

Rong Mao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

245
papers

6,921
citations

42
h-index

72
g-index

257
ext. papers

8,363
ext. citations

4.6
avg, IF

5.83
L-index

#	Paper	IF	Citations
245	Bark controls tree branch-leached dissolved organic matter production and bioavailability in a subtropical forest. <i>Biogeochemistry</i> , 2022 , 158, 345	3.8	1
244	Contrasting responses of soil phosphorus pool and bioavailability to alder expansion in a boreal peatland, Northeast China. <i>Catena</i> , 2022 , 212, 106128	5.8	0
243	Tree Fresh Leaf- and Twig-Leached Dissolved Organic Matter Quantity and Biodegradability in Subtropical Plantations in China. <i>Forests</i> , 2022 , 13, 833	2.8	0
242	Amount and biodegradation of dissolved organic matter leached from tree branches and roots in subtropical plantations of China. <i>Forest Ecology and Management</i> , 2021 , 484, 118944	3.9	7
241	Understory removal accelerates nucleic phosphorus release but retards residual phosphorus release in decomposing litter of <i>Phyllostachys edulis</i> in subtropical China. <i>Land Degradation and Development</i> , 2021 , 32, 2695-2703	4.4	1
240	Hydrological seasonality largely contributes to riverine dissolved organic matter chemical composition: Insights from EEM-PARAFAC and optical indicators. <i>Journal of Hydrology</i> , 2021 , 595, 125993	6.3	8
239	Shrub encroachment balances soil organic carbon pool by increasing carbon recalcitrance in a temperate herbaceous wetland. <i>Plant and Soil</i> , 2021 , 464, 347	4.2	0
238	Linkage of aggregate formation, aggregate-associated C distribution, and microorganisms in two different-textured ultisols: A short-term incubation experiment. <i>Geoderma</i> , 2021 , 394, 114979	6.7	0
237	Biomass allocation between leaf and stem regulates community-level plant nutrient resorption efficiency response to nitrogen and phosphorus additions in a temperate wetland of Northeast China. <i>Journal of Plant Ecology</i> , 2021 , 14, 58-66	1.7	1
236	Differential responses of litter decomposition in the air and on the soil surface to shrub encroachment in a graminoid-dominated temperate wetland. <i>Plant and Soil</i> , 2021 , 462, 477-488	4.2	3
235	Tree mycorrhizal effect on litter-leached DOC amounts and biodegradation is highly dependent on leaf habits in subtropical forests of southern China. <i>Journal of Soils and Sediments</i> , 2021 , 21, 3572	3.4	1
234	Effective variant filtering and expected candidate variant yield in studies of rare human disease. <i>Npj Genomic Medicine</i> , 2021 , 6, 60	6.2	8
233	Mixing overstory tree- and understory fern-derived dissolved organic carbon produces non-additive effects on biodegradation in subtropical forests of southern China. <i>Plant and Soil</i> , 2021 , 468, 115	4.2	
232	Different leaf carbon, nitrogen, and phosphorus stoichiometry and carbon and nitrogen isotopes among peatland plants in northeastern China. <i>Plant and Soil</i> , 2021 , 467, 345	4.2	1
231	New-onset IgG autoantibodies in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021 , 12, 5417	17.4	65
230	Leaf litter decomposition in the air should not be ignored in subtropical plantations of China. <i>Forest Ecology and Management</i> , 2021 , 499, 119614	3.9	0
229	Effects of long-term nitrogen addition on dissolved organic matter characteristics in a temperate wetland of Northeast China. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 226, 112822	7	0

228	Relationship between relative growth rate and C:N:P stoichiometry for the marsh herbaceous plants under water-level stress conditions. <i>Global Ecology and Conservation</i> , 2021 , 25, e01416	2.8	1
227	Characterization of Reference Materials for Spinal Muscular Atrophy Genetic Testing: A Genetic Testing Reference Materials Coordination Program Collaborative Project. <i>Journal of Molecular Diagnostics</i> , 2021 , 23, 103-110	5.1	3
226	Severe Distal Motor Involvement in a Non-compliant Adult With Biotinidase Deficiency: The Necessity of Life-Long Biotin Therapy. <i>Frontiers in Neurology</i> , 2020 , 11, 516799	4.1	1
225	Detecting mosaic variants in patients with somatic overgrowth syndromes using cell-free circulating DNA and deep sequencing. <i>Journal of Medical Genetics</i> , 2020 , 57, 794-796	5.8	1
224	Genotype and Phenotype Concordance for Pharmacogenetic Tests Through Proficiency Survey Testing. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 1057-1066	5	1
223	Response of individual sizes and spatial patterns of <i>Deyeuxia angustifolia</i> to increasing water level gradient in a freshwater wetland. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 17085-17092	5.1	2
222	Traits and their plasticity determine responses of plant performance and community functional property to nitrogen enrichment in a boreal peatland. <i>Plant and Soil</i> , 2020 , 449, 151-167	4.2	4
221	Linking leaf nutrient resorption and litter decomposition to plant mycorrhizal associations in boreal peatlands. <i>Plant and Soil</i> , 2020 , 448, 413-424	4.2	8
220	Chronic nitrogen addition promotes dissolved organic carbon accumulation in a temperate freshwater wetland. <i>Environmental Pollution</i> , 2020 , 260, 114030	9.3	5
219	Effect of expanded shrub litter on decomposition of graminoid litter in a temperate freshwater marsh. <i>Plant and Soil</i> , 2020 , 451, 409-418	4.2	3
218	Responses of leaf nitrogen and phosphorus allocation patterns to nutrient additions in a temperate freshwater wetland. <i>Ecological Indicators</i> , 2020 , 110, 105949	5.8	6
217	Effect of woody plant expansion on decomposition of fine root mixtures in a grass-dominated temperate wetland. <i>Wetlands Ecology and Management</i> , 2020 , 28, 191-197	2.1	
216	A novel pathogenic variant in DYNC1H1 causes various upper and lower motor neuron anomalies. <i>European Journal of Medical Genetics</i> , 2020 , 63, 104063	2.6	3
215	Functional identity and functional diversity co-regulate litter mixture decomposition and nitrogen release in boreal riparian forest ponds. <i>Biogeochemistry</i> , 2020 , 151, 99-111	3.8	5
214	Plant phenols contents and their changes with nitrogen availability in peatlands of northeastern China. <i>Journal of Plant Ecology</i> , 2020 , 13, 713-721	1.7	
213	Specifications of the ACMG/AMP standards and guidelines for mitochondrial DNA variant interpretation. <i>Human Mutation</i> , 2020 , 41, 2028-2057	4.7	21
212	The species-specific responses of nutrient resorption and carbohydrate accumulation in leaves and roots to nitrogen addition in a subtropical mixed plantation. <i>Canadian Journal of Forest Research</i> , 2019 , 49, 826-835	1.9	8
211	Targeted gene panel sequencing for the rapid diagnosis of acutely ill infants. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e00796	2.3	16

210	Effects of Experimental Nitrogen Addition on Nutrients and Nonstructural Carbohydrates of Dominant Understory Plants in a Chinese Fir Plantation. <i>Forests</i> , 2019 , 10, 155	2.8	10
209	Gas transfer velocities of CO ₂ in subtropical monsoonal climate streams and small rivers. <i>Biogeosciences</i> , 2019 , 16, 681-693	4.6	8
208	<i>Alnus sibirica</i> encroachment promotes dissolved organic carbon biodegradation in a boreal peatland. <i>Science of the Total Environment</i> , 2019 , 695, 133882	10.2	4
207	Effects of nutrient addition on foliar phosphorus fractions and their resorption in different-aged leaves of Chinese fir in subtropical China. <i>Plant and Soil</i> , 2019 , 443, 41-54	4.2	12
206	An alternative approach to reduce algorithm-derived biases in monitoring soil organic carbon changes. <i>Ecology and Evolution</i> , 2019 , 9, 7586-7596	2.8	7
205	Effects of litter mixtures on aerobic decomposition rate and its temperature sensitivity in a boreal peatland. <i>Geoderma</i> , 2019 , 354, 113890	6.7	7
204	Dysregulated integrin α 5 and CD47 signaling promotes joint inflammation, cartilage breakdown, and progression of osteoarthritis. <i>JCI Insight</i> , 2019 , 4,	9.9	17
203	Genomic Applications in Inherited Genetic Disorders 2019 , 543-560		
202	Affinity Maturation of the Anti-Citrullinated Protein Antibody Paratope Drives Epitope Spreading and Polyreactivity in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2019 , 71, 507-517	9.5	28
201	NF1 Somatic Mutation in Dystrophic Scoliosis. <i>Journal of Molecular Neuroscience</i> , 2019 , 68, 11-18	3.3	6
200	Bi-allelic Variants in TONSL Cause SPONASTRIME Dysplasia and a Spectrum of Skeletal Dysplasia Phenotypes. <i>American Journal of Human Genetics</i> , 2019 , 104, 422-438	11	10
199	Development of Clinical Domain Working Groups for the Clinical Genome Resource (ClinGen): lessons learned and plans for the future. <i>Genetics in Medicine</i> , 2019 , 21, 987-993	8.1	13
198	Temporal controls on dissolved organic carbon biodegradation in subtropical rivers: Initial chemical composition versus stoichiometry. <i>Science of the Total Environment</i> , 2019 , 651, 3064-3069	10.2	13
197	Extrapolation of Variant Phase in Mitochondrial Short-Chain Enoyl-CoA Hydratase (ECHS1) Deficiency. <i>JIMD Reports</i> , 2019 , 43, 103-109	1.9	9
196	Plant functional group controls litter decomposition rate and its temperature sensitivity: An incubation experiment on litters from a boreal peatland in northeast China. <i>Science of the Total Environment</i> , 2018 , 626, 678-683	10.2	21
195	Three novel GJB2 (connexin 26) variants associated with autosomal dominant syndromic and nonsyndromic hearing loss. <i>American Journal of Medical Genetics, Part A</i> , 2018 , 176, 945-950	2.5	4
194	Plasmablast antibody repertoires in elderly influenza vaccine responders exhibit restricted diversity but increased breadth of binding across influenza strains. <i>Clinical Immunology</i> , 2018 , 193, 70-79	9	12
193	Soil-Aggregate-Associated Organic Carbon Along Vegetation Zones in Tidal Salt Marshes in the Liaohe Delta. <i>Clean - Soil, Air, Water</i> , 2018 , 46, 1800049	1.6	2

192	Riverine CO ₂ supersaturation and outgassing in a subtropical monsoonal mountainous area (Three Gorges Reservoir Region) of China. <i>Journal of Hydrology</i> , 2018 , 558, 460-469	6	29
191	Circulating plasmablasts are elevated and produce pathogenic anti-endothelial cell autoantibodies in idiopathic pulmonary arterial hypertension. <i>European Journal of Immunology</i> , 2018 , 48, 874-884	6.1	22
190	Temperature sensitivity of biodegradable dissolved organic carbon increases with elevating humification degree in subtropical rivers. <i>Science of the Total Environment</i> , 2018 , 635, 1367-1371	10.2	10
189	Severe biodegradation of polycyclic aromatic hydrocarbons in reservoir crude oils from the Miaoxi Depression, Bohai Bay Basin. <i>Fuel</i> , 2018 , 211, 859-867	7.1	19
188	Single-cell epigenetics - Chromatin modification atlas unveiled by mass cytometry. <i>Clinical Immunology</i> , 2018 , 196, 40-48	9	13
187	Affinity Maturation Drives Epitope Spreading and Generation of Proinflammatory Anti-Citrullinated Protein Antibodies in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1946-1958	9.5	44
186	Galactose-1-Phosphate Uridyltransferase Activities in Different Genotypes: A Retrospective Analysis of 927 Samples. <i>journal of applied laboratory medicine, The</i> , 2018 , 3, 222-230	2	1
185	Hydrocarbon potential and biomarker assemblages of Paleogene source rocks in the Cangdong sag, Bohai Bay Basin, China. <i>Journal of Geochemical Exploration</i> , 2018 , 194, 9-18	3.8	4
184	Effect of genotype on galactose-1-phosphate in classic galactosemia patients. <i>Molecular Genetics and Metabolism</i> , 2018 , 125, 258-265	3.7	3
183	Non-Immune Hydrops, Hypotonia, Encephalopathy, and Liver Failure with Novel Compound Heterozygous AHCY Mutations. <i>Neonatology</i> , 2018 , 114, 337-340	4	5
182	Heavy metals in soils of Hechuan County in the upper Yangtze (SW China): Comparative pollution assessment using multiple indices with high-spatial-resolution sampling. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 644-651	7	28
181	Novel mutation in as a cause of recurrent hydrops fetalis from Hennekam lymphangiectasia-lymphedema syndrome-1. <i>Clinical Case Reports (discontinued)</i> , 2018 , 6, 2358-2363	0.7	5
180	Evaluation of lacustrine groundwater discharge, hydrologic partitioning, and nutrient budgets in a proglacial lake in the Qinghai-Tibet Plateau: using $\delta^{15}\text{N}$ and stable isotopes. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 5579-5598	5.5	11
179	Large greenhouse gases emissions from China's lakes and reservoirs. <i>Water Research</i> , 2018 , 147, 13-24	12.5	86
178	ClinGen Variant Curation Expert Panel experiences and standardized processes for disease and gene-level specification of the ACMG/AMP guidelines for sequence variant interpretation. <i>Human Mutation</i> , 2018 , 39, 1614-1622	4.7	83
177	Unique aspects of sequence variant interpretation for inborn errors of metabolism (IEM): The ClinGen IEM Working Group and the Phenylalanine Hydroxylase Gene. <i>Human Mutation</i> , 2018 , 39, 1569-1580	4.7	26
176	Scaling resolution of variant classification differences in ClinVar between 41 clinical laboratories through an outlier approach. <i>Human Mutation</i> , 2018 , 39, 1641-1649	4.7	28
175	Is Moss Stoichiometry Influenced by Microtopography in a Boreal Peatland of Northeast China?. <i>Chinese Geographical Science</i> , 2018 , 28, 1038-1047	2.9	0

174	Families of reservoir crude oils from the Cangdong Sag, Bohai Bay Basin, China. <i>Organic Geochemistry</i> , 2018 , 122, 115-125	3.1	5
173	Effect of long-term phosphorus addition on the quantity and quality of dissolved organic carbon in a freshwater wetland of Northeast China. <i>Science of the Total Environment</i> , 2017 , 586, 1032-1037	10.2	7
172	Pathogenic ASXL1 somatic variants in reference databases complicate germline variant interpretation for Bohring-Opitz Syndrome. <i>Human Mutation</i> , 2017 , 38, 517-523	4.7	34
171	Utilization of Whole-Exome Next-Generation Sequencing Variant Read Frequency for Detection of Lesion-Specific, Somatic Loss of Heterozygosity in a Neurofibromatosis Type 1 Cohort with Tibial Pseudarthrosis. <i>Journal of Molecular Diagnostics</i> , 2017 , 19, 468-474	5.1	5
170	A rapid gene sequencing panel strategy to facilitate precision neonatal medicine. <i>American Journal of Medical Genetics, Part A</i> , 2017 , 173, 1979-1982	2.5	8
169	Nitrogen addition in a freshwater marsh alters the quality of senesced leaves, promoting decay rates and changing nutrient dynamics during the standing-dead phase. <i>Plant and Soil</i> , 2017 , 417, 511-524	4.2	4
168	Development and Validation of Clinical Whole-Exome and Whole-Genome Sequencing for Detection of Germline Variants in Inherited Disease. <i>Archives of Pathology and Laboratory Medicine</i> , 2017 , 141, 798-805	5	36
167	Development and Validation of Targeted Next-Generation Sequencing Panels for Detection of Germline Variants in Inherited Diseases. <i>Archives of Pathology and Laboratory Medicine</i> , 2017 , 141, 787-797	5	13
166	Effects of Litter Evenness, Nitrogen Enrichment and Temperature on Short-Term Litter Decomposition in Freshwater Marshes of Northeast China. <i>Wetlands</i> , 2017 , 37, 145-152	1.7	15
165	Hippocampal Administration of Levothyroxine Impairs Contextual Fear Memory Consolidation in Rats. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 223	6.1	2
164	Species diversity and chemical properties of litter influence non-additive effects of litter mixtures on soil carbon and nitrogen cycling. <i>PLoS ONE</i> , 2017 , 12, e0180422	3.7	5
163	Functional and molecular studies in primary carnitine deficiency. <i>Human Mutation</i> , 2017 , 38, 1684-1699	4.7	34
162	Long-term phosphorus addition enhances the biodegradability of dissolved organic carbon in a nitrogen-limited temperate freshwater wetland. <i>Science of the Total Environment</i> , 2017 , 605-606, 332-336	10.2	13
161	Extreme drought causes distinct water acidification and eutrophication in the Lower Lakes (Lakes Alexandrina and Albert), Australia. <i>Journal of Hydrology</i> , 2017 , 544, 133-146	6	17
160	Phosphorus availability as a primary control of dissolved organic carbon biodegradation in the tributaries of the Yangtze River in the Three Gorges Reservoir Region. <i>Science of the Total Environment</i> , 2017 , 574, 1472-1476	10.2	23
159	Protective efficacy of a single salvianolic acid A treatment on photothrombosis-induced sustained spatial memory impairments. <i>Neuropsychiatric Disease and Treatment</i> , 2017 , 13, 1181-1192	3.1	7
158	Faraday Waves-Based Integrated Ultrasonic Micro-Droplet Generator and Applications. <i>Micromachines</i> , 2017 , 8,	3.3	7
157	Variable expressivity and incomplete penetrance in a large family with non-classical Diamond-Blackfan anemia associated with ribosomal protein L11 splicing variant. <i>American Journal of Medical Genetics, Part A</i> , 2017 , 173, 2622-2627	2.5	9

156	Low-grade inflammation as a key mediator of the pathogenesis of osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2016 , 12, 580-92	8.1	547
155	Decomposition of Mongolian pine litter in the presence of understory species in semi-arid northeast China. <i>Journal of Forestry Research</i> , 2016 , 27, 329-337	2	6
154	Inhibition of Rac1 activity in the hippocampus impaired extinction of contextual fear. <i>Neuropharmacology</i> , 2016 , 109, 216-222	5.5	14
153	BRAT1-related disease--identification of a patient without early lethality. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170, 699-702	2.5	17
152	Inhibition of Rac1 Activity in the Hippocampus Impairs the Forgetting of Contextual Fear Memory. <i>Molecular Neurobiology</i> , 2016 , 53, 1247-1253	6.2	30
151	Forty-eight novel mutations causing biotinidase deficiency. <i>Molecular Genetics and Metabolism</i> , 2016 , 117, 369-72	3.7	11
150	A deleterious Nav1.1 mutation selectively impairs telencephalic inhibitory neurons derived from Dravet Syndrome patients. <i>ELife</i> , 2016 , 5,	8.9	79
149	Molecular Pathology Methods 2016 , 19-52		2
148	Biomarkers to guide clinical therapeutics in rheumatology?. <i>Current Opinion in Rheumatology</i> , 2016 , 28, 168-75	5.3	30
147	BCAP31 Mutation Causing a Syndrome of Congenital Dystonia, Facial Dysorphism and Central Hypomyelination Discovered Using Exome Sequencing. <i>Movement Disorders Clinical Practice</i> , 2016 , 3, 197-199	2.2	5
146	Corticosterone regulates fear memory via Rac1 activity in the hippocampus. <i>Psychoneuroendocrinology</i> , 2016 , 71, 86-93	5	5
145	Effects of P addition on plant C:N:P stoichiometry in an N-limited temperate wetland of Northeast China. <i>Science of the Total Environment</i> , 2016 , 559, 1-6	10.2	36
144	The bidirectional effects of hypothyroidism and hyperthyroidism on anxiety- and depression-like behaviors in rats. <i>Hormones and Behavior</i> , 2015 , 69, 106-15	3.7	33
143	Plant zonation patterns reflected by the differences in plant growth, biomass partitioning and root traits along a water level gradient among four common vascular plants in freshwater marshes of the Sanjiang Plain, Northeast China. <i>Ecological Engineering</i> , 2015 , 81, 158-164	3.9	25
142	Comparing differences in early-stage decay of macrophyte shoots between in the air and on the sediment surface in a temperate freshwater marsh. <i>Ecological Engineering</i> , 2015 , 81, 14-18	3.9	7
141	Responses of plant nutrient resorption to phosphorus addition in freshwater marsh of Northeast China. <i>Scientific Reports</i> , 2015 , 5, 8097	4.9	24
140	Development of a Multiantigen Panel for Improved Detection of <i>Borrelia burgdorferi</i> Infection in Early Lyme Disease. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3834-41	9.7	28
139	Impaired PIEZO1 function in patients with a novel autosomal recessive congenital lymphatic dysplasia. <i>Nature Communications</i> , 2015 , 6, 8329	17.4	166

138	Impaired contextual fear extinction and hippocampal synaptic plasticity in adult rats induced by prenatal morphine exposure. <i>Addiction Biology</i> , 2015 , 20, 652-62	4.6	19
137	Effects of salinization and crude oil contamination on soil bacterial community structure in the Yellow River Delta region, China. <i>Applied Soil Ecology</i> , 2015 , 86, 165-173	5	68
136	Whole-scale neurobehavioral assessments of photothrombotic ischemia in freely moving mice. <i>Journal of Neuroscience Methods</i> , 2015 , 239, 100-7	3	19
135	Response of plant nutrient stoichiometry to fertilization varied with plant tissues in a tropical forest. <i>Scientific Reports</i> , 2015 , 5, 14605	4.9	35
134	Further supporting evidence for the SATB2-associated syndrome found through whole exome sequencing. <i>American Journal of Medical Genetics, Part A</i> , 2015 , 167A, 1026-32	2.5	34
133	Interference of TRPV1 function altered the susceptibility of PTZ-induced seizures. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 20	6.1	15
132	Effects of Nitrogen Addition on Litter Decomposition and CO2 Release: Considering Changes in Litter Quantity. <i>PLoS ONE</i> , 2015 , 10, e0144665	3.7	7
131	A Copy Number Variant on Chromosome 20q13.3 Implicated in Thinness and Severe Obesity. <i>Journal of Obesity</i> , 2015 , 2015, 623431	3.7	4
130	NMDA and D1 receptors are involved in one-trial tolerance to the anxiolytic-like effects of diazepam in the elevated plus maze test in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 135, 40-5	3.9	7
129	Evaluation of somatic mutations in tibial pseudarthrosis samples in neurofibromatosis type 1. <i>Journal of Medical Genetics</i> , 2015 , 52, 256-61	5.8	23
128	Reporting incidental findings in genomic scale clinical sequencing--a clinical laboratory perspective: a report of the Association for Molecular Pathology. <i>Journal of Molecular Diagnostics</i> , 2015 , 17, 107-17	5.1	43
127	Fluoxetine treatment reverses the intergenerational impact of maternal separation on fear and anxiety behaviors. <i>Neuropharmacology</i> , 2015 , 92, 1-7	5.5	8
126	Genomic Applications in Inherited Genetic Disorders 2015 , 535-551		1
125	A high-throughput next-generation sequencing assay for the mitochondrial genome. <i>Methods in Molecular Biology</i> , 2015 , 1264, 77-88	1.4	14
124	CO2 evolution from standing litter of the emergent macrophyte <i>Deyeuxia angustifolia</i> in the Sanjiang Plain, Northeast China. <i>Ecological Engineering</i> , 2014 , 63, 45-49	3.9	10
123	ACMG technical standards and guidelines for genetic testing for inherited colorectal cancer (Lynch syndrome, familial adenomatous polyposis, and MYH-associated polyposis). <i>Genetics in Medicine</i> , 2014 , 16, 101-16	8.1	113
122	Noncontinuously binding loop-out primers for avoiding problematic DNA sequences in PCR and sanger sequencing. <i>Journal of Molecular Diagnostics</i> , 2014 , 16, 477-480	5.1	1
121	Effects of nitrogen addition on plant functional traits in freshwater wetland of Sanjiang Plain, Northeast China. <i>Chinese Geographical Science</i> , 2014 , 24, 674-681	2.9	11

120	Effect of Suaeda salsa on Soil Aggregate-Associated Organic Carbon and Nitrogen in Tidal Salt Marshes in the Liaohe Delta, China. <i>Wetlands</i> , 2014 , 34, 189-195	1.7	21
119	Behavioral abnormalities and circuit defects in the basal ganglia of a mouse model of 16p11.2 deletion syndrome. <i>Cell Reports</i> , 2014 , 7, 1077-1092	10.6	137
118	Maternal separation exaggerates spontaneous recovery of extinguished contextual fear in adult female rats. <i>Behavioural Brain Research</i> , 2014 , 269, 75-80	3.4	23
117	Nicotinic acid activates the capsaicin receptor TRPV1: Potential mechanism for cutaneous flushing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1272-80	9.4	25
116	EIF2AK4 mutations in pulmonary capillary hemangiomatosis. <i>Chest</i> , 2014 , 145, 231-236	5.3	143
115	Abnormal anxiety- and depression-like behaviors in mice lacking both central serotonergic neurons and pancreatic islet cells. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 325	3.5	24
114	Accumulative Characteristics of Some Plant Species to Magnesium around a Magnesite Mine Area in Northeast China. <i>Soil and Sediment Contamination</i> , 2014 , 23, 497-503	3.2	2
113	Challenging identification of a novel PiISF and the rare PiMmaltonZ β -antitrypsin deficiency variants in two patients. <i>American Journal of Clinical Pathology</i> , 2014 , 141, 742-6	1.9	11
112	Litter mass loss and nutrient dynamics of four emergent macrophytes during aerial decomposition in freshwater marshes of the Sanjiang plain, Northeast China. <i>Plant and Soil</i> , 2014 , 385, 139-147	4.2	24
111	Neural tube defects and atypical deletion on 22q11.2. <i>American Journal of Medical Genetics, Part A</i> , 2014 , 164A, 2701-6	2.5	4
110	Effects of hydrology and competition on plant growth in a freshwater marsh of northeast China. <i>Journal of Freshwater Ecology</i> , 2014 , 29, 117-128	1.4	14
109	Neurofibromin deficiency-associated transcriptional dysregulation suggests a novel therapy for tibial pseudoarthrosis in NF1. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 2636-42	6.3	15
108	Effects of permafrost thaw on carbon emissions under aerobic and anaerobic environments in the Great Hinggan Mountains, China. <i>Science of the Total Environment</i> , 2014 , 487, 604-10	10.2	16
107	Litter decomposition of a pine plantation is affected by species evenness and soil nitrogen availability. <i>Plant and Soil</i> , 2013 , 373, 649-657	4.2	18
106	Dynamics of soil and root C stocks following afforestation of croplands with poplars in a semi-arid region in northeast China. <i>Plant and Soil</i> , 2013 , 368, 619-627	4.2	16
105	Effect of nitrogen addition on soil organic carbon in freshwater marsh of Northeast China. <i>Environmental Earth Sciences</i> , 2013 , 70, 1653-1659	2.9	7
104	Soil carbon and nitrogen across wetland types in discontinuous permafrost zone of the Xiao Xinggan Mountains, northeastern China. <i>Catena</i> , 2013 , 101, 31-37	5.8	17
103	The development of next-generation sequencing assays for the mitochondrial genome and 108 nuclear genes associated with mitochondrial disorders. <i>Journal of Molecular Diagnostics</i> , 2013 , 15, 526-34 ^{5.1}	5.1	44

102	Response of leaf, sheath and stem nutrient resorption to 7 years of N addition in freshwater wetland of Northeast China. <i>Plant and Soil</i> , 2013 , 364, 385-394	4.2	42
101	Carbon release from Sphagnum peat during thawing in a montane area in China. <i>Atmospheric Environment</i> , 2013 , 75, 77-82	5.3	18
100	Fischer-Tropsch Synthesis Conducted in Volcanic Reservoir Stone, An Important Factor Caused a Reversed Pattern of Carbon Isotopic for Natural Gases Developed in Deep Layers, Songliao Basin North East China. <i>Energy Exploration and Exploitation</i> , 2013 , 31, 1-15	2.1	2
99	The Biotinidase Gene Variants Registry: A Paradigm Public Database. <i>G3: Genes, Genomes, Genetics</i> , 2013 , 3, 727-731	3.2	18
98	A cost savings approach to SPRED1 mutational analysis in individuals at risk for neurofibromatosis type 1. <i>American Journal of Medical Genetics, Part A</i> , 2013 , 161A, 467-72	2.5	4
97	Novel molecular aberrations and pathologic findings in a tubulocystic variant of renal cell carcinoma. <i>Indian Journal of Pathology and Microbiology</i> , 2013 , 56, 428-33	0.6	7
96	Capillary electrophoresis for the detection of Fragile X expanded alleles. <i>Methods in Molecular Biology</i> , 2013 , 919, 275-85	1.4	1
95	Phosphorus availability as a primary constraint on methane emission from a freshwater wetland. <i>Atmospheric Environment</i> , 2012 , 59, 202-206	5.3	12
94	Preparation and properties of enhanced bulk nanoporous coppers. <i>Materials Letters</i> , 2012 , 73, 136-138	3.3	24
93	Changes in labile soil organic matter fractions following land use change from monocropping to poplar-based agroforestry systems in a semiarid region of Northeast China. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 6845-53	3.1	22
92	Acute low-dose melamine affects hippocampal synaptic plasticity and behavior in rats. <i>Toxicology Letters</i> , 2012 , 214, 63-8	4.4	26
91	Effect of plants on methane emissions from a temperate marsh in different seasons. <i>Atmospheric Environment</i> , 2012 , 60, 277-282	5.3	15
90	Effect of preparation conditions on morphology and thermal stability of nanoporous copper. <i>Corrosion Science</i> , 2012 , 60, 231-237	6.8	28
89	Non-additive effects vary with the number of component residues and their mixing proportions during residue mixture decomposition: A microcosm study. <i>Geoderma</i> , 2012 , 170, 112-117	6.7	40
88	Opportunities and challenges associated with clinical diagnostic genome sequencing: a report of the Association for Molecular Pathology. <i>Journal of Molecular Diagnostics</i> , 2012 , 14, 525-40	5.1	123
87	Correlation assessment among clinical phenotypes, expression analysis and molecular modeling of 14 novel variations in the human galactose-1-phosphate uridylyltransferase gene. <i>Human Mutation</i> , 2012 , 33, 1107-15	4.7	17
86	Multiple orbital neurofibromas, painful peripheral nerve tumors, distinctive face and marfanoid habitus: a new syndrome. <i>European Journal of Human Genetics</i> , 2012 , 20, 618-25	5.3	7
85	A patient with prolonged paralysis. <i>Clinical Chemistry</i> , 2012 , 58, 496-500	5.5	4

84	Influence of a subtype of inhibitory interneuron on stimulus-specific responses in visual cortex. <i>Cerebral Cortex</i> , 2012 , 22, 493-508	5.1	16
83	α-antitrypsin deficiency in fraternal twins born with familial spontaneous pneumothorax. <i>Chest</i> , 2012 , 141, 239-241	5.3	5
82	Interaction between behavioral despair and addictive behaviors in rats. <i>Physiology and Behavior</i> , 2011 , 102, 7-12	3.5	8
81	Implementation of a cost-effective unlabeled probe high-resolution melt assay for genotyping of Factor V Leiden. <i>Genetic Testing and Molecular Biomarkers</i> , 2011 , 15, 207-13	1.6	4
80	Misclassification of an apparent alpha 1-antitrypsin "Z" deficiency variant by melting analysis. <i>Clinica Chimica Acta</i> , 2011 , 412, 1454-6	6.2	8
79	Fresh root decomposition pattern of two contrasting tree species from temperate agroforestry systems: effects of root diameter and nitrogen enrichment of soil. <i>Plant and Soil</i> , 2011 , 347, 115-123	4.2	39
78	Effect of nitrogen addition on decomposition of <i>Calamagrostis angustifolia</i> litters from freshwater marshes of Northeast China. <i>Ecological Engineering</i> , 2011 , 37, 1578-1582	3.9	47
77	Effect of social cognitive theory-based HIV education prevention program among high school students in Nanjing, China. <i>Health Education Research</i> , 2011 , 26, 419-31	1.8	29
76	Concordance of butyrylcholinesterase phenotype with genotype: implications for biochemical reporting. <i>American Journal of Clinical Pathology</i> , 2011 , 135, 271-6	1.9	15
75	The SPRED1 Variants Repository for Legius Syndrome. <i>G3: Genes, Genomes, Genetics</i> , 2011 , 1, 451-6	3.2	10
74	SPRED 1 mutations in a neurofibromatosis clinic. <i>Journal of Child Neurology</i> , 2010 , 25, 1203-9	2.5	33
73	DNA sequence capture and enrichment by microarray followed by next-generation sequencing for targeted resequencing: neurofibromatosis type 1 gene as a model. <i>Clinical Chemistry</i> , 2010 , 56, 62-72	5.5	54
72	Methylation analysis by restriction endonuclease digestion and real-time PCR. <i>Clinical Chemistry</i> , 2010 , 56, 1050-2	5.5	3
71	Soil microbiological and chemical effects of a nitrogen-fixing shrub in poplar plantations in semi-arid region of Northeast China. <i>European Journal of Soil Biology</i> , 2010 , 46, 325-329	2.9	19
70	Stress within the postseizure time window inhibits seizure recurrence. <i>Epilepsy and Behavior</i> , 2010 , 18, 201-6	3.2	4
69	Carbon mineralization of tree leaf litter and crop residues from poplar-based agroforestry systems in Northeast China: A laboratory study. <i>Applied Soil Ecology</i> , 2010 , 44, 133-137	5	37
68	Detection of large rearrangements in the cystic fibrosis transmembrane conductance regulator gene by multiplex ligation-dependent probe amplification assay when sequencing fails to detect two disease-causing mutations. <i>Genetic Testing and Molecular Biomarkers</i> , 2010 , 14, 171-4	1.6	10
67	Changes in soil particulate organic matter, microbial biomass, and activity following afforestation of marginal agricultural lands in a semi-arid area of northeast China. <i>Environmental Management</i> , 2010 , 46, 110-6	3.1	42

66	Soil microbial properties under N and P additions in a semi-arid, sandy grassland. <i>Biology and Fertility of Soils</i> , 2010 , 46, 653-658	6.1	30
65	Parental, Behavioral, and Psychological Factors Associated with Cigarette Smoking among Secondary School Students in Nanjing, China. <i>Journal of Child and Family Studies</i> , 2010 , 19, 308-317	2.3	13
64	Soil organic carbon and nitrogen stocks in an age-sequence of poplar stands planted on marginal agricultural land in Northeast China. <i>Plant and Soil</i> , 2010 , 332, 277-287	4.2	94
63	Clinical analysis of PMS2: mutation detection and avoidance of pseudogenes. <i>Human Mutation</i> , 2010 , 31, 588-93	4.7	64
62	NF1 exon 22 analysis of individuals with the clinical diagnosis of neurofibromatosis type 1. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 1973-8	2.5	11
61	Multi-sample pooling and illumina genome analyzer sequencing methods to determine gene sequence variation for database development. <i>Journal of Biomolecular Techniques</i> , 2010 , 21, 126-40	1.1	8
60	RET mutation scanning update: exon 15. <i>Clinical Chemistry</i> , 2009 , 55, 2059-61	5.5	0
59	Multiple endocrine neoplasia type 2 RET protooncogene database: repository of MEN2-associated RET sequence variation and reference for genotype/phenotype correlations. <i>Human Mutation</i> , 2009 , 30, 548-56	4.7	123
58	Reduced conditioned fear response in mice that lack <i>Dlx1</i> and show subtype-specific loss of interneurons. <i>Journal of Neurodevelopmental Disorders</i> , 2009 , 1, 224-36	4.6	29
57	Development and characterization of reference materials for MTHFR, SERPINA1, RET, BRCA1, and BRCA2 genetic testing. <i>Journal of Molecular Diagnostics</i> , 2009 , 11, 553-61	5.1	7
56	Effects of pentylenetetrazol-induced brief convulsive seizures on spatial memory and fear memory. <i>Epilepsy and Behavior</i> , 2009 , 15, 441-4	3.2	21
55	Psychosocial correlates of cigarette smoking among college students in China. <i>Health Education Research</i> , 2009 , 24, 105-18	1.8	28
54	Likelihood ratios to assess genetic evidence for clinical significance of uncertain variants: hereditary hemorrhagic telangiectasia as a model. <i>Experimental and Molecular Pathology</i> , 2008 , 85, 45-9	4.4	23
53	Morphine withdrawal affects both delayed-escape behaviour in Morris water maze and hippocampal NR2A/2B expression ratio. <i>Brain Research</i> , 2008 , 1207, 164-73	3.7	7
52	Antistress effect of TRPV1 channel on synaptic plasticity and spatial memory. <i>Biological Psychiatry</i> , 2008 , 64, 286-92	7.9	124
51	Rapid diagnosis of MEN2B using unlabeled probe melting analysis and the LightCycler 480 instrument. <i>Journal of Molecular Diagnostics</i> , 2008 , 10, 123-8	5.1	18
50	Expressions of HIV-related stigma among rural-to-urban migrants in China. <i>AIDS Patient Care and STDs</i> , 2008 , 22, 823-31	5.8	36
49	Cultural adaptation of the Focus on Kids program for college students in China. <i>AIDS Education and Prevention</i> , 2008 , 20, 1-14	2	25

48	Molecular diagnosis utility of multiplex ligation-dependent probe amplification. <i>Expert Opinion on Medical Diagnostics</i> , 2008 , 2, 373-85		5
47	Stigmatizing attitudes towards people living with HIV/AIDS among college students in China. <i>Health Education</i> , 2008 , 108, 130-144	1	7
46	Homozygous deletions of a copy number change detected by array CGH: a new cause for mental retardation?. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 1903-10	2.5	11
45	Clinical and analytical sensitivities in hereditary hemorrhagic telangiectasia testing and a report of de novo mutations. <i>Journal of Molecular Diagnostics</i> , 2007 , 9, 258-65	5.1	32
44	Simultaneous amplification, detection, and analysis of common mutations in the galactose-1-phosphate uridyl transferase gene. <i>Journal of Molecular Diagnostics</i> , 2007 , 9, 618-23	5.1	12
43	RET proto-oncogene genotyping using unlabeled probes, the masking technique, and amplicon high-resolution melting analysis. <i>Journal of Molecular Diagnostics</i> , 2007 , 9, 184-96	5.1	21
42	Mutation database for the galactose-1-phosphate uridyltransferase (GALT) gene. <i>Human Mutation</i> , 2007 , 28, 939-43	4.7	102
41	Evaluation of an integrative diagnostic algorithm for the identification of people at risk for alpha1-antitrypsin deficiency. <i>American Journal of Clinical Pathology</i> , 2007 , 128, 482-90	1.9	30
40	Genotypes and serum concentrations of human alpha-1-antitrypsin "P" protein variants in a clinical population. <i>Journal of Clinical Pathology</i> , 2007 , 60, 1124-8	3.9	18
39	HIV-related risk behaviors and history of sexually transmitted diseases among male migrants who patronize commercial sex in China. <i>Sexually Transmitted Diseases</i> , 2007 , 34, 1-8	2.4	60
38	Internet use among Chinese college students: implications for sex education and HIV prevention. <i>Cyberpsychology, Behavior and Social Networking</i> , 2007 , 10, 161-9		32
37	Short-term effects of intravitreal bevacizumab for subfoveal choroidal neovascularization in pathologic myopia. <i>Genetics in Medicine</i> , 2007 , 27, 707-12	8.1	108
36	Masking selected sequence variation by incorporating mismatches into melting analysis probes. <i>Human Mutation</i> , 2006 , 27, 269-78	4.7	29
35	Genotype-phenotype correlation in hereditary hemorrhagic telangiectasia: mutations and manifestations. <i>American Journal of Medical Genetics, Part A</i> , 2006 , 140, 463-70	2.5	163
34	A fourth locus for hereditary hemorrhagic telangiectasia maps to chromosome 7. <i>American Journal of Medical Genetics, Part A</i> , 2006 , 140, 2155-62	2.5	174
33	Mutation scanning of the RET protooncogene using high-resolution melting analysis. <i>Clinical Chemistry</i> , 2006 , 52, 138-41	5.5	44
32	Molecular diagnosis of Prader-Willi and Angelman syndromes by methylation-specific melting analysis and methylation-specific multiplex ligation-dependent probe amplification. <i>Clinical Chemistry</i> , 2006 , 52, 1276-83	5.5	80
31	Genotyping of human platelet antigens 1 to 6 and 15 by high-resolution amplicon melting and conventional hybridization probes. <i>Journal of Molecular Diagnostics</i> , 2006 , 8, 97-104	5.1	47

30	Morphine withdrawal modifies antinociceptive effects of acute morphine in rats. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 578-82	3.4	11
29	Enriched environment experience overcomes the memory deficits and depressive-like behavior induced by early life stress. <i>Neuroscience Letters</i> , 2006 , 404, 208-12	3.3	111
28	Health Indicators and Geographic Mobility among Young Rural-to-Urban Migrants in China. <i>World Health & Population</i> , 2006 , 8, 5-21	0.4	43
27	Rural-to-urban migrants and the HIV epidemic in China. <i>AIDS and Behavior</i> , 2006 , 10, 421-30	4.3	66
26	The implication of de novo 21-hydroxylase mutation in clinical and prenatal molecular diagnoses. <i>Genetic Testing and Molecular Biomarkers</i> , 2005 , 9, 121-5		7
25	Perceptions regarding preventive sexual practices and communication with sexual partners among Chinese college students. <i>Preventive Medicine</i> , 2005 , 40, 189-96	4.3	18
24	Nine novel germline gene variants in the RET proto-oncogene identified in twelve unrelated cases. <i>Journal of Molecular Diagnostics</i> , 2005 , 7, 283-8	5.1	25
23	Primary and secondary transcriptional effects in the developing human Down syndrome brain and heart. <i>Genome Biology</i> , 2005 , 6, R107	18.3	118
22	Effects of unconditioned and conditioned aversive stimuli in an intense fear conditioning paradigm on synaptic plasticity in the hippocampal CA1 area in vivo. <i>Hippocampus</i> , 2005 , 15, 815-24	3.5	45
21	The use of genomic microarrays to study chromosomal abnormalities in mental retardation. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2005 , 11, 279-85		7
20	HIV-related risk factors associated with commercial sex among female migrants in China. <i>Health Care for Women International</i> , 2005 , 26, 134-48	1.5	58
19	Hereditary hemorrhagic telangiectasia: an overview of diagnosis and management in the molecular era for clinicians. <i>Genetics in Medicine</i> , 2004 , 6, 175-91	8.1	98
18	HIV/STD risk behaviors and perceptions among rural-to-urban migrants in China. <i>AIDS Education and Prevention</i> , 2004 , 16, 538-56	2	158
17	Gene expression alterations over large chromosomal regions in cancers include multiple genes unrelated to malignant progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8715-20	11.5	46
16	Perceptions and attitudes regarding sex and condom use among Chinese college students: a qualitative study. <i>AIDS and Behavior</i> , 2004 , 8, 105-17	4.3	39
15	Methodology of a multistate study of congenital hearing loss: preliminary data from Utah newborn screening. <i>American Journal of Medical Genetics Part A</i> , 2004 , 125C, 28-34		22
14	Patterns of cigarette smoking among students from 19 colleges and universities in Jiangsu Province, China: a latent class analysis. <i>Drug and Alcohol Dependence</i> , 2004 , 76, 153-63	4.9	30
13	4p terminal deletion and 11p subtelomeric duplication detected by genomic microarray in a patient with Wolf-Hirschhorn syndrome and an atypical phenotype. <i>Journal of Pediatrics</i> , 2004 , 145, 840-2	3.6	10

12	Global up-regulation of chromosome 21 gene expression in the developing Down syndrome brain. <i>Genomics</i> , 2003 , 81, 457-67	4.3	164
11	Childhood-onset ataxia: testing for large CAG-repeats in SCA2 and SCA7. <i>American Journal of Medical Genetics Part A</i> , 2002 , 110, 338-45		60
10	Prenatal diagnosis of 21-hydroxylase deficiency caused by gene conversion and rearrangements: pitfalls and molecular diagnostic solutions. <i>Prenatal Diagnosis</i> , 2002 , 22, 1171-6	3.2	20
9	Intracranial hemorrhage in infants and children with hereditary hemorrhagic telangiectasia (Osler-Weber-Rendu syndrome). <i>Pediatrics</i> , 2002 , 109, E12	7.4	86
8	Identification of a 55-bp deletion in the glucocerebrosidase gene in Gaucher disease: phenotypic presentation and implications for mutation detection assays. <i>Molecular Genetics and Metabolism</i> , 2001 , 72, 248-53	3.7	7
7	A comparative study of stress among university faculty in China and Japan. <i>Higher Education</i> , 2000 , 39, 253-277	3	5
6	Characteristics of two cases with dup(15)(q11.2-q12): one of maternal and one of paternal origin. <i>Genetics in Medicine</i> , 2000 , 2, 131-5	8.1	87
5	Centromeric dna break in a 10;16 reciprocal translocation associated with trisomy 16 confined placental mosaicism and maternal uniparental disomy for chromosome 16. <i>American Journal of Medical Genetics Part A</i> , 1998 , 80, 418-422		22
4	Mosaic trisomy 16 ascertained through amniocentesis: evaluation of 11 new cases. <i>American Journal of Medical Genetics Part A</i> , 1998 , 80, 473-80		34
3	Centromeric dna break in a 10;16 reciprocal translocation associated with trisomy 16 confined placental mosaicism and maternal uniparental disomy for chromosome 16 1998 , 80, 418		1
2	New Pvu II mitochondrial polymorphism in a mother and son of Indian ancestry. <i>American Journal of Medical Genetics Part A</i> , 1994 , 53, 94-6		
1	Dominant species and evenness level co-regulate litter mixture decomposition in a boreal peatland. <i>Plant and Soil</i> , 1	4.2	0