Kabwe Nkongolo

List of Publications by Year
in descending order

57	1,152	331670	434195
papers	citations	21 h-index	31 g-index

57	57	57	869
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA methylation and histone modifications induced by abiotic stressors in plants. Genes and Genomics, 2022, 44, 279-297.	1.4	10
2	Molecular characterization of soybean (glycine max) accessions from the international collection of the plant gene resources of Canada: germplasm identification. Journal of Crop Improvement, 2021, 35, 722-744.	1.7	0
3	Microbial biomass and activity dynamics in restored lands in a metal contaminated region. Ecotoxicology, 2021, 30, 1957-1968.	2.4	3
4	Effects of Rhizobioaugmentation with N-Fixing Actinobacteria Frankia on Metal Mobility in Casuarina glauca-Soil System Irrigated with Industrial Wastewater: High Level of Metal Exclusion of C. glauca. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	6
5	Rhizobioaugmentation of Casuarina glauca with N-fixing actinobacteria Frankia decreases enzymatic activities in wastewater irrigated soil: effects of Frankia on C. glauca growth. Ecotoxicology, 2020, 29, 417-428.	2.4	5
6	Advances in monitoring soil microbial community dynamic and function. Journal of Applied Genetics, 2020, 61, 249-263.	1.9	67
7	Metal Toxicity and Resistance in Plants and Microorganisms in Terrestrial Ecosystems. Reviews of Environmental Contamination and Toxicology, 2019, 249, 1-27.	1.3	13
8	Differential effects of nickel dosages on in vitro and in vivo seed germination and expression of a high affinity nickel-transport family protein (AT2G16800) in trembling aspen (Populus tremuloides). Ecotoxicology, 2019, 28, 92-102.	2.4	11
9	Characterization of chloroplast genomes of Alnus rubra and Betula cordifolia, and their use in phylogenetic analyses in Betulaceae. Genes and Genomics, 2019, 41, 305-316.	1.4	4
10	Expression of Genes Associated with Nickel Resistance in Red Oak (Quercus rubra) Populations from a Metal Contaminated Region. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 792-797.	2.7	6
11	Retrotransposons in Betula nana, and interspecific relationships in the Betuloideae, based on inter-retrotransposon amplified polymorphism (IRAP) markers. Genes and Genomics, 2018, 40, 511-519.	1.4	3
12	Nickel-induced global gene expressions in red maple (Acer rubrum): Effect of nickel concentrations. Plant Gene, 2018, 14, 29-36.	2.3	8
13	Identification of Molecular Markers Differentiating Betula papyrifera and B. pumila Populations from Northern Ontario (Canada). American Journal of Environmental Sciences, 2018, 14, 246-256.	0.5	3
14	High Level of Nicotianamine Synthase (NAS3) and Natural Resistance Associated Macrophage Protein (NRAMP4) Gene Transcription Induced by Potassium Nitrate in Trembling Aspen (Populus tremuloides). American Journal of Biochemistry and Biotechnology, 2018, 14, 183-190.	0.4	3
15	Differential levels of gene expression and molecular mechanisms between red maple (Acer) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Ecology and Evolution, 2018, 8, 4876-4890.	1.9	8
16	Evidence of prokaryote like protein associated with nickel resistance in higher plants: horizontal transfer of TonB-dependent receptor/protein in Betula genus or de novo mechanisms?. Heredity, 2017, 118, 358-365.	2.6	7
17	High level of nickel tolerance and metal exclusion identified in silver maple (Acer) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	1.6	11
18	Reassessment of Molecular Variation in Isolated Populations of Deschampsia cespitosa from Metal Contaminated Regions in Northern Ontario (Canada) after 17 Years of Potential Genetic Recombination. American Journal of Environmental Sciences, 2017, 13, 289-296.	0.5	0

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19	Differential Gene Transcription in Red Oak (Quercus rubra) Genotypes Resistant to Copper Toxicity. American Journal of Biochemistry and Biotechnology, 2017, 13, 215-225.	0.4	4
20	Contrasting Effects of Metal Contaminations and Soil Liming on Cations Exchange Capacity and Global DNA Methylation in <i>Betula papyrifera</i> Populations from a Mining Region. American Journal of Environmental Sciences, 2016, 12, 55-62.	0.5	5
21	High genetic variation among closely related red oak (Quercus rubra) populations in an ecosystem under metal stress: analysis of gene regulation. Genes and Genomics, 2016, 38, 967-976.	1.4	14
22	Determination of <scp>DNA</scp> methylation associated with Acer rubrum (red maple) adaptation to metals: analysis of global <scp>DNA</scp> modifications and methylationâ€sensitive amplified polymorphism. Ecology and Evolution, 2016, 6, 5749-5760.	1.9	11
23	Nickel and Copper Toxicity and Plant Response Mechanisms in White Birch (Betula papyrifera). Bulletin of Environmental Contamination and Toxicology, 2016, 97, 171-176.	2.7	28
24	Decrypting the regulation and mechanism of nickel resistance in white birch (Betula papyrifera) using cross-species metal-resistance genes. Genes and Genomics, 2016, 38, 341-350.	1.4	13
25	Assessing Biological Impacts of Land Reclamation in a Mining Region in Canada: Effects of Dolomitic Lime Applications on Forest Ecosystems and Microbial Phospholipid Fatty Acid Signatures. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	17
26	Comprehensive Transcriptome Analysis of Response to Nickel Stress in White Birch (Betula papyrifera). PLoS ONE, 2016, 11, e0153762.	2.5	28
27	Long-Term Effects of Liming on Soil Chemistry in Stable and Eroded Upland Areas in a Mining Region. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	59
28	Total and bioavailable metals in two contrasting mining regions (Sudbury in Canada and Lubumbashi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 111-127.	1.6	24
29	Molecular and ecological characterisation of plant populations from limed and metal-contaminated sites in Northern Ontario (Canada): ISSR analysis of white birch (Betula papyrifera) populations. Chemistry and Ecology, 2013, 29, 573-585.	1.6	29
30	Effects of organic and inorganic fertilisation on soil nutrient dynamics in a Savannah region (DR) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.6	4
31	Karyotype evolution in the Pinaceae: implication with molecular phylogeny. Genome, 2012, 55, 735-753.	2.0	19
32	Comparative Soil Metal Analyses in Sudbury (Ontario, Canada) and Lubumbashi (Katanga, DR-Congo). Bulletin of Environmental Contamination and Toxicology, 2012, 88, 187-192.	2.7	50
33	A comparative cytogenetic analysis of five pine species from North America, Pinus banksiana, P. contorta, P. monticola, P. resinosa, and P. strobus. Plant Systematics and Evolution, 2011, 292, 153-164.	0.9	11
34	Genetic analysis of Pinus banksiana and Pinus resinosa populations from stressed sites contaminated with metals in Northern Ontario (Canada). Chemistry and Ecology, 2011, 27, 369-380.	1.6	23
35	Species-diagnostic and species-specific DNA sequences evenly distributed throughout pine and spruce chromosomes. Genome, 2010, 53, 769-777.	2.0	3
36	Assessing genetic diversity and structure of fragmented populations of eastern white pine (Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Ecology, 2009, 2, 143-151.	2.3	31

#	Article	IF	Citations
37	Molecular cytogenetic and agronomic characterization of advanced generations of wheatÂÃ— triticale hybrids resistant to Diuraphis noxia (Mordvilko): application of GISH and microsatellite markers. Genome, 2009, 52, 353-360.	2.0	13
38	Identification and Characterization of Microsatellite Markers Useful for Genetic Analysis of Black		

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55	Identification of Rye Chromosomes Involved in Tolerance to Barley Yellow Dwarf Virus Disease in Wheat x Triticale Hybrids. Plant Breeding, 1992, 109, 123-129.	1.9	8
56	Russian Wheat Aphid Reaction and Agronomic and Quality Traits of a Resistant Wheat. Crop Science, 1991, 31, 50-53.	1.8	53
57	Coping Mechanisms of Plants to Metal Contaminated Soil. , 0, , .		36