

# Piotr Bulak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2687213/publications.pdf>

Version: 2024-02-01

20  
papers

514  
citations

758635

12  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

683  
citing authors

#	ARTICLE	IF	CITATIONS
1	The first report of the physicochemical structure of chitin isolated from <i>Hermetia illucens</i> . International Journal of Biological Macromolecules, 2016, 92, 316-320.	3.6	97
2	Plant growth regulators-assisted phytoextraction. <i>Biologia Plantarum</i> , 2014, 58, 1-8.	1.9	76
3	<i>Hermetia illucens</i> as a new and promising species for use in entomoremediation. <i>Science of the Total Environment</i> , 2018, 633, 912-919.	3.9	53
4	<i>Hermetia illucens</i> exhibits bioaccumulative potential for 15 different elements – Implications for feed and food production. <i>Science of the Total Environment</i> , 2020, 723, 138125.	3.9	49
5	The influence of Si-rich mineral zeolite on the growth processes and adaptive potential of barley plants under cadmium stress. <i>Plant Growth Regulation</i> , 2015, 75, 557-565.	1.8	34
6	The influence of wheat <i>Triticum aestivum</i> L. seed pre-sowing treatment with magnetic fields on germination, seedling growth, and antioxidant potential under optimal soil watering and flooding. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	32
7	Biodegradation of Different Types of Plastics by <i>Tenebrio molitor</i> Insect. <i>Polymers</i> , 2021, 13, 3508.	2.0	28
8	Biogas generation from insects breeding post production wastes. <i>Journal of Cleaner Production</i> , 2020, 244, 118777.	4.6	27
9	Isolation of Chitin from Black Soldier Fly ( <i>Hermetia illucens</i> ) and Its Usage to Metal Sorption. <i>Polymers</i> , 2021, 13, 818.	2.0	21
10	Kinetics of methane oxidation in selected mineral soils. <i>International Agrophysics</i> , 2012, 26, 401-406.	0.7	17
11	Using gyroplane for application of <i>Trichogramma</i> spp. against the European corn borer in maize. <i>Pest Management Science</i> , 2020, 76, 2243-2250.	1.7	17
12	Electromagnetic field pretreatment of <i>Sinapis alba</i> seeds improved cadmium phytoextraction. <i>International Journal of Phytoremediation</i> , 2018, 20, 338-342.	1.7	14
13	A New Approach to Quantifying Bioaccumulation of Elements in Biological Processes. <i>Biology</i> , 2021, 10, 345.	1.3	13
14	Methane oxidation in heavy metal contaminated Mollic Gleysol under oxic and hypoxic conditions. <i>Environmental Pollution</i> , 2016, 213, 403-411.	3.7	11
15	How Can Litter Modify the Fluxes of CO <sub>2</sub> and CH <sub>4</sub> from Forest Soils? A Mini-Review. <i>Forests</i> , 2021, 12, 1276.	0.9	8
16	Biocatalytic conversion of methane – selected aspects. <i>Current Opinion in Chemical Engineering</i> , 2019, 26, 28-32.	3.8	5
17	Antioxidative system response of pedunculate oak ( <i>Quercus robur</i> L.) seedlings to Cd exposure. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 1377-1384.	1.4	4
18	Variations in Soil Properties and CO <sub>2</sub> Emissions of a Temperate Forest Gully Soil along a Topographical Gradient. <i>Forests</i> , 2021, 12, 226.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Effect of encapsulated and free-living cells of <i>Chlorella vulgaris</i> L. on nitrogen retention in soils. <i>International Agrophysics</i> , 2019, 33, 127-136.	0.7	3
20	Using intervarietal substitution lines for the identification of wheat chromosomes involved in early responses to water-deficit stress. <i>PLoS ONE</i> , 2019, 14, e0221849.	1.1	2