Xiong Guo

List of Publications by Year in descending order

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157	2,409	304743	315739
papers	citations	22 h-index	38 g-index

160	160	160	3190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Meta-analysis of Association Studies of Selenoprotein Gene Polymorphism and Kashin-Beck Disease: an Updated Systematic Review. Biological Trace Element Research, 2022, 200, 543-550.	3.5	3
2	Effectiveness of Selenium on Chondrocyte Glycoprotein Glycosylation Which Play Important Roles in the Pathogenesis of an Endemic Osteoarthritis, Kashinâ€“Beck Disease. Biological Trace Element Research, 2022, 200, 1531-1537.	3.5	0
3	The first human induced pluripotent stem cell line of Kashinâ€“Beck disease reveals involvement of heparan sulfate proteoglycan biosynthesis and PPAR pathway. FEBS Journal, 2022, 289, 279-293.	4.7	3
4	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
5	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. BMC Molecular and Cell Biology, 2022, 23, 4.	2.0	6
6	Abnormal Level of Manganese, Iron, Iodine, and Selenium in the Hair of Children Living in Kashinâ€“Beck Disease Endemic Areas. Biological Trace Element Research, 2022, 200, 4278-4288.	3.5	4
7	The Status of Selenium and Zinc in the Urine of Children From Endemic Areas of Kashin-Beck Disease Over Three Consecutive Years. Frontiers in Nutrition, 2022, 9, 862639.	3.7	3
8	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. Environment International, 2022, 164, 107255.	10.0	6
9	DR4-Associated Death Receptor Signal Promotes Cartilage Damage in Patients With Kashin-Beck Disease. Cartilage, 2021, 13, 789S-796S.	2.7	4
10	Altered Expression of Aggrecan, FAM20B, B3GALT6, and EXTL2 in Patients with Osteoarthritis and Kashin-Beck Disease. Cartilage, 2021, 13, 818S-828S.	2.7	6
11	Profiling of selenium and other trace elements in breads from rice and maize cultivated in a seleniferous area of Punjab (India). Journal of Food Science and Technology, 2021, 58, 825-833.	2.8	3
12	Genome-Wide Differentially Methylated Region Analysis to Reveal Epigenetic Differences of Articular Cartilage in Kashinâ€“Beck Disease and Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 636291.	3.7	8
13	Systematic Evaluation of the In-Sample Stability of Selected Pharmaceuticals, Illicit Drugs, and Their Metabolites in Wastewater. Environmental Science & Technology, 2021, 55, 7418-7429.	10.0	29
14	Comparison of the major cell populations among osteoarthritis, Kashinâ€“Beck disease and healthy chondrocytes by single-cell RNA-seq analysis. Cell Death and Disease, 2021, 12, 551.	6.3	42
15	Integrating Transcriptome-Wide Association Study and mRNA Expression Profiling Identifies Novel Genes Associated With Osteonecrosis of the Femoral Head. Frontiers in Genetics, 2021, 12, 663080.	2.3	3
16	Dysregulation of Cells Cycle and Apoptosis in Human Induced Pluripotent Stem Cells Chondrocytes Through p53 Pathway by HT-2 Toxin: An in vitro Study. Frontiers in Genetics, 2021, 12, 677723.	2.3	3
17	Genetic association scan of 32 osteoarthritis susceptibility genes identified TP63 associated with an endemic osteoarthritis, Kashin-Beck disease. Bone, 2021, 150, 115997.	2.9	7
18	Identifying discriminative features for diagnosis of Kashin-Beck disease among adolescents. BMC Musculoskeletal Disorders, 2021, 22, 801.	1.9	8

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19	Alterations in the gut microbiota and metabolite profiles of patients with Kashin-Beck disease, an endemic osteoarthritis in China. Cell Death and Disease, 2021, 12, 1015.	6.3	13
20	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
21	Serious Selenium Deficiency in the Serum of Patients with Kashinâ€“Beck Disease and the Effect of Nano-Selenium on Their Chondrocytes. Biological Trace Element Research, 2020, 194, 96-104.	3.5	35
22	Integrative analysis of genomeâ€wide association study and expression quantitative trait loci datasets identified various immune cellâ€related pathways for rheumatoid arthritis. Annals of Human Genetics, 2020, 84, 72-79.	0.8	8
23	Screening for differentially expressed circRNA between Kashinâ€“Beck disease and osteoarthritis patients based on circRNA chips. Clinica Chimica Acta, 2020, 501, 92-101.	1.1	23
24	Comparison of the toxic mechanism of T-2 toxin and deoxynivalenol on human chondrocytes by microarray and bioinformatics analysis. Toxicology Letters, 2020, 321, 61-68.	0.8	12
25	ADAMTS4 and ADAMTS5 may be considered as new molecular therapeutic targets for cartilage damages with Kashin-Beck Disease. Medical Hypotheses, 2020, 135, 109440.	1.5	6
26	Abnormal expression of chondroitin sulfate sulfotransferases in the articular cartilage of pediatric patients with Kashinâ€“Beck disease. Histochemistry and Cell Biology, 2020, 153, 153-164.	1.7	6
27	Evaluating the Correlations Between Osteoporosis and Lifestyle-Related Factors Using Transcriptome-Wide Association Study. Calcified Tissue International, 2020, 106, 256-263.	3.1	10
28	Inhibiting the aberrant activation of Wnt/Î²â€catenin signaling by selenium supplementation ameliorates deoxynivalenolâ€induced toxicity and catabolism in chondrocytes. Journal of Cellular Physiology, 2020, 235, 4434-4442.	4.1	10
29	The molecular mechanism study of COMP involved in the articular cartilage damage of Kashin-Beck disease. Bone and Joint Research, 2020, 9, 578-586.	3.6	6
30	The role of selenium metabolism and selenoproteins in cartilage homeostasis and arthropathies. Experimental and Molecular Medicine, 2020, 52, 1198-1208.	7.7	80
31	Roles of glycoprotein glycosylation in the pathogenesis of an endemic osteoarthritis, Kashinâ€“Beck disease, and effectiveness evaluation of sodium hyaluronate treatment. Turkish Journal of Medical Sciences, 2020, 50, 1028-1037.	0.9	2
32	The integrative analysis of DNA methylation and mRNA expression profiles confirmed the role of selenocompound metabolism pathway in Kashin-Beck disease. Cell Cycle, 2020, 19, 2351-2366.	2.6	3
33	Proteomic analysis of knee cartilage reveals potential signaling pathways in pathological mechanism of Kashin-Beck disease compared with osteoarthritis. Scientific Reports, 2020, 10, 6824.	3.3	12
34	Cell cycle-related lncRNAs and mRNAs in osteoarthritis chondrocytes in a Northwest Chinese Han Population. Medicine (United States), 2020, 99, e19905.	1.0	5
35	Comparison of the responsiveness of the WOMAC and the 12-item WHODAS 2.0 in patients with Kashinâ€“Beck disease. BMC Musculoskeletal Disorders, 2020, 21, 188.	1.9	5
36	Response to comment on â€˜Comparison of the toxic mechanism of T-2 toxin and deoxynivalenol on human chondrocytes by microarray and bioinformatics analysisâ€™. Toxicology Letters, 2020, 327, 32.	0.8	1

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37	eQTLs Weighted Genetic Correlation Analysis Detected Brain Region Differences in Genetic Correlations for Complex Psychiatric Disorders. Schizophrenia Bulletin, 2019, 45, 709-715.	4.3	6
38	Outcomes of total knee arthroplasty in the adult Kashin-Beck disease with severe osteoarthritis. International Orthopaedics, 2019, 43, 323-331.	1.9	10
39	The Importance of Se-Related Genes in the Chondrocyte of Kashinâ€“Beck Disease Revealed by Whole Genomic Microarray and Network Analysis. Biological Trace Element Research, 2019, 187, 367-375.	3.5	1
40	Beryllium inhibits apoptosis via mitochondria in beryllium-induced lung disease in the rat. Experimental Lung Research, 2019, 45, 92-100.	1.2	3
41	Preliminary Exploration of hsa_circ_0032131 Levels in Peripheral Blood as a Potential Diagnostic Biomarker of Osteoarthritis. Genetic Testing and Molecular Biomarkers, 2019, 23, 717-721.	0.7	28
42	Integrating transcriptome-wide study and mRNA expression profiles yields novel insights into the biological mechanism of chondropathies. Arthritis Research and Therapy, 2019, 21, 194.	3.5	7
43	Screening for Differentially Expressed Circular RNAs in the Cartilage of Osteoarthritis Patients for Their Diagnostic Value. Genetic Testing and Molecular Biomarkers, 2019, 23, 706-716.	0.7	30
44	Decreased Expression of CHST-12, CHST-13, and UST in the Proximal Interphalangeal Joint Cartilage of School-Age Children with Kashinâ€“Beck Disease: an Endemic Osteoarthritis in China Caused by Selenium Deficiency. Biological Trace Element Research, 2019, 191, 276-285.	3.5	9
45	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
46	Selenium and Other Elements in Wheat (Triticum aestivum) and Wheat Bread from a Seleniferous Area. Biological Trace Element Research, 2019, 192, 10-17.	3.5	4
47	Differential gene expression in articular cartilage between rheumatoid arthritis and endemic Kashinâ€“Beck disease. Bioscience Reports, 2019, 39, .	2.4	4
48	Integrative Analysis of Genome-Wide Association Studies and DNA Methylation Profile Identified Genetic Control Genes of DNA Methylation for Kashin-Beck Disease. Cartilage, 2019, , 194760351985874.	2.7	4
49	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. Biological Trace Element Research, 2019, 192, 3-9.	3.5	9
50	A preliminary analysis of microRNA profiles in the subchondral bone between Kashin-Beck disease and primary knee osteoarthritis. Clinical Rheumatology, 2019, 38, 2637-2645.	2.2	6
51	Comparison of Apoptosis and Autophagy in Human Chondrocytes Induced by the T-2 and HT-2 Toxins. Toxins, 2019, 11, 260.	3.4	22
52	Hair multi-bioelement profile of Kashin-Beck disease in the endemic regions of China. Journal of Trace Elements in Medicine and Biology, 2019, 54, 79-97.	3.0	13
53	Efficacy of Long-term Selenium Supplementation in the Treatment of Chronic Keshan Disease with Congestive Heart Failure. Current Medical Science, 2019, 39, 237-242.	1.8	22
54	Changes in the NF-Î²B signaling pathway in juvenile and adult patients with Kashin-Beck disease. Experimental Cell Research, 2019, 379, 140-149.	2.6	7

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55	The systematic review and meta-analysis of X-ray detective rate of Kashin-Beck disease from 1992 to 2016. BMC Musculoskeletal Disorders, 2019, 20, 78.	1.9	6
56	Cytotoxic Properties of HT-2 Toxin in Human Chondrocytes: Could T3 Inhibit Toxicity of HT-2?. Toxins, 2019, 11, 667.	3.4	4
57	Prevention and control strategies for children Kashinâ€"Beck disease in China. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	8
58	Expression Profile Analysis of Selenium-Related Genes in Peripheral Blood Mononuclear Cells of Patients with Keshan Disease. BioMed Research International, 2019, 2019, 1-8.	1.9	7
59	PCA-based GRS analysis enhances the effectiveness for genetic correlation detection. Briefings in Bioinformatics, 2019, 20, 2291-2298.	6.5	6
60	Genomeâ€wide association study and identification of chromosomal enhancer maps in multiple brain regions related to autism spectrum disorder. Autism Research, 2019, 12, 26-32.	3.8	15
61	Expression Profiles of Selenium-Related Genes in Human Chondrocytes Exposed to T-2 Toxin and Deoxynivalenol. Biological Trace Element Research, 2019, 190, 295-302.	3.5	13
62	Assessing the Genetic Correlations Between Blood Plasma Proteins and Osteoporosis: A Polygenic Risk Score Analysis. Calcified Tissue International, 2019, 104, 171-181.	3.1	11
63	Cryptotanshinone inhibits RANKLâ€induced osteoclastogenesis by regulating ERK and NFâ€ºB signaling pathways. Journal of Cellular Biochemistry, 2019, 120, 7333-7340.	2.6	16
64	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
65	Individual and combined toxicity of Tâ€2 toxin and deoxynivalenol on human Câ€28/I2 and rat primary chondrocytes. Journal of Applied Toxicology, 2019, 39, 343-353.	2.8	7
66	Integrating genome-wide association study with regulatory SNP annotation information identified candidate genes and pathways for schizophrenia. Aging, 2019, 11, 3704-3715.	3.1	6
67	Imbalance of dietary nutrients and the associated differentially expressed genes and pathways may play important roles in juvenile Kashin-Beck disease. Journal of Trace Elements in Medicine and Biology, 2018, 50, 441-460.	3.0	22
68	Integrating genomeâ€wide association study summaries and elementâ€gene interaction datasets identified multiple associations between elements and complex diseases. Genetic Epidemiology, 2018, 42, 168-173.	1.3	6
69	Prediction of co-expression genes and integrative analysis of gene microarray and proteomics profile of Keshan disease. Scientific Reports, 2018, 8, 231.	3.3	10
70	Integrating genome-wide DNA methylation and mRNA expression profiles identified different molecular features between Kashin-Beck disease and primary osteoarthritis. Arthritis Research and Therapy, 2018, 20, 41.	3.5	8
71	Selenophosphate synthetase 1 and its role in redox homeostasis, defense and proliferation. Free Radical Biology and Medicine, 2018, 127, 190-197.	2.9	25
72	Assessing the Associations of Blood Metabolites With Osteoporosis: A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1850-1855.	3.6	19

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73	Dietary exosome-miR-23b may be a novel therapeutic measure for preventing Kashin-Beck disease (Review). Experimental and Therapeutic Medicine, 2018, 15, 3680-3686.	1.8	6
74	Serum and Hair Zinc Levels in Patients with Endemic Osteochondropathy in China: A Meta-analysis. Biological Trace Element Research, 2018, 181, 227-233.	3.5	5
75	A Genome-wide Expression Association Analysis Identifies Genes and Pathways Associated with Amyotrophic Lateral Sclerosis. Cellular and Molecular Neurobiology, 2018, 38, 635-639.	3.3	30
76	Integrating genome-wide association study and expression quantitative trait locus study identifies multiple genes and gene sets associated with schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 50-54.	4.8	24
77	Associations Between Selenium Content in Hair and Kashin-Beck Disease/Keshan Disease in Children in Northwestern China: a Prospective Cohort Study. Biological Trace Element Research, 2018, 184, 16-23.	3.5	33
78	Nutrients Other than Selenium Are Important for Promoting Childrenâ€™s Health in Kashin-Beck Disease Areas. Biological Trace Element Research, 2018, 183, 233-244.	3.5	11
79	Network Analysis of Se-and Zn-related Proteins in the Serum Proteomics Expression Profile of the Endemic Dilated Cardiomyopathy Keshan Disease. Biological Trace Element Research, 2018, 183, 40-48.	3.5	13
80	The Level of Toxic Elements in Edible Crops from Seleniferous Area (Punjab, India). Biological Trace Element Research, 2018, 184, 523-528.	3.5	10
81	The osteoarthritisâ€‘associated gene PAPSS2 promotes differentiation and matrix formation in ATDC5 chondrogenic cells. Experimental and Therapeutic Medicine, 2018, 16, 5190-5200.	1.8	3
82	<scp>RNA</scp>â€seq analysis reveals different gene ontologies and pathways in rheumatoid arthritis and Kashinâ€“Beck disease. International Journal of Rheumatic Diseases, 2018, 21, 1686-1694.	1.9	8
83	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. Neuroscience and Biobehavioral Reviews, 2018, 95, 347-352.	6.1	29
84	Assessing the genetic correlations between early growth parameters and bone mineral density: A polygenic risk score analysis. Bone, 2018, 116, 301-306.	2.9	9
85	The effects of long-term low selenium diet on the expression of CHST-3, CHST-12 and UST in knee cartilage of growing rats. Journal of Trace Elements in Medicine and Biology, 2018, 50, 123-129.	3.0	7
86	A Genomewide Integrative Analysis of GWAS and eQTLs Data Identifies Multiple Genes and Gene Sets Associated with Obesity. BioMed Research International, 2018, 2018, 1-5.	1.9	27
87	Integrating genome-wide association study, chromosomal enhancer maps and element-gene interaction networks detected brain regions related associations between elements and ADHD/IQ. Behavioural Brain Research, 2018, 353, 137-142.	2.2	3
88	A genome-wide pathway enrichment analysis identifies brain region related biological pathways associated with intelligence. Psychiatry Research, 2018, 268, 238-242.	3.3	4
89	Synergistic effect of selenium and UV-B radiation in enhancing antioxidant level of wheatgrass grown from selenium rich wheat. Journal of Food Biochemistry, 2018, 42, e12577.	2.9	14
90	Integrative analysis of genome-wide association study and brain region related enhancer maps identifies biological pathways for insomnia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 86, 180-185.	4.8	14

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91	Screening of methylation genes in age-related cataract. International Journal of Ophthalmology, 2018, 11, 1102-1107.	1.1	3
92	Comparison of diathermic high-frequency capsulorhexis and continuous curvilinear capsulorrhexis in white cataract surgery. International Journal of Ophthalmology, 2018, 11, 1317-1321.	1.1	1
93	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
94	Long-Term Selenium-Deficient Diet Induces Liver Damage by Altering Hepatocyte Ultrastructure and MMP1/3 and TIMP1/3 Expression in Growing Rats. Biological Trace Element Research, 2017, 175, 396-404.	3.5	20
95	Diagnostic value of circulating microRNAs for osteosarcoma in Asian populations: a meta-analysis. Clinical and Experimental Medicine, 2017, 17, 175-183.	3.6	17
96	Genome-wide association study identifies COL2A1 locus involved in the hand development failure of Kashin-Beck disease. Scientific Reports, 2017, 7, 40020.	3.3	4
97	Zinc: the Other Suspected Environmental Factor in Kashin-Beck Disease in Addition to Selenium. Biological Trace Element Research, 2017, 179, 178-184.	3.5	12
98	Reliability and validity of the 12-item WHODAS 2.0 in patients with Kashinâ€“Beck disease. Rheumatology International, 2017, 37, 1567-1573.	3.0	13
99	Integrating genome-wide association study and expression quantitative trait loci data identifies multiple genes and gene set associated with neuroticism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 78, 149-152.	4.8	12
100	Comparison of microRNA expression profiles of Kashin-Beck disease, osteoarthritis and rheumatoid arthritis. Scientific Reports, 2017, 7, 540.	3.3	16
101	Inflammatory cytokine of IL-1Î² is involved in T-2 toxin-triggered chondrocyte injury and metabolism imbalance by the activation of Wnt/Î²-catenin signaling. Molecular Immunology, 2017, 91, 195-201.	2.2	12
102	Chondrocytes damage induced by T-2 toxin via Wnt/Î²-catenin signaling pathway is involved in the pathogenesis of an endemic osteochondropathy, Kashin-Beck disease. Experimental Cell Research, 2017, 361, 141-148.	2.6	20
103	Selenium promotes metabolic conversion of T-2 toxin to HT-2 toxin in cultured human chondrocytes. Journal of Trace Elements in Medicine and Biology, 2017, 44, 218-224.	3.0	13
104	Gene expression profiles and molecular mechanism of cultured human chondrocytes' exposure to T-2 toxin and deoxynivalenol. Toxicon, 2017, 140, 38-44.	1.6	12
105	Long noncoding RNA expression profile reveals lncRNAs signature associated with extracellular matrix degradation in kashin-beck disease. Scientific Reports, 2017, 7, 17553.	3.3	17
106	Roles of Glycoproteins in the Diagnosis and Differential Diagnosis of Chronic and Latent Keshan Disease. Molecules, 2017, 22, 746.	3.8	8
107	Integrating Genome-Wide Association and eQTLs Studies Identifies the Genes and Gene Sets Associated with Diabetes. BioMed Research International, 2017, 2017, 1-4.	1.9	3
108	Genome-wide DNA methylation profile analysis identifies differentially methylated loci associated with ankylosis spondylitis. Arthritis Research and Therapy, 2017, 19, 177.	3.5	34

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109	Integrated bioinformatics analysis of the osteoarthritisâ€‘associated microRNA expression signature. Molecular Medicine Reports, 2017, 17, 1833-1838.	2.4	14
110	Evaluation of the Sensitivity and Specificity of the New Clinical Diagnostic and Classification Criteria for Kashin-Beck Disease, an Endemic Osteoarthritis, in China. Biomedical and Environmental Sciences, 2017, 30, 150-155.	0.2	11
111	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. Biomedical and Environmental Sciences, 2017, 30, 851-854.	0.2	13
112	Advances in Biosensors, Chemosensors and Assays for the Determination of Fusarium Mycotoxins. Toxins, 2016, 8, 161.	3.4	36
113	Comparative analysis of signaling pathways in peripheral blood from patients with Kashin-Beck disease and osteoarthritis. Experimental and Therapeutic Medicine, 2016, 12, 4077-4084.	1.8	4
114	Association Between Cartilage Intermediate Layer Protein and Degeneration of Intervertebral Disc. Spine, 2016, 41, E1244-E1248.	2.0	12
115	A bivariate genome-wide association study identifies ADAM12 as a novel susceptibility gene for Kashin-Beck disease. Scientific Reports, 2016, 6, 31792.	3.3	9
116	The effects of T-2 toxin on the prevalence and development of Kashinâ€“Beck disease in China: a meta-analysis and systematic review. Toxicology Research, 2016, 5, 731-751.	2.1	43
117	PAPA: a flexible tool for identifying pleiotropic pathways using genome-wide association study summaries. Bioinformatics, 2016, 32, 946-948.	4.1	7
118	The roles of selenium, insulin-like growth factor binding protein 2 and suppressor of cytokine signaling 3 in the pathogenesis of Kashinâ€“Beck disease. Biomarkers, 2016, 21, 409-415.	1.9	3
119	The potential biochemical markers of Kashinâ€“Beck disease: a meta-analysis. Biomarkers, 2016, 21, 633-638.	1.9	3
120	Elevation of IGFBP2 contributes to mycotoxin T-2-induced chondrocyte injury and metabolism. Biochemical and Biophysical Research Communications, 2016, 478, 385-391.	2.1	10
121	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. Experimental and Therapeutic Medicine, 2016, 12, 739-745.	1.8	3
122	Field synopsis and meta-analyses of genetic epidemiological evidence for Kashinâ€“Beck disease, an endemic osteoarthropathy in China. Molecular Genetics and Genomics, 2016, 291, 1823-1833.	2.1	8
123	Reliability and validity of the EQ-5D-3L for Kashinâ€“Beck disease in China. SpringerPlus, 2016, 5, 1924.	1.2	18
124	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
125	Integrative Multivariate Logistic Regression Analysis of Risk Factors for Kashin-Beck disease. Biological Trace Element Research, 2016, 174, 274-279.	3.5	13
126	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. Journal of Orthopaedic Surgery and Research, 2016, 11, 64.	2.3	5

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127	PPARGC1B gene is associated with Kashin-Beck disease in Han Chinese. Functional and Integrative Genomics, 2016, 16, 459-463.	3.5	1
128	Hyaluronic acid and glucosamine sulfate for adult Kashin-Beck disease: a cluster-randomized, placebo-controlled study. Clinical Rheumatology, 2016, 35, 1263-1270.	2.2	5
129	Effect of Selenium Deficiency on Phosphorylation of the AMPK Pathway in Rats. Biological Trace Element Research, 2016, 169, 254-260.	3.5	12
130	Selenium deficiency induced damages and altered expressions of metalloproteinases and their inhibitors (MMP1/3, TIMP1/3) in the kidneys of growing rats. Journal of Trace Elements in Medicine and Biology, 2016, 34, 1-9.	3.0	17
131	The Roles of the Interaction of BCL2-Antagonist/Killer 1, Apoptotic Peptidase Activating Factor 1 and Selenium in the Pathogenesis of Kashinâ€“Beck Disease. Biological Trace Element Research, 2016, 170, 17-24.	3.5	4
132	Selenium and Iodine Levels in Subjects with Kashin-Beck Disease: a Meta-analysis. Biological Trace Element Research, 2016, 170, 43-54.	3.5	23
133	Salt-Rich Selenium for Prevention and Control Children with Kashinâ€“Beck Disease: a Meta-analysis of Community-Based Trial. Biological Trace Element Research, 2016, 170, 25-32.	3.5	19
134	Prevalence of Selenium, T-2 Toxin, and Deoxynivalenol in Kashinâ€“Beck Disease Areas in Qinghai Province, Northwest China. Biological Trace Element Research, 2016, 171, 34-40.	3.5	59
135	Exome sequencing identified FGF12 as a novel candidate gene for Kashin-Beck disease. Functional and Integrative Genomics, 2016, 16, 13-17.	3.5	10
136	Exploring Genome-wide DNA Methylation Profiles Altered in Kashin-Beck Disease Using Infinium Human Methylation 450 Bead Chips. Biomedical and Environmental Sciences, 2016, 29, 539-43.	0.2	5
137	Is It the Appropriate Time to Stop Applying Selenium Enriched Salt in Kashin-Beck Disease Areas in China?. Nutrients, 2015, 7, 6195-6212.	4.1	23
138	COL9A1 Gene Polymorphism Is Associated with Kashin-Beck Disease in a Northwest Chinese Han Population. PLoS ONE, 2015, 10, e0120365.	2.5	16
139	The Survey of Birth Defects Rate Based on Birth Registration System. Chinese Medical Journal, 2015, 128, 7-14.	2.3	38
140	Panax notoginseng stimulates alkaline phosphatase activity, collagen synthesis, and mineralization in osteoblastic MC3T3-E1 cells. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 950-957.	1.5	12
141	Gene Expression Signature in Endemic Osteoarthritis by Microarray Analysis. International Journal of Molecular Sciences, 2015, 16, 11465-11481.	4.1	4
142	Integrative meta-analysis of differentially expressed genes in osteoarthritis using microarray technology. Molecular Medicine Reports, 2015, 12, 3439-3445.	2.4	19
143	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
144	CPAS: A trans-omics pathway analysis tool for jointly analyzing DNA copy number variations and mRNA expression profiles data. Journal of Biomedical Informatics, 2015, 53, 363-366.	4.3	2

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145	Identification of differentially expressed microRNAs involved in non-traumatic osteonecrosis through microRNA expression profiling. Gene, 2015, 565, 22-29.	2.2	39
146	Role of inflammation in the process of clinical Kashin-Beck disease: latest findings and interpretations. Inflammation Research, 2015, 64, 853-860.	4.0	23
147	Genome-wide pathway-based association study implicates complement system in the development of Kashin-Beck disease in Han Chinese. Bone, 2015, 71, 36-41.	2.9	12
148	Changing Grains for the Prevention and Treatment of Kashin-Beck Disease in Children: a Meta-analysis. Biomedical and Environmental Sciences, 2015, 28, 308-11.	0.2	9
149	The Role of Mitochondria in T-2 Toxin-Induced Human Chondrocytes Apoptosis. PLoS ONE, 2014, 9, e108394.	2.5	49
150	CRISPR/Cas9 for genome editing: progress, implications and challenges. Human Molecular Genetics, 2014, 23, R40-R46.	2.9	487
151	Expression profiles of genes involved in apoptosis and selenium metabolism in articular cartilage of patients with Kashinâ€“Beck osteoarthritis. Gene, 2014, 535, 124-130.	2.2	20
152	Trans-omics pathway analysis suggests that eQTLs contribute to chondrocyte apoptosis of Kashinâ€“Beck disease through regulating apoptosis pathway expression. Gene, 2014, 553, 166-169.	2.2	6
153	Difference in apoptosis-associated genes expression profiling and immunohistology analysis between Kashin-Beck disease and primary osteoarthritis. Science Bulletin, 2014, 59, 833-839.	1.7	2
154	Disordered glycometabolism involved in pathogenesis of Kashinâ€“Beck disease, an endemic osteoarthritis in China. Experimental Cell Research, 2014, 326, 240-250.	2.6	16
155	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. PLoS ONE, 2014, 9, e103618.	2.5	11
156	Abnormal expression of chondroitin sulphate N-acetylgalactosaminyltransferase 1 and Hapln-1 in cartilage with Kashinâ€“Beck disease and primary osteoarthritis. International Orthopaedics, 2013, 37, 2051-2059.	1.9	25
157	Down-regulation of ATF2 in the inhibition of T-2-toxin-induced chondrocyte apoptosis by selenium chondroitin sulfate nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	5