

Agnieszka Baran

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,082
citations

471509

17
h-index

454955

30
g-index

51
all docs

51
docs citations

51
times ranked

1223
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The influence of the physicochemical properties of sediment on the content and ecotoxicity of trace elements in bottom sediments. <i>Chemosphere</i> , 2022, 287, 132366. | 8.2 | 14 |
| 2 | Pollution indices and biotests as useful tools for the evaluation of the degree of soil contamination by trace elements. <i>Journal of Soils and Sediments</i> , 2022, 22, 559-576. | 3.0 | 16 |
| 3 | Agronomic and environmental quality assessment of growing media based on bottom sediment. <i>Journal of Soils and Sediments</i> , 2022, 22, 1355-1367. | 3.0 | 5 |
| 4 | The evaluation of Hudson River sediment as a growth substrate – Microbial activity, PCB-degradation potential and risk assessment. <i>Science of the Total Environment</i> , 2022, 836, 155561. | 8.0 | 2 |
| 5 | Concentration of dioxin and screening level ecotoxicity of pore water from bottom sediments in relation to organic carbon contents. <i>Ecotoxicology</i> , 2021, 30, 57-66. | 2.4 | 2 |
| 6 | Mobility, ecotoxicity, bioaccumulation and sources of trace elements in the bottom sediments of the RoÅ¼nÅ³w reservoir. <i>Environmental Geochemistry and Health</i> , 2021, 43, 4701-4718. | 3.4 | 12 |
| 7 | Distribution of polycyclic aromatic hydrocarbons (PAHs) in the bottom sediments of a dam reservoir, their interaction with organic matter and risk to benthic fauna. <i>Journal of Soils and Sediments</i> , 2021, 21, 2418-2431. | 3.0 | 14 |
| 8 | Assessment of the health risk associated with exposure to heavy metals present in particulate matter deposition in the MaÅ³opolska Province. <i>Geology Geophysics and Environment</i> , 2021, 47, 95-107. | 0.3 | 6 |
| 9 | The contents of the potentially harmful elements in the arable soils of southern Poland, with the assessment of ecological and health risks: a case study. <i>Environmental Geochemistry and Health</i> , 2020, 42, 419-442. | 3.4 | 25 |
| 10 | Effects of soil amendment with PCB-contaminated sediment on the growth of two cucurbit species. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8872-8884. | 5.3 | 16 |
| 11 | Evaluation of ecotoxicological and chemical properties of soil amended with Hudson River (New) Tj ETQq1 1 0.784314 rgBT /Overlock 11 | 3.3 | 11 |
| 12 | Biodegradation Potential and Ecotoxicity Assessment in Soil Extracts Amended with Phenoxy Acid Herbicide (2,4-D) and a Structurally-Similar Plant Secondary Metabolite (Ferulic Acid). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 200-205. | 2.7 | 4 |
| 13 | An assessment of the concentrations of PCDDs/Fs in contaminated bottom sediments and their sources and ecological risk. <i>Journal of Soils and Sediments</i> , 2020, 20, 2588-2597. | 3.0 | 16 |
| 14 | Ecotoxicological characteristics and ecological risk assessment of trace elements in the bottom sediments of the RoÅ¼nÅ³w reservoir (Poland). <i>Ecotoxicology</i> , 2020, 29, 45-57. | 2.4 | 16 |
| 15 | Enrichment of Different Plant Seeds with Zinc and Assessment of Health Risk of Zn-Fortified Sprouts Consumption. <i>Agronomy</i> , 2020, 10, 937. | 3.0 | 9 |
| 16 | Ecotoxicological and chemical properties of the roÅ¼nÅ³w reservoir bottom sediment amended with various waste materials. <i>Journal of Environmental Management</i> , 2020, 273, 111176. | 7.8 | 16 |
| 17 | Effects of amendments of PCB-containing Hudson River sediment on soil quality and biochemical and growth response of cucumber (<i>Cucumis sativus</i> L. cv "Wisconsin SMR 58"™). <i>International Journal of Phytoremediation</i> , 2020, 22, 1224-1232. | 3.1 | 8 |
| 18 | Utilization of PCB-contaminated Hudson River sediment by thermal processing and phytoremediation. <i>Science of the Total Environment</i> , 2020, 738, 139841. | 8.0 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The use of <i>Callitriche cophocarpa</i> Sendtn. for the reclamation of Cr-contaminated freshwater habitat: benefits and limitations. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25510-25522. | 5.3 | 14 |
| 20 | Content of nutrients, trace elements, and ecotoxicity of sediment cores from RoÅ¼nÃ³w reservoir (Southern Poland). <i>Environmental Geochemistry and Health</i> , 2019, 41, 2929-2948. | 3.4 | 22 |
| 21 | Removal and Ecotoxicity of 2,4-D and MCPA in Microbial Cultures Enriched with Structurally-Similar Plant Secondary Metabolites. <i>Water (Switzerland)</i> , 2019, 11, 1451. | 2.7 | 10 |
| 22 | The influence of the quantity and quality of sediment organic matter on the potential mobility and toxicity of trace elements in bottom sediment. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2893-2910. | 3.4 | 69 |
| 23 | Geochemical Fractions of the Agricultural Soils of Southern Poland and the Assessment of the Potentially Harmful Element Mobility. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 674. | 2.0 | 7 |
| 24 | A mixture of cellulose production waste with municipal sewage as new material for an ecological management of wastes. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 607-614. | 6.0 | 35 |
| 25 | AN ASSESSMENT OF BOTTOM SEDIMENT AS A SOURCE OF PLANT NUTRIENTS AND AN AGENT FOR IMPROVING SOIL PROPERTIES. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 1647-1656. | 0.6 | 20 |
| 26 | Use of Chemical Indicators and Bioassays in Bottom Sediment Ecological Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 395-407. | 4.1 | 29 |
| 27 | Assessment of the pollution and ecological risk of lead and cadmium in soils. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2325-2342. | 3.4 | 71 |
| 28 | Content and health risk assessment of selected elements in commercially available fish and fish products. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 1623-1641. | 3.4 | 6 |
| 29 | Content and health risk assessment of selected elements in the Yerba mate (<i>Ilex paraguariensis</i>), <i>Tj ETQq1 1,0,784314 rgBT /O</i> | 3.4 | 8 |
| 30 | Effect of the Addition of Biochar and Coffee Grounds on the Biological Properties and Ecotoxicity of Composts. <i>Waste and Biomass Valorization</i> , 2018, 9, 1389-1398. | 3.4 | 25 |
| 31 | Potential ecological risk assessment and predicting zinc accumulation in soils. <i>Environmental Geochemistry and Health</i> , 2018, 40, 435-450. | 3.4 | 62 |
| 32 | Sewage sludge biochars managementâ€™Ecotoxicity, mobility of heavy metals, and soil microbial biomass. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1197-1207. | 4.3 | 53 |
| 33 | The content and composition of organic matter in bottom sediments of the Rybnik reservoir â€™ preliminary studies. <i>Geology Geophysics & Environment</i> , 2018, 44, 309. | 1.0 | 1 |
| 34 | Concentration and health risk assessment of nitrates in vegetables from conventional and organic farming. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 727-740. | 3.4 | 16 |
| 35 | Concentration, sources and risk assessment of PAHs in bottom sediments. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23180-23195. | 5.3 | 34 |
| 36 | Effect of wheat and <i>Miscanthus</i> straw biochars on soil enzymatic activity, ecotoxicity, and plant yield. <i>International Agrophysics</i> , 2017, 31, 367-375. | 1.7 | 27 |

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|----|--|-----|-----------|
| 37 | Impact of thermal treatment of mixtures of sewage sludge and plant material on selected chemical properties and <i>Vibrio fischeri</i> response. <i>Ecological Chemistry and Engineering S</i> , 2017, 24, 443-455. | 1.5 | 0 |
| 38 | Phytotoxicity and extractability of heavy metals from industrial wastes. <i>Environmental Protection Engineering</i> , 2017, 43, . | 0.1 | 13 |
| 39 | The application of the germination index in the assessment of the phytotoxicity of bottom sediments from the Rybnik Reservoir. <i>Geology Geophysics & Environment</i> , 2017, 43, 327. | 1.0 | 3 |
| 40 | The possibilities of the environmental use of bottom sediments from the silted inlet zone of the RoÅnÅw Reservoir. <i>Geology Geophysics & Environment</i> , 2017, 43, 335. | 1.0 | 16 |
| 41 | Spatial distribution of trace elements and ecotoxicity of bottom sediments in Rybnik reservoir, Silesian-Poland. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17255-17268. | 5.3 | 48 |
| 42 | Content of PAHs, activities of ¹³ I-radionuclides and ecotoxicological assessment in biochars. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 27-35. | 0.5 | 7 |
| 43 | Assessment of heavy metals mobility and toxicity in contaminated sediments by sequential extraction and a battery of bioassays. <i>Ecotoxicology</i> , 2015, 24, 1279-1293. | 2.4 | 95 |
| 44 | Application of geochemical and ecotoxicity indices for assessment of heavy metals content in soils / Zastosowanie wskaÅnikÅw geochemicznych i ekotoksycznych w ocenie zawartoÅci metali ciÅmÅkich w glebach. <i>Archives of Environmental Protection</i> , 2015, 41, 54-63. | 1.1 | 13 |
| 45 | Mercury contamination of bottom sediments in water reservoirs of southern Poland. <i>Geology Geophysics & Environment</i> , 2015, 41, 169. | 1.0 | 6 |
| 46 | The effect of bottom sediment supplement on changes of soil properties and on the chemical composition of plants. <i>Geology Geophysics & Environment</i> , 2015, 41, 285. | 1.0 | 18 |
| 47 | The effect of low-temperature transformation of mixtures of sewage sludge and plant materials on content, leachability and toxicity of heavy metals. <i>Chemosphere</i> , 2014, 117, 33-39. | 8.2 | 44 |
| 48 | Assessment of respiration activity and ecotoxicity of composts containing biopolymers. <i>Ecotoxicology and Environmental Safety</i> , 2013, 89, 137-142. | 6.0 | 29 |
| 49 | Phytotoxkit/Phytotestkit and Microtox [®] as tools for toxicity assessment of sediments. <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 19-27. | 6.0 | 58 |
| 50 | Strategy of Cr detoxification by <i>Callitriche cophocarpa</i> . <i>Open Chemistry</i> , 2013, 11, 295-303. | 1.9 | 6 |
| 51 | Selected Properties of Flotation Tailings Wastes Deposited in the GilÅw and Åelazny Most Waste Reservoirs Regarding Their Potential Environmental Management / Wybrane WÅsÅciwoÅci OdpadÅw Poflotacyjnych Zdeponowanych W Zbiornikach GilÅw I Åelazny Most W Aspekcie MoÅliwÅci Ich Zagospodarowania Przyrodniczego. <i>Archives of Mining Sciences</i> , 2013, 58, 969-978. | 0.6 | 15 |