochondria in T-2 Toxin-Induced Human Chondrocytes Apoptosis. <i>PLoS ONE</i> , 2014, 9, e108394.	2.5	49
5	The effects of T-2 toxin on the prevalence and development of Kashin-Beck disease in China: a meta-analysis and systematic review. <i>Toxicology Research</i> , 2016, 5, 731-751.	2.1	43
6	Comparison of the major cell populations among osteoarthritis, Kashin-Beck disease and healthy chondrocytes by single-cell RNA-seq analysis. <i>Cell Death and Disease</i> , 2021, 12, 551.	6.3	42
7	Identification of differentially expressed microRNAs involved in non-traumatic osteonecrosis through microRNA expression profiling. <i>Gene</i> , 2015, 565, 22-29.	2.2	39
8	The Survey of Birth Defects Rate Based on Birth Registration System. <i>Chinese Medical Journal</i> , 2015, 128, 7-14.	2.3	38
9	Advances in Biosensors, Chemosensors and Assays for the Determination of Fusarium Mycotoxins. <i>Toxins</i> , 2016, 8, 161.	3.4	36
10	Serious Selenium Deficiency in the Serum of Patients with Kashin-Beck Disease and the Effect of Nano-Selenium on Their Chondrocytes. <i>Biological Trace Element Research</i> , 2020, 194, 96-104.	3.5	35
11	Genome-wide DNA methylation profile analysis identifies differentially methylated loci associated with ankylosis spondylitis. <i>Arthritis Research and Therapy</i> , 2017, 19, 177.	3.5	34
12	Associations Between Selenium Content in Hair and Kashin-Beck Disease/Keshan Disease in Children in Northwestern China: a Prospective Cohort Study. <i>Biological Trace Element Research</i> , 2018, 184, 16-23.	3.5	33
13	A Genome-wide Expression Association Analysis Identifies Genes and Pathways Associated with Amyotrophic Lateral Sclerosis. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 635-639.	3.3	30
14	Screening for Differentially Expressed Circular RNAs in the Cartilage of Osteoarthritis Patients for Their Diagnostic Value. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 706-716.	0.7	30
15	A large-scale integrative analysis of GWAS and common meQTLs across whole life course identifies genes, pathways and tissue/cell types for three major psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 347-352.	6.1	29
16	Systematic Evaluation of the In-Sample Stability of Selected Pharmaceuticals, Illicit Drugs, and Their Metabolites in Wastewater. <i>Environmental Science & Technology</i> , 2021, 55, 7418-7429.	10.0	29
17	Preliminary Exploration of hsa_circ_0032131 Levels in Peripheral Blood as a Potential Diagnostic Biomarker of Osteoarthritis. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 717-721.	0.7	28
18	A Genomewide Integrative Analysis of GWAS and eQTLs Data Identifies Multiple Genes and Gene Sets Associated with Obesity. <i>BioMed Research International</i> , 2018, 2018, 1-5.	1.9	27

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19	Abnormal expression of chondroitin sulphate N-acetylgalactosaminyltransferase 1 and Hapln-1 in cartilage with Kashin-Beck disease and primary osteoarthritis. <i>International Orthopaedics</i> , 2013, 37, 2051-2059.	1.9	25
20	Selenophosphate synthetase 1 and its role in redox homeostasis, defense and proliferation. <i>Free Radical Biology and Medicine</i> , 2018, 127, 190-197.	2.9	25
21	Integrating genome-wide association study and expression quantitative trait locus study identifies multiple genes and gene sets associated with schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 50-54.	4.8	24
22	Is It the Appropriate Time to Stop Applying Selenium Enriched Salt in Kashin-Beck Disease Areas in China?. <i>Nutrients</i> , 2015, 7, 6195-6212.	4.1	23
23	Role of inflammation in the process of clinical Kashin-Beck disease: latest findings and interpretations. <i>Inflammation Research</i> , 2015, 64, 853-860.	4.0	23
24	Selenium and Iodine Levels in Subjects with Kashin-Beck Disease: a Meta-analysis. <i>Biological Trace Element Research</i> , 2016, 170, 43-54.	3.5	23
25	Screening for differentially expressed circRNA between Kashin-Beck disease and osteoarthritis patients based on circRNA chips. <i>Clinica Chimica Acta</i> , 2020, 501, 92-101.	1.1	23
26	Imbalance of dietary nutrients and the associated differentially expressed genes and pathways may play important roles in juvenile Kashin-Beck disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 441-460.	3.0	22
27	Comparison of Apoptosis and Autophagy in Human Chondrocytes Induced by the T-2 and HT-2 Toxins. <i>Toxins</i> , 2019, 11, 260.	3.4	22
28	Efficacy of Long-term Selenium Supplementation in the Treatment of Chronic Keshan Disease with Congestive Heart Failure. <i>Current Medical Science</i> , 2019, 39, 237-242.	1.8	22
29	Expression profiles of genes involved in apoptosis and selenium metabolism in articular cartilage of patients with Kashin-Beck osteoarthritis. <i>Gene</i> , 2014, 535, 124-130.	2.2	20
30	Long-Term Selenium-Deficient Diet Induces Liver Damage by Altering Hepatocyte Ultrastructure and MMP1/3 and TIMP1/3 Expression in Growing Rats. <i>Biological Trace Element Research</i> , 2017, 175, 396-404.	3.5	20
31	Chondrocytes damage induced by T-2 toxin via Wnt/ β -catenin signaling pathway is involved in the pathogenesis of an endemic osteochondropathy, Kashin-Beck disease. <i>Experimental Cell Research</i> , 2017, 361, 141-148.	2.6	20
32	Integrative meta-analysis of differentially expressed genes in osteoarthritis using microarray technology. <i>Molecular Medicine Reports</i> , 2015, 12, 3439-3445.	2.4	19
33	Salt-Rich Selenium for Prevention and Control Children with Kashin-Beck Disease: a Meta-analysis of Community-Based Trial. <i>Biological Trace Element Research</i> , 2016, 170, 25-32.	3.5	19
34	Assessing the Associations of Blood Metabolites With Osteoporosis: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1850-1855.	3.6	19
35	Reliability and validity of the EQ-5D-3L for Kashin-Beck disease in China. <i>SpringerPlus</i> , 2016, 5, 1924.	1.2	18
36	Selenium deficiency induced damages and altered expressions of metalloproteinases and their inhibitors (MMP1/3, TIMP1/3) in the kidneys of growing rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 34, 1-9.	3.0	17

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37	Diagnostic value of circulating microRNAs for osteosarcoma in Asian populations: a meta-analysis. <i>Clinical and Experimental Medicine</i> , 2017, 17, 175-183.	3.6	17
38	Long noncoding RNA expression profile reveals lncRNAs signature associated with extracellular matrix degradation in kashin-beck disease. <i>Scientific Reports</i> , 2017, 7, 17553.	3.3	17
39	Disordered glycometabolism involved in pathogenesis of Kashin-Beck disease, an endemic osteoarthritis in China. <i>Experimental Cell Research</i> , 2014, 326, 240-250.	2.6	16
40	COL9A1 Gene Polymorphism Is Associated with Kashin-Beck Disease in a Northwest Chinese Han Population. <i>PLoS ONE</i> , 2015, 10, e0120365.	2.5	16
41	Comparison of microRNA expression profiles of Kashin-Beck disease, osteoarthritis and rheumatoid arthritis. <i>Scientific Reports</i> , 2017, 7, 540.	3.3	16
42	Cryptotanshinone inhibits RANKL-induced osteoclastogenesis by regulating ERK and NF- κ B signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7333-7340.	2.6	16
43	Genome-wide association study and identification of chromosomal enhancer maps in multiple brain regions related to autism spectrum disorder. <i>Autism Research</i> , 2019, 12, 26-32.	3.8	15
44	Integrated bioinformatics analysis of the osteoarthritis-associated microRNA expression signature. <i>Molecular Medicine Reports</i> , 2017, 17, 1833-1838.	2.4	14
45	Synergistic effect of selenium and UV-B radiation in enhancing antioxidant level of wheatgrass grown from selenium rich wheat. <i>Journal of Food Biochemistry</i> , 2018, 42, e12577.	2.9	14
46	Integrative analysis of genome-wide association study and brain region related enhancer maps identifies biological pathways for insomnia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 180-185.	4.8	14
47	Integrative Multivariate Logistic Regression Analysis of Risk Factors for Kashin-Beck disease. <i>Biological Trace Element Research</i> , 2016, 174, 274-279.	3.5	13
48	Reliability and validity of the 12-item WHODAS 2.0 in patients with Kashin-Beck disease. <i>Rheumatology International</i> , 2017, 37, 1567-1573.	3.0	13
49	Selenium promotes metabolic conversion of T-2 toxin to HT-2 toxin in cultured human chondrocytes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 218-224.	3.0	13
50	Network Analysis of Se-and Zn-related Proteins in the Serum Proteomics Expression Profile of the Endemic Dilated Cardiomyopathy Keshan Disease. <i>Biological Trace Element Research</i> , 2018, 183, 40-48.	3.5	13
51	Hair multi-bioelement profile of Kashin-Beck disease in the endemic regions of China. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 79-97.	3.0	13
52	Expression Profiles of Selenium-Related Genes in Human Chondrocytes Exposed to T-2 Toxin and Deoxynivalenol. <i>Biological Trace Element Research</i> , 2019, 190, 295-302.	3.5	13
53	Comparison of T-2 Toxin and HT-2 Toxin Distributed in the Skeletal System with That in Other Tissues of Rats by Acute Toxicity Test. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 851-854.	0.2	13
54	Alterations in the gut microbiota and metabolite profiles of patients with Kashin-Beck disease, an endemic osteoarthritis in China. <i>Cell Death and Disease</i> , 2021, 12, 1015.	6.3	13

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55	Panax notoginseng stimulates alkaline phosphatase activity, collagen synthesis, and mineralization in osteoblastic MC3T3-E1 cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 950-957.	1.5	12
56	Genome-wide pathway-based association study implicates complement system in the development of Kashin-Beck disease in Han Chinese. <i>Bone</i> , 2015, 71, 36-41.	2.9	12
57	Association Between Cartilage Intermediate Layer Protein and Degeneration of Intervertebral Disc. <i>Spine</i> , 2016, 41, E1244-E1248.	2.0	12
58	Effect of Selenium Deficiency on Phosphorylation of the AMPK Pathway in Rats. <i>Biological Trace Element Research</i> , 2016, 169, 254-260.	3.5	12
59	Zinc: the Other Suspected Environmental Factor in Kashin-Beck Disease in Addition to Selenium. <i>Biological Trace Element Research</i> , 2017, 179, 178-184.	3.5	12
60	Integrating genome-wide association study and expression quantitative trait loci data identifies multiple genes and gene set associated with neuroticism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 78, 149-152.	4.8	12
61	Inflammatory cytokine of IL-1 β is involved in T-2 toxin-triggered chondrocyte injury and metabolism imbalance by the activation of Wnt/ β -catenin signaling. <i>Molecular Immunology</i> , 2017, 91, 195-201.	2.2	12
62	Gene expression profiles and molecular mechanism of cultured human chondrocytes' exposure to T-2 toxin and deoxynivalenol. <i>Toxicol</i> , 2017, 140, 38-44.	1.6	12
63	Comparison of the toxic mechanism of T-2 toxin and deoxynivalenol on human chondrocytes by microarray and bioinformatics analysis. <i>Toxicology Letters</i> , 2020, 321, 61-68.	0.8	12
64	Proteomic analysis of knee cartilage reveals potential signaling pathways in pathological mechanism of Kashin-Beck disease compared with osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 6824.	3.3	12
65	Nutrients Other than Selenium Are Important for Promoting Children's Health in Kashin-Beck Disease Areas. <i>Biological Trace Element Research</i> , 2018, 183, 233-244.	3.5	11
66	Assessing the Genetic Correlations Between Blood Plasma Proteins and Osteoporosis: A Polygenic Risk Score Analysis. <i>Calcified Tissue International</i> , 2019, 104, 171-181.	3.1	11
67	Gene Expression Analysis Suggests Bone Development-Related Genes GDF5 and DIO2 Are Involved in the Development of Kashin-Beck Disease in Children Rather than Adults. <i>PLoS ONE</i> , 2014, 9, e103618.	2.5	11
68	Evaluation of the Sensitivity and Specificity of the New Clinical Diagnostic and Classification Criteria for Kashin-Beck Disease, an Endemic Osteoarthritis, in China. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 150-155.	0.2	11
69	Elevation of IGFBP2 contributes to mycotoxin T-2-induced chondrocyte injury and metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 385-391.	2.1	10
70	Exome sequencing identified FGF12 as a novel candidate gene for Kashin-Beck disease. <i>Functional and Integrative Genomics</i> , 2016, 16, 13-17.	3.5	10
71	Prediction of co-expression genes and integrative analysis of gene microarray and proteomics profile of Keshan disease. <i>Scientific Reports</i> , 2018, 8, 231.	3.3	10
72	The Level of Toxic Elements in Edible Crops from Seleniferous Area (Punjab, India). <i>Biological Trace Element Research</i> , 2018, 184, 523-528.	3.5	10

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73	Outcomes of total knee arthroplasty in the adult Kashin-Beck disease with severe osteoarthritis. <i>International Orthopaedics</i> , 2019, 43, 323-331.	1.9	10
74	Evaluating the Correlations Between Osteoporosis and Lifestyle-Related Factors Using Transcriptome-Wide Association Study. <i>Calcified Tissue International</i> , 2020, 106, 256-263.	3.1	10
75	Inhibiting the aberrant activation of Wnt/ β -catenin signaling by selenium supplementation ameliorates deoxynivalenol-induced toxicity and catabolism in chondrocytes. <i>Journal of Cellular Physiology</i> , 2020, 235, 4434-4442.	4.1	10
76	A bivariate genome-wide association study identifies ADAM12 as a novel susceptibility gene for Kashin-Beck disease. <i>Scientific Reports</i> , 2016, 6, 31792.	3.3	9
77	Assessing the genetic correlations between early growth parameters and bone mineral density: A polygenic risk score analysis. <i>Bone</i> , 2018, 116, 301-306.	2.9	9
78	Decreased Expression of CHST-12, CHST-13, and UST in the Proximal Interphalangeal Joint Cartilage of School-Age Children with Kashin-Beck Disease: an Endemic Osteoarthritis in China Caused by Selenium Deficiency. <i>Biological Trace Element Research</i> , 2019, 191, 276-285.	3.5	9
79	The Functional Analysis of Selenium-Related Genes and Magnesium-Related Genes in the Gene Expression Profile Microarray in the Peripheral Blood Mononuclear Cells of Keshan Disease. <i>Biological Trace Element Research</i> , 2019, 192, 3-9.	3.5	9
80	Changing Grains for the Prevention and Treatment of Kashin-Beck Disease in Children: a Meta-analysis. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 308-11.	0.2	9
81	Field synopsis and meta-analyses of genetic epidemiological evidence for Kashin-Beck disease, an endemic osteoarthropathy in China. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1823-1833.	2.1	8
82	Roles of Glycoproteins in the Diagnosis and Differential Diagnosis of Chronic and Latent Keshan Disease. <i>Molecules</i> , 2017, 22, 746.	3.8	8
83	Integrating genome-wide DNA methylation and mRNA expression profiles identified different molecular features between Kashin-Beck disease and primary osteoarthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 41.	3.5	8
84	RNA-seq analysis reveals different gene ontologies and pathways in rheumatoid arthritis and Kashin-Beck disease. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1686-1694.	1.9	8
85	Prevention and control strategies for children Kashin-Beck disease in China. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.0	8
86	Integrative analysis of genome-wide association study and expression quantitative trait loci datasets identified various immune cell-related pathways for rheumatoid arthritis. <i>Annals of Human Genetics</i> , 2020, 84, 72-79.	0.8	8
87	Genome-Wide Differentially Methylated Region Analysis to Reveal Epigenetic Differences of Articular Cartilage in Kashin-Beck Disease and Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 636291.	3.7	8
88	Identifying discriminative features for diagnosis of Kashin-Beck disease among adolescents. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 801.	1.9	8
89	PAPA: a flexible tool for identifying pleiotropic pathways using genome-wide association study summaries. <i>Bioinformatics</i> , 2016, 32, 946-948.	4.1	7
90	The effects of long-term low selenium diet on the expression of CHST-3, CHST-12 and UST in knee cartilage of growing rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 123-129.	3.0	7

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91	Integrating transcriptome-wide study and mRNA expression profiles yields novel insights into the biological mechanism of chondropathies. <i>Arthritis Research and Therapy</i> , 2019, 21, 194.	3.5	7
92	Changes in the NF- κ B signaling pathway in juvenile and adult patients with Kashin-Beck disease. <i>Experimental Cell Research</i> , 2019, 379, 140-149.	2.6	7
93	Expression Profile Analysis of Selenium-Related Genes in Peripheral Blood Mononuclear Cells of Patients with Keshan Disease. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	7
94	Individual and combined toxicity of Tâ€2 toxin and deoxynivalenol on human Câ€28/I2 and rat primary chondrocytes. <i>Journal of Applied Toxicology</i> , 2019, 39, 343-353.	2.8	7
95	Genetic association scan of 32 osteoarthritis susceptibility genes identified TP63 associated with an endemic osteoarthritis, Kashin-Beck disease. <i>Bone</i> , 2021, 150, 115997.	2.9	7
96	Trans-omics pathway analysis suggests that eQTLs contribute to chondrocyte apoptosis of Kashinâ€Beck disease through regulating apoptosis pathway expression. <i>Gene</i> , 2014, 553, 166-169.	2.2	6
97	Integrating genomeâ€wide association study summaries and elementâ€gene interaction datasets identified multiple associations between elements and complex diseases. <i>Genetic Epidemiology</i> , 2018, 42, 168-173.	1.3	6
98	Dietary exosome-miR-23b may be a novel therapeutic measure for preventing Kashin-Beck disease (Review). <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3680-3686.	1.8	6
99	eQTLs Weighted Genetic Correlation Analysis Detected Brain Region Differences in Genetic Correlations for Complex Psychiatric Disorders. <i>Schizophrenia Bulletin</i> , 2019, 45, 709-715.	4.3	6
100	A preliminary analysis of microRNA profiles in the subchondral bone between Kashin-Beck disease and primary knee osteoarthritis. <i>Clinical Rheumatology</i> , 2019, 38, 2637-2645.	2.2	6
101	The systematic review and meta-analysis of X-ray detective rate of Kashin-Beck disease from 1992 to 2016. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 78.	1.9	6
102	PCA-based GRS analysis enhances the effectiveness for genetic correlation detection. <i>Briefings in Bioinformatics</i> , 2019, 20, 2291-2298.	6.5	6
103	ADAMTS4 and ADAMTS5 may be considered as new molecular therapeutic targets for cartilage damages with Kashin-Beck Disease. <i>Medical Hypotheses</i> , 2020, 135, 109440.	1.5	6
104	Abnormal expression of chondroitin sulfate sulfotransferases in the articular cartilage of pediatric patients with Kashinâ€Beck disease. <i>Histochemistry and Cell Biology</i> , 2020, 153, 153-164.	1.7	6
105	The molecular mechanism study of COMP involved in the articular cartilage damage of Kashin-Beck disease. <i>Bone and Joint Research</i> , 2020, 9, 578-586.	3.6	6
106	Altered Expression of Aggrecan, FAM20B, B3GALT6, and EXTL2 in Patients with Osteoarthritis and Kashin-Beck Disease. <i>Cartilage</i> , 2021, 13, 818S-828S.	2.7	6
107	Integrating genome-wide association study with regulatory SNP annotation information identified candidate genes and pathways for schizophrenia. <i>Aging</i> , 2019, 11, 3704-3715.	3.1	6
108	An integrative analysis of DNA methylation and transcriptome showed the dysfunction of MAPK pathway was involved in the damage of human chondrocyte induced by T-2 toxin. <i>BMC Molecular and Cell Biology</i> , 2022, 23, 4.	2.0	6

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109	Investigation of selenium nutritional status and dietary pattern among children in Kashin-Beck disease endemic areas in Shaanxi Province, China using duplicate portion sampling method. <i>Environment International</i> , 2022, 164, 107255.	10.0	6
110	Down-regulation of ATF2 in the inhibition of T-2-toxin-induced chondrocyte apoptosis by selenium chondroitin sulfate nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	5
111	Investigation of MMP-1 genetic polymorphisms and protein expression and their effects on the risk of Kashin-Beck disease in the northwest Chinese Han population. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 64.	2.3	5
112	Hyaluronic acid and glucosamine sulfate for adult Kashin-Beck disease: a cluster-randomized, placebo-controlled study. <i>Clinical Rheumatology</i> , 2016, 35, 1263-1270.	2.2	5
113	Serum and Hair Zinc Levels in Patients with Endemic Osteoarthropathy in China: A Meta-analysis. <i>Biological Trace Element Research</i> , 2018, 181, 227-233.	3.5	5
114	Cell cycle-related lncRNAs and mRNAs in osteoarthritis chondrocytes in a Northwest Chinese Han Population. <i>Medicine (United States)</i> , 2020, 99, e19905.	1.0	5
115	Comparison of the responsiveness of the WOMAC and the 12-item WHODAS 2.0 in patients with Kashin-Beck disease. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 188.	1.9	5
116	Exploring Genome-wide DNA Methylation Profiles Altered in Kashin-Beck Disease Using Infinium Human Methylation 450 Bead Chips. <i>Biomedical and Environmental Sciences</i> , 2016, 29, 539-43.	0.2	5
117	Gene Expression Signature in Endemic Osteoarthritis by Microarray Analysis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11465-11481.	4.1	4
118	Comparative analysis of signaling pathways in peripheral blood from patients with Kashin-Beck disease and osteoarthritis. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 4077-4084.	1.8	4
119	The Roles of the Interaction of BCL2-Antagonist/Killer 1, Apoptotic Peptidase Activating Factor 1 and Selenium in the Pathogenesis of Kashin-Beck Disease. <i>Biological Trace Element Research</i> , 2016, 170, 17-24.	3.5	4
120	Genome-wide association study identifies COL2A1 locus involved in the hand development failure of Kashin-Beck disease. <i>Scientific Reports</i> , 2017, 7, 40020.	3.3	4
121	A genome-wide pathway enrichment analysis identifies brain region related biological pathways associated with intelligence. <i>Psychiatry Research</i> , 2018, 268, 238-242.	3.3	4
122	Selenium and Other Elements in Wheat (<i>Triticum aestivum</i>) and Wheat Bread from a Seleniferous Area. <i>Biological Trace Element Research</i> , 2019, 192, 10-17.	3.5	4
123	Differential gene expression in articular cartilage between rheumatoid arthritis and endemic Kashin-Beck disease. <i>Bioscience Reports</i> , 2019, 39, .	2.4	4
124	Integrative Analysis of Genome-Wide Association Studies and DNA Methylation Profile Identified Genetic Control Genes of DNA Methylation for Kashin-Beck Disease. <i>Cartilage</i> , 2019, , 194760351985874.	2.7	4
125	Cytotoxic Properties of HT-2 Toxin in Human Chondrocytes: Could T3 Inhibit Toxicity of HT-2?. <i>Toxins</i> , 2019, 11, 667.	3.4	4
126	DR4-Associated Death Receptor Signal Promotes Cartilage Damage in Patients With Kashin-Beck Disease. <i>Cartilage</i> , 2021, 13, 789S-796S.	2.7	4

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127	Abnormal Level of Manganese, Iron, Iodine, and Selenium in the Hair of Children Living in Kashin-Beck Disease Endemic Areas. <i>Biological Trace Element Research</i> , 2022, 200, 4278-4288.	3.5	4
128	The roles of selenium, insulin-like growth factor binding protein 2 and suppressor of cytokine signaling 3 in the pathogenesis of Kashin-Beck disease. <i>Biomarkers</i> , 2016, 21, 409-415.	1.9	3
129	The potential biochemical markers of Kashin-Beck disease: a meta-analysis. <i>Biomarkers</i> , 2016, 21, 633-638.	1.9	3
130	The efficacy and safety of intra-articular injection of hyaluronic acid in the knee and physical therapy agents to treat Kashin-Beck disease: A prospective interventional study. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 739-745.	1.8	3
131	Integrating Genome-Wide Association and eQTLs Studies Identifies the Genes and Gene Sets Associated with Diabetes. <i>BioMed Research International</i> , 2017, 2017, 1-4.	1.9	3
132	The osteoarthritis-associated gene PAPSS2 promotes differentiation and matrix formation in ATDC5 chondrogenic cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 5190-5200.	1.8	3
133	Integrating genome-wide association study, chromosomal enhancer maps and element-gene interaction networks detected brain regions related associations between elements and ADHD/IQ. <i>Behavioural Brain Research</i> , 2018, 353, 137-142.	2.2	3
134	Beryllium inhibits apoptosis via mitochondria in beryllium-induced lung disease in the rat. <i>Experimental Lung Research</i> , 2019, 45, 92-100.	1.2	3
135	The integrative analysis of DNA methylation and mRNA expression profiles confirmed the role of selenocompound metabolism pathway in Kashin-Beck disease. <i>Cell Cycle</i> , 2020, 19, 2351-2366.	2.6	3
136	Profiling of selenium and other trace elements in breads from rice and maize cultivated in a seleniferous area of Punjab (India). <i>Journal of Food Science and Technology</i> , 2021, 58, 825-833.	2.8	3
137	Meta-analysis of Association Studies of Selenoprotein Gene Polymorphism and Kashin-Beck Disease: an Updated Systematic Review. <i>Biological Trace Element Research</i> , 2022, 200, 543-550.	3.5	3
138	Integrating Transcriptome-Wide Association Study and mRNA Expression Profiling Identifies Novel Genes Associated With Osteonecrosis of the Femoral Head. <i>Frontiers in Genetics</i> , 2021, 12, 663080.	2.3	3
139	The first human induced pluripotent stem cell line of Kashin-Beck disease reveals involvement of heparan sulfate proteoglycan biosynthesis and PPAR pathway. <i>FEBS Journal</i> , 2022, 289, 279-293.	4.7	3
140	Dysregulation of Cells Cycle and Apoptosis in Human Induced Pluripotent Stem Cells Chondrocytes Through p53 Pathway by HT-2 Toxin: An in vitro Study. <i>Frontiers in Genetics</i> , 2021, 12, 677723.	2.3	3
141	Screening of methylation genes in age-related cataract. <i>International Journal of Ophthalmology</i> , 2018, 11, 1102-1107.	1.1	3
142	The Status of Selenium and Zinc in the Urine of Children From Endemic Areas of Kashin-Beck Disease Over Three Consecutive Years. <i>Frontiers in Nutrition</i> , 2022, 9, 862639.	3.7	3
143	Difference in apoptosis-associated genes expression profiling and immunohistology analysis between Kashin-Beck disease and primary osteoarthritis. <i>Science Bulletin</i> , 2014, 59, 833-839.	1.7	2
144	CPAS: A trans-omics pathway analysis tool for jointly analyzing DNA copy number variations and mRNA expression profiles data. <i>Journal of Biomedical Informatics</i> , 2015, 53, 363-366.	4.3	2

#	ARTICLE	IF	CITATIONS
145	Roles of glycoprotein glycosylation in the pathogenesis of an endemic osteoarthritis, Kashin-Beck disease, and effectiveness evaluation of sodium hyaluronate treatment. Turkish Journal of Medical Sciences, 2020, 50, 1028-1037.	0.9	2
146	Genetic Variants and Protein Alterations of Selenium- and T-2 Toxin-Responsive Genes Are Associated With Chondrocytic Damage in Endemic Osteoarthropathy. Frontiers in Genetics, 2021, 12, 773534.	2.3	2
147	Polymorphism of MMP-3 gene and imbalance expression of MMP-3 / TIMP-1 in articular cartilage are associated with an endemic osteochondropathy, Kashin- Beck disease. BMC Musculoskeletal Disorders, 2022, 23, 3.	1.9	2
148	SWGDT: A sliding window-based genotype dependence testing tool for genome-wide susceptibility gene scan. Journal of Biomedical Informatics, 2015, 57, 38-41.	4.3	1
149	Reliability and validation of the joint dysfunction index as a new assessment instrument for therapeutic efficacy for Kashin-Beck disease. Clinical Rheumatology, 2016, 35, 2815-2821.	2.2	1
150	PPARGC1B gene is associated with Kashin-Beck disease in Han Chinese. Functional and Integrative Genomics, 2016, 16, 459-463.	3.5	1
151	The Importance of Se-Related Genes in the Chondrocyte of Kashin-Beck Disease Revealed by Whole Genomic Microarray and Network Analysis. Biological Trace Element Research, 2019, 187, 367-375.	3.5	1
152	Biological Analysis of Gene Expression and Clinical Variables Suggest FZD1 as a Novel Biomarker for Patients with Kashin-Beck Disease, an Endemic Osteoarthritis in China. Disease Markers, 2019, 2019, 1-9.	1.3	1
153	Integrative analysis of genome-wide association study and chromosomal enhancer maps identified brain region related pathways associated with ADHD. Comprehensive Psychiatry, 2019, 88, 65-69.	3.1	1
154	Response to comment on "Comparison of the toxic mechanism of T-2 toxin and deoxynivalenol on human chondrocytes by microarray and bioinformatics analysis". Toxicology Letters, 2020, 327, 32.	0.8	1
155	Comparison of diathermic high-frequency capsulorhexis and continuous curvilinear capsulorhexis in white cataract surgery. International Journal of Ophthalmology, 2018, 11, 1317-1321.	1.1	1
156	Effectiveness of Selenium on Chondrocyte Glycoprotein Glycosylation Which Play Important Roles in the Pathogenesis of an Endemic Osteoarthritis, Kashin-Beck Disease. Biological Trace Element Research, 2022, 200, 1531-1537.	3.5	0
157	Polymorphism in rs2229783 of the Alpha 1(XI) Collagen Gene Is Associated with Susceptibility to but not Severity of Kashin-Beck Disease in a Northwest Chinese Han Population. Biomedical and Environmental Sciences, 2018, 31, 322-326.	0.2	0