

Shicheng Guo

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

4,435
citations

172457

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114465

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98
docs citations

98
times ranked

8077
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating Level of Blood Iron and Copper Associated with Inflammation and Disease Activity of Rheumatoid Arthritis. <i>Biological Trace Element Research</i> , 2023, 201, 90-97.	3.5	12
2	Biomarkers to Predict DMARDs Efficacy and Adverse Effect in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2022, 13, 865267.	4.8	12
3	DNA Methylation of T Lymphocytes as a Therapeutic Target: Implications for Rheumatoid Arthritis Etiology. <i>Frontiers in Immunology</i> , 2022, 13, 863703.	4.8	11
4	MicroRNA-Mediated Epigenetic Regulation of Rheumatoid Arthritis Susceptibility and Pathogenesis. <i>Frontiers in Immunology</i> , 2022, 13, 838884.	4.8	32
5	Inflammatory Response to Regulated Cell Death in Gout and Its Functional Implications. <i>Frontiers in Immunology</i> , 2022, 13, 888306.	4.8	24
6	Novel approach by natural language processing for COVID-19 knowledge discovery. <i>Biomedical Journal</i> , 2022, 45, 472-481.	3.1	4
7	Targeting SHP2 sensitizes differentiated thyroid carcinoma to the MEK inhibitor.. <i>American Journal of Cancer Research</i> , 2022, 12, 247-264.	1.4	0
8	Prognosis of lung cancer with simple brain metastasis patients and establishment of survival prediction models: a study based on real events. <i>BMC Pulmonary Medicine</i> , 2022, 22, 162.	2.0	3
9	RNA-seq and Network Analysis Reveal Unique Chemokine Activity Signatures in the Synovial Tissue of Patients With Rheumatoid Arthritis. <i>Frontiers in Medicine</i> , 2022, 9, .	2.6	3
10	Prediction of lung cancer risk in Chinese population with genetic&environment factor using extreme gradient boosting. <i>Cancer Medicine</i> , 2022, 11, 4469-4478.	2.8	7
11	Inhibition of BRAF Sensitizes Thyroid Carcinoma to Immunotherapy by Enhancing tsMHCII-mediated Immune Recognition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 91-107.	3.6	18
12	DNA hypermethylation contributes to colorectal cancer metastasis by regulating the binding of CEBPB and TFCP2 to the CPEB1 promoter. <i>Clinical Epigenetics</i> , 2021, 13, 89.	4.1	16
13	Mechanisms of DNA Methylation in Virus-Host Interaction in Hepatitis B Infection: Pathogenesis and Oncogenetic Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9858.	4.1	15
14	The relevance analysis of GSTP1 rs1695 and lung cancer in the Chinese Han population. <i>International Journal of Biological Markers</i> , 2021, 36, 172460082110392.	1.8	2
15	Targeted Bisulfite Sequencing Reveals DNA Methylation Changes in Zinc Finger Family Genes Associated With KRAS Mutated Colorectal Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759813.	3.7	7
16	MicroRNA Variants and HLA-miRNA Interactions are Novel Rheumatoid Arthritis Susceptibility Factors. <i>Frontiers in Genetics</i> , 2021, 12, 747274.	2.3	14
17	Molecular and Cellular Heterogeneity in Rheumatoid Arthritis: Mechanisms and Clinical Implications. <i>Frontiers in Immunology</i> , 2021, 12, 790122.	4.8	58
18	Associations Between CAMKK1 Polymorphism rs7214723 and the Prognosis of Patients With Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 757484.	2.8	3

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19	Remediation of ABCG5-Linked Macrothrombocytopenia With Ezetimibe Therapy. <i>Frontiers in Genetics</i> , 2021, 12, 769699.	2.3	1
20	Genome-wide identification of m6A-associated functional SNPs as potential functional variants for thyroid cancer. <i>American Journal of Cancer Research</i> , 2021, 11, 5402-5414.	1.4	0
21	Apoptosis, Autophagy, NETosis, Necroptosis, and Pyroptosis Mediated Programmed Cell Death as Targets for Innovative Therapy in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 809806.	4.8	87
22	Hypomethylation in HBV integration regions aids non-invasive surveillance to hepatocellular carcinoma by low-pass genome-wide bisulfite sequencing. <i>BMC Medicine</i> , 2020, 18, 200.	5.5	25
23	Epigenetic Regulation Mediated by Methylation in the Pathogenesis and Precision Medicine of Rheumatoid Arthritis. <i>Frontiers in Genetics</i> , 2020, 11, 811.	2.3	23
24	Conditional Generative Adversarial Networks for Individualized Treatment Effect Estimation and Treatment Selection. <i>Frontiers in Genetics</i> , 2020, 11, 585804.	2.3	9
25	MICA $\hat{=}$ 012:01 Allele Facilitates the Metastasis of KRAS-Mutant Colorectal Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 511.	2.3	9
26	Noninvasive chimeric DNA profiling identifies tumor-originated HBV integrants contributing to viral antigen expression in liver cancer. <i>Hepatology International</i> , 2020, 14, 326-337.	4.2	20
27	Genome-wide DNA methylation profiles of low- and high-grade adenoma reveals potential biomarkers for early detection of colorectal carcinoma. <i>Clinical Epigenetics</i> , 2020, 12, 56.	4.1	33
28	Effect of rs13181 and rs1799793 polymorphisms and environmental factors on the prognosis of patients with lung cancer. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 6941-6953.	0.0	3
29	Polymorphism rs3819102 in thymidylate synthase and environmental factors: effects on lung cancer in Chinese population. <i>Current Problems in Cancer</i> , 2019, 43, 66-74.	2.0	6
30	(5R)-5-Hydroxytryptolide (LLDT-8) induces substantial epigenetic mediated immune response network changes in fibroblast-like synoviocytes from rheumatoid arthritis patients. <i>Scientific Reports</i> , 2019, 9, 11155.	3.3	16
31	Nitrogen-doped hierarchically ellipsoidal porous carbon derived from Al-based metal-organic framework with enhanced specific capacitance and rate capability for high performance supercapacitors. <i>Journal of Power Sources</i> , 2019, 432, 102-111.	7.8	45
32	A gene-based recessive diplotype exome scan discovers FGF6, a novel hepcidin-regulating iron-metabolism gene. <i>Blood</i> , 2019, 133, 1888-1898.	1.4	14
33	Genome-Wide DNA Methylation Profiles Reveal Common Epigenetic Patterns of Interferon-Related Genes in Multiple Autoimmune Diseases. <i>Frontiers in Genetics</i> , 2019, 10, 223.	2.3	57
34	Epigenetic silencing of ZNF132 mediated by methylation-sensitive Sp1 binding promotes cancer progression in esophageal squamous cell carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 1.	6.3	361
35	Associations of Multiple <i>NOTCH4</i> Exonic Variants with Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2019, 46, 184-189.	2.0	8
36	Increased DOT1L in synovial biopsies of patients with OA and RA. <i>Clinical Rheumatology</i> , 2018, 37, 1327-1332.	2.2	6

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37	Genome-Wide DNA Methylation Analysis in Systemic Sclerosis Reveals Hypomethylation of IFN-Associated Genes in CD4+ and CD8+ T Cells. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1069-1077.	0.7	55
38	A green and template-free synthesis process of superior carbon material with ellipsoidal structure as enhanced material for supercapacitors. <i>Journal of Power Sources</i> , 2018, 405, 80-88.	7.8	45
39	Identification of Hyper-Methylated Tumor Suppressor Genes-Based Diagnostic Panel for Esophageal Squamous Cell Carcinoma (ESCC) in a Chinese Han Population. <i>Frontiers in Genetics</i> , 2018, 9, 356.	2.3	23
40	Hypoxic-stabilized EPAS1 proteins transactivate DNMT1 and cause promoter hypermethylation and transcription inhibition of EPAS1 in non-small cell lung cancer. <i>FASEB Journal</i> , 2018, 32, 6694-6705.	0.5	29
41	Identification of methylation haplotype blocks aids in deconvolution of heterogeneous tissue samples and tumor tissue-of-origin mapping from plasma DNA. <i>Nature Genetics</i> , 2017, 49, 635-642.	21.4	384
42	A new lead single flow battery in a composite perchloric acid system with high specific surface capacity for large-scale energy storage. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3533-3543.	2.5	4
43	Genome-wide DNA methylation patterns in CD4+ T cells from Chinese Han patients with rheumatoid arthritis. <i>Modern Rheumatology</i> , 2017, 27, 441-447.	1.8	56
44	Targeted bisulfite sequencing identified a panel of DNA methylation-based biomarkers for esophageal squamous cell carcinoma (ESCC). <i>Clinical Epigenetics</i> , 2017, 9, 129.	4.1	75
45	Hdac7 promotes lung tumorigenesis by inhibiting Stat3 activation. <i>Molecular Cancer</i> , 2017, 16, 170.	19.2	51
46	Genetic variant of miR-4293 rs12220909 is associated with susceptibility to non-small cell lung cancer in a Chinese Han population. <i>PLoS ONE</i> , 2017, 12, e0175666.	2.5	11
47	Quantitative assessment of the diagnostic role of FHIT promoter methylation in non-small cell lung cancer. <i>Oncotarget</i> , 2017, 8, 6845-6856.	1.8	13
48	Aberrant methylation of CDH13 can be a diagnostic biomarker for lung adenocarcinoma. <i>Journal of Cancer</i> , 2016, 7, 2280-2289.	2.5	27
49	Copy Number Variation of HLA-DQA1 and APOBEC3A/3B Contribute to the Susceptibility of Systemic Sclerosis in the Chinese Han Population. <i>Journal of Rheumatology</i> , 2016, 43, 880-886.	2.0	4
50	Obesity-related DNA methylation at imprinted genes in human sperm: Results from the TIEGER study. <i>Clinical Epigenetics</i> , 2016, 8, 51.	4.1	151
51	In vivo genome editing via CRISPR/Cas9 mediated homology-independent targeted integration. <i>Nature</i> , 2016, 540, 144-149.	27.8	906
52	The detective, prognostic, and predictive value of DNA methylation in human esophageal squamous cell carcinoma. <i>Clinical Epigenetics</i> , 2016, 8, 43.	4.1	74
53	Hypermethylation reduces the expression of PNPLA7 in hepatocellular carcinoma. <i>Oncology Letters</i> , 2016, 12, 670-674.	1.8	9
54	Genetic variants in miR-196a2 and miR-499 are associated with susceptibility to esophageal squamous cell carcinoma in Chinese Han population. <i>Tumor Biology</i> , 2016, 37, 4777-4784.	1.8	39

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55	Abnormal methylation status of FBXW10 and SMPD3, and associations with clinical characteristics in clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2015, 10, 3073-3080.	1.8	36
56	Association between ABCG2 Q141K polymorphism and gout risk affected by ethnicity and gender: a systematic review and meta-analysis. <i>International Journal of Rheumatic Diseases</i> , 2015, 18, 382-391.	1.9	29
57	Positional cloning and next-generation sequencing identified a TGM6 mutation in a large Chinese pedigree with acute myeloid leukaemia. <i>European Journal of Human Genetics</i> , 2015, 23, 218-223.	2.8	19
58	Identification and validation of the methylation biomarkers of non-small cell lung cancer (NSCLC). <i>Clinical Epigenetics</i> , 2015, 7, 3.	4.1	59
59	miR-449b rs10061133 and miR-4293 rs12220909 polymorphisms are associated with decreased esophageal squamous cell carcinoma in a Chinese population. <i>Tumor Biology</i> , 2015, 36, 8789-8795.	1.8	34
60	Multiple functional linear model for association analysis of RNA-seq with imaging. <i>Quantitative Biology</i> , 2015, 3, 90-102.	0.5	2
61	Functional Principal Component Analysis and Randomized Sparse Clustering Algorithm for Medical Image Analysis. <i>PLoS ONE</i> , 2015, 10, e0132945.	2.5	22
62	Association of the HLA-DRB1 with Scleroderma in Chinese Population. <i>PLoS ONE</i> , 2014, 9, e106939.	2.5	29
63	Copy number variations of HLA-DRB5 is associated with systemic lupus erythematosus risk in Chinese Han population. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014, 46, 155-160.	2.0	11
64	High-frequency aberrantly methylated targets in pancreatic adenocarcinoma identified via global DNA methylation analysis using methylCap-seq. <i>Clinical Epigenetics</i> , 2014, 6, 18.	4.1	32
65	Genome-wide methylation profiling of the different stages of hepatitis B virus-related hepatocellular carcinoma development in plasma cell-free DNA reveals potential biomarkers for early detection and high-risk monitoring of hepatocellular carcinoma. <i>Clinical Epigenetics</i> , 2014, 6, 30.	4.1	49
66	9q33.3, A Stress-Related Chromosome Region, Contributes to Reducing Lung Squamous Cell Carcinoma Risk. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1041-1047.	1.1	10
67	Different Hereditary Contribution of the CFH Gene Between Polypoidal Choroidal Vasculopathy and Age-Related Macular Degeneration in Chinese Han People. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 2534.		25
68	Significant SNPs have limited prediction ability for thyroid cancer. <i>Cancer Medicine</i> , 2014, 3, 731-735.	2.8	15
69	Quantitative assessment of the diagnostic role of APC promoter methylation in non-small cell lung cancer. <i>Clinical Epigenetics</i> , 2014, 6, 5.	4.1	27
70	Association between HLA-DQA1 gene copy number polymorphisms and susceptibility to rheumatoid arthritis in Chinese Han population. <i>Journal of Genetics</i> , 2014, 93, 215-218.	0.7	4
71	Association study of miR-149 rs2292832 and miR-608 rs4919510 and the risk of hepatocellular carcinoma in a large-scale population. <i>Molecular Medicine Reports</i> , 2014, 10, 2736-2744.	2.4	34
72	Confirmation of papillary thyroid cancer susceptibility loci identified by genome-wide association studies of chromosomes 14q13, 9q22, 2q35 and 8p12 in a Chinese population. <i>Journal of Medical Genetics</i> , 2013, 50, 689-695.	3.2	66

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73	Abnormal methylation of seven genes and their associations with clinical characteristics in early stage non-small cell lung cancer. <i>Oncology Letters</i> , 2013, 5, 1211-1218.	1.8	46
74	Hypermethylation reduces expression of tumor suppressor PLZF and regulates proliferation and apoptosis in non-small cell lung cancers. <i>FASEB Journal</i> , 2013, 27, 4194-4203.	0.5	30
75	Association between copy number variations of HLA-DQA1 and ankylosing spondylitis in the Chinese Han population. <i>Genes and Immunity</i> , 2013, 14, 500-503.	4.1	10
76	Prognostic Role of MicroRNA-181a/b in Hematological Malignancies: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e59532.	2.5	44
77	Predictive Value of XRCC1 Gene Polymorphisms on Platinum-Based Chemotherapy in Advanced Non-Small Cell Lung Cancer Patients: A Systematic Review and Meta-analysis. <i>Clinical Cancer Research</i> , 2012, 18, 3972-3981.	7.0	42
78	Quantitative assessment of the variation in IGF2BP2 gene and type 2 diabetes risk. <i>Acta Diabetologica</i> , 2012, 49, 87-97.	2.5	10
79	Methylcap-Seq Reveals Novel DNA Methylation Markers for the Diagnosis and Recurrence Prediction of Bladder Cancer in a Chinese Population. <i>PLoS ONE</i> , 2012, 7, e35175.	2.5	59
80	Hypomethylation of the hsa-miR-191 Locus Causes High Expression of hsa-miR-191 and Promotes the Epithelial-to-Mesenchymal Transition in Hepatocellular Carcinoma. <i>Neoplasia</i> , 2011, 13, 841-849.	5.3	105
81	Single base-resolution methylome of the silkworm reveals a sparse epigenomic map. <i>Nature Biotechnology</i> , 2010, 28, 516-520.	17.5	349
82	The DNA Methylome of Human Peripheral Blood Mononuclear Cells. <i>PLoS Biology</i> , 2010, 8, e1000533.	5.6	290
83	Targeting SHP2 Sensitizes Papillary Thyroid Cancer Cells to MEK Inhibitors. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
84	Epigenetic Repressing of CPEB1 Enhances Malignant Progression by Reducing Chromatin Accessibility of CEBPB in Colorectal Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
85	Trends in the Contribution of Genetic Susceptibility Loci to Hyperuricemia and Gout and Associated Novel Mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	4
86	G-Protein-Coupled Receptors in Rheumatoid Arthritis: Recent Insights into Mechanisms and Functional Roles. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	9