# Maria Maleva, Maria G Maleva

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 500 citations | 687363 13 h-index | 677142 22 g-index |
| 26 all docs | 26 docs citations | 26 times ranked | 531 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of heavy metals on photosynthetic apparatus and antioxidant status of elodea. Russian Journal of Plant Physiology, 2012, 59, 190-197. | 1.1 | 47 |
| 2 | Synergistic effect of ACC deaminase producing Pseudomonas sp. TR15a and siderophore producing Bacillus aerophilus TR15c for enhanced growth and copper accumulation in Helianthus annuus L. Chemosphere, 2021, 276, 130038. | 8.2 | 47 |
| 3 | Ecophysiological tolerance of Elodea canadensis to nickel exposure. Chemosphere, 2009, 77, 392-398. | 8.2 | 44 |
| 4 | Bioaugmentation with copper tolerant endophyte Pseudomonas lurida strain EOO26 for improved plant growth and copper phytoremediation by Helianthus annuus. Chemosphere, 2021, 266, 128983. | 8.2 | 42 |
| 5 | Identification and characterization of Cd-induced peptides in Egeria densa (water weed): Putative role in Cd detoxification. Aquatic Toxicology, 2009, 95, 213-221. | 4.0 | 33 |
| 6 | Responses of Lemna trisulca L. (Duckweed) exposed to low doses of cadmium: thiols, metal binding complexes, and photosynthetic pigments as sensitive biomarkers of ecotoxicity. Protoplasma, 2010, 240, 69-74. | 2.1 | 33 |
| 7 | Thiols as biomarkers of heavy metal tolerance in the aquatic macrophytes of Middle Urals, Russia. International Journal of Phytoremediation, 2016, 18, 1037-1045. | 3.1 | 30 |
| 8 | Effect of the exogenous anthocyanin extract on key metabolic pathways and antioxidant status of Brazilian elodea (Egeria densa (Planch.) Casp.) exposed to cadmium and manganese. Ecotoxicology and Environmental Safety, 2018, 160, 197-206. | 6.0 | 27 |
| 9 | CeratophyllumdemersumL. andPotamogeton alpinusBalb. from Isetâ€™ River, Ural Region, Russia Differ in Adaptive Strategies to Heavy Metals Exposure â€“ A Comparative Study. International Journal of Phytoremediation, 2014, 16, 621-633. | 3.1 | 23 |
| 10 | Toxic metal(loid)s contamination and potential human health risk assessment in the vicinity of century-old copper smelter, Karabash, Russia. Environmental Geochemistry and Health, 2020, 42, 4113-4124. | 3.4 | 23 |
| 11 | The Response of Hydrophytes to Environmental Pollution with Heavy Metals. Russian Journal of Ecology, 2004, 35, 230-235. | 0.9 | 22 |
| 12 | Urea increased nickel and copper accumulation in the leaves of Egeria densa (Planch.) Casp. and Ceratophyllum demersum L. during short-term exposure. Ecotoxicology and Environmental Safety, 2018, 148, 152-159. | 6.0 | 18 |
| 13 | Copper Toxicity in Leaves of Elodea canadensis Michx.. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 627-632. | 2.7 | 15 |
| 14 | High dose of urea enhances the nickel and copper toxicity in Brazilian elodea (Egeria densa Planch.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.3 | 13 |
| 15 | Influence of exogenous urea on photosynthetic pigments, 14CO2 uptake, and urease activity in Elodea densaâ€”environmental implications. Environmental Science and Pollution Research, 2013, 20, 6172-6177. | 5.3 | 12 |
| 16 | Title is missing!. Russian Journal of Plant Physiology, 2003, 50, 57-67. | 1.1 | 11 |
| 17 | Urea-induced oxidative damage in Elodea densa leaves. Environmental Science and Pollution Research, 2015, 22, 13556-13563. | 5.3 | 11 |
| 18 | A comparative study of Epipactis atrorubens in two different forest communities of the Middle Urals, Russia. Journal of Forestry Research, 2020, 31, 2111-2120. | 3.6 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Nickel and copper accumulation strategies in Odontarrhena obovata growing on copper smelter-influenced and non-influenced serpentine soils: a comparative field study. Environmental Geochemistry and Health, 2021, 43, 1401-1413. | 3.4 | 10 |
| 20 | Adaptive Morphophysiological Features of Neottia ovata (Orchidaceae) Contributing to Its Natural Colonization on Fly Ash Deposits. Horticulturae, 2021, 7, 109. | 2.8 | 8 |
| 21 | Kinetics of nickel bioaccumulation and its relevance to selected cellular processes in leaves of Elodea canadensis during short-term exposure. Protoplasma, 2016, 253, 543-551. | 2.1 | 6 |
| 22 | Copper Stress Enhances the Lignification of Axial Organs in Zinnia elegans. Horticulturae, 2022, 8, 558. | 2.8 | 6 |
| 23 | Adaptive Redox Reactions Promote Naturalization of Rare Orchid Epipactis atrorubens on Serpentine Dumps Post Asbestos Mining. Horticulturae, 2022, 8, 603. | 2.8 | 5 |
| 24 | Accumulation of heavy metals in leaves of submerged hydrophytes (Elodea canadensis Michx. and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 plant. Inland Water Biology, 2017, 10, 176-181. | 0.8 | 3 |
| 25 | Antioxidant status of hydrophytes with different accumulative ability illustrated by Potamogeton alpinus Balb and Batrachium trichophyllum (Chaix) Bosch.. Inland Water Biology, 2014, 7, 401-405. | 0.8 | 1 |