

Beryllium in the environment: Whether fatal for plant g

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#	ARTICLE	IF	CITATIONS
1	Tailoring the gas separation efficiency of metal organic framework ZIF-8 through metal substitution: a computational study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4879-4892.	1.3	47
2	Role of 24-epibrassinolide (EBL) in mediating heavy metal and pesticide induced oxidative stress in plants: A review. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 935-944.	2.9	235
3	Beryllium in riverine/estuarine sediments from a typical aquaculture wetland, China: Bioavailability and probabilistic ecological risk. <i>Marine Pollution Bulletin</i> , 2018, 137, 549-554.	2.3	19
4	Sources, transport and sinks of beryllium in a coastal landscape affected by acidic soils. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 232, 288-302.	1.6	26
5	Beryllium Stress-Induced Modifications in Antioxidant Machinery and Plant Ultrastructure in the Seedlings of Black and Yellow Seeded Oilseed Rape. <i>BioMed Research International</i> , 2018, 2018, 1-14.	0.9	16
6	Potential targets to reduce beryllium toxicity in plants: A review. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 691-696.	2.8	31
7	Lithium in Environment and Potential Targets to Reduce Lithium Toxicity in Plants. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1574-1586.	2.8	28
8	Aluminum-induced toxicity in <i>Urochloa brizantha</i> genotypes: A first glance into root Al-apoplastic and -symplastic compartmentation, Al-translocation and antioxidant performance. <i>Chemosphere</i> , 2020, 243, 125362.	4.2	17
9	Electronic structure and nature of the metal-ligand chemical bond of Be, Mg, and Zn $\beta$ -diketonates by quantum chemistry methods. <i>Journal of Molecular Structure</i> , 2020, 1204, 127540.	1.8	1
10	Biochemical hazards associated with unsafe disposal of electrical and electronic items. , 2020, , 55-80.		0
11	Quantifying beryllium concentrations in plant shoots from forest ecosystems using cationâ€exchange chromatography and quadrupole ICPâ€MS. <i>Analytical Science Advances</i> , 2020, 1, 8.	1.2	4
12	An emerging contaminant in sediments of the largest wetland ecosystem in northern China: Bioaccessibility and probabilistic adverse effects on aquatic biota. <i>Journal of Geochemical Exploration</i> , 2020, 219, 106652.	1.5	4
13	The Plant Family Brassicaceae. , 2020, , .		12
14	Optimizing of micro-hardness of nanostructured Cuâ€Cr solid solution produced by mechanical alloying using ANN and genetic algorithm. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	12
15	Nanoparticle application and abiotic-stress tolerance in plants. , 2020, , 627-641.		5
16	Defining New Limits in Gas Separations Using Modified ZIF Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 20536-20547.	4.0	22
17	The influence of soil properties on sorption-desorption of beryllium at a low level radioactive legacy waste site. <i>Chemosphere</i> , 2021, 268, 129338.	4.2	11
18	Formation of the structure and properties of composite materials based on copper powder during its reactionary mechanical alloying with titanium, carbon and oxygen. <i>MATEC Web of Conferences</i> , 2021, 344, 01017.	0.1	0

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19	Dissolved and Particulate Beryllium Isotopes in the Pearl River Estuary: Their Geochemical Behavior in Estuarine Water and Potential Contributions From Anthropogenic Sources. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
20	From mine to mind and mobiles “ Lithium contamination and its risk management. <i>Environmental Pollution</i> , 2021, 290, 118067.	3.7	58
21	Toxic Metals/Metalloids Accumulation, Tolerance, and Homeostasis in Brassica Oilseed Species. , 2020, , 379-408.		5
22	Influence of Iron-Enriched Biochar on Cd Sorption, Its Ionic Concentration and Redox Regulation of Radish under Cadmium Toxicity. <i>Agriculture (Switzerland)</i> , 2021, 11, 1.	1.4	49
23	Evaluation of Antioxidant Properties, Trace Element and Mineral Composition of <i>Dactylorhiza umbrosa</i> (Kar. & Kir.) Nevski (Orchidaceae). <i>Journal of the Institute of Science and Technology</i> , 2019, 9, 2148-2156.	0.3	3
24	Magnetically Modified Biosorbent for Rapid Beryllium Elimination from the Aqueous Environment. <i>Materials</i> , 2021, 14, 6610.	1.3	5
25	Desorption and Migration Behavior of Beryllium from Contaminated Soils: Insights for Risk-Based Management. <i>ACS Omega</i> , 2021, 6, 30686-30697.	1.6	6
26	Two-pot Oxidative Preparation of Dicarboxylic Acid Containing Cellulose for the Removal of Beryllium (Be <sup>2+</sup> ) from Aqueous Solution. <i>Current Analytical Chemistry</i> , 2021, 18, 360-369.	0.6	2
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31	Honeybees as Bioindicators of Heavy Metal Pollution in Urban and Rural Areas in the South of Italy. <i>Atmosphere</i> , 2022, 13, 624.	1.0	11
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34	Uptake and translocation mechanisms of metals/metalloids in plants through soil and water. , 2022, , 1-28.		1
35	Microbial-assisted soil chromium immobilization through zinc and iron-enriched rice husk biochar. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
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37	Co-occurrence of antibiotic and metal resistance in long-term sewage sludge-amended soils: influence of application rates and pedo-climatic conditions. <i>Environmental Science and Pollution Research</i> , 2023, 30, 26596-26612.	2.7	2
38	Beryllium contamination and its risk management in terrestrial and aquatic environmental settings. <i>Environmental Pollution</i> , 2023, 320, 121077.	3.7	7
39	The elements of life: A biocentric tour of the periodic table. <i>Advances in Microbial Physiology</i> , 2023, , 1-127.	1.0	9