Patryk Oleszczuk

List of Publications by Year in Descending Order

159 papers	6,288 citations	44 h-index	72 g-index
164 ext. papers	7,774 ext. citations	8.1 avg, IF	6.9 L-index

#	Paper	IF	Citations
159	Microplastics captured by snowfall: A study in Northern Iran.. *Science of the Total Environment*, **2022**, 153451	10.2	1
158	Biochar and engineered biochar as slow- and controlled-release fertilizers. *Journal of Cleaner Production*, **2022**, 339, 130685	10.3	7
157	Biochar alters chemical and microbial properties of microplastic-contaminated soil.. *Environmental Research*, **2022**, 112807	7.9	5
156	Effects of microplastics on the terrestrial environment: A critical review.. *Environmental Research*, **2022**, 209, 112734	7.9	6
155	Cross-examination of engineered nanomaterials in crop production: Application and related implications. *Journal of Hazardous Materials*, **2022**, 424, 127374	12.8	1
154	The co-occurrence of Zn-and Cu-based engineered nanoparticles in soils: The metal extractability vs. toxicity to Folsomia candida. *Chemosphere*, **2022**, 287, 132252	8.4	0
153	EFFECT OF BIOMASS ADDITION BEFORE SEWAGE SLUDGE PYROLYSIS ON THE PERSISTENCE AND BIOAVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS IN BIOCHAR-AMENDED SOIL. *Chemical Engineering Journal*, **2022**, 429, 132143	14.7	3
152	Mechanism of aging of biochars obtained at different temperatures from sewage sludges with different composition and character. *Chemosphere*, **2022**, 287, 132258	8.4	2
151	Ecotoxicity of sewage sludge- or sewage sludge/willow-derived biochar-amended soil.. *Environmental Pollution*, **2022**, 119235	9.3	0
150	Microplastics in agricultural soils from a semi-arid region and their transport by wind erosion.. *Environmental Research*, **2022**, 113213	7.9	1
149	Distribution and transport of microplastics in groundwater (Shiraz aquifer, southwest Iran). *Water Research*, **2022**, 118622	12.5	0
148	Low temperature-produced and VFA-coated biochar enhances phenanthrene adsorption and mitigates toxicity in marine sediments. *Separation and Purification Technology*, **2022**, 121414	8.3	1
147	Sustainable biochar-based soil fertilizers and amendments as a new trend in biochar research. *Science of the Total Environment*, **2021**, 151588	10.2	2
146	Adsorption and desorption of antiviral drugs (ritonavir and lopinavir) on sewage sludges as a potential environmental risk.. *Journal of Hazardous Materials*, **2021**, 425, 127901	12.8	2
145	Investigating impact of physicochemical properties of microplastics on human health: A short bibliometric analysis and review. *Chemosphere*, **2021**, 289, 133146	8.4	10
144	Engineered biochars from organic wastes for the adsorption of diclofenac, naproxen and triclosan from water systems. *Journal of Cleaner Production*, **2021**, 288, 125686	10.3	32
143	Ecotoxicological assessment of sewage sludge-derived biochars-amended soil. *Environmental Pollution*, **2021**, 275, 116484	9.3	5

142	Four Types of TiO Reduced the Growth of Selected Lactic Acid Bacteria Strains. *Foods*, **2021**, 10,	4.9	3
141	Simultaneous adsorption of Cu(II) ions and poly(acrylic acid) on the hybrid carbon-mineral nanocomposites with metallic elements. *Journal of Hazardous Materials*, **2021**, 412, 125138	12.8	11
140	The addition of biochar as a sustainable strategy for the remediation of PAH-contaminated sediments. *Chemosphere*, **2021**, 263, 128274	8.4	31
139	THE DARK SIDE OF BLACK GOLD: Ecotoxicological aspects of biochar and biochar-amended soils. *Journal of Hazardous Materials*, **2021**, 403, 123833	12.8	52
138	The chronic effects of CuO and ZnO nanoparticles on Eisenia fetida in relation to the bioavailability in aged soils. *Chemosphere*, **2021**, 266, 128982	8.4	7
137	Engineered biochar A sustainable solution for the removal of antibiotics from water. *Chemical Engineering Journal*, **2021**, 405, 126926	14.7	75
136	Combined effect of nano-CuO and nano-ZnO in plant-related system: From bioavailability in soil to transcriptional regulation of metal homeostasis in barley. *Journal of Hazardous Materials*, **2021**, 416, 126230	12.8	7
135	Comparison of lead(II) ions accumulation and bioavailability on the montmorillonite and kaolinite surfaces in the presence of polyacrylamide soil flocculant. *Chemosphere*, **2021**, 276, 130088	8.4	5
134	Transcriptional and biochemical response of barley to co-exposure of metal-based nanoparticles. *Science of the Total Environment*, **2021**, 782, 146883	10.2	5
133	Modification of ordered mesoporous carbon for removal of environmental contaminants from aqueous phase: A review. *Journal of Hazardous Materials*, **2021**, 418, 126266	12.8	12
132	COVID-19 discarded disposable gloves as a source and a vector of pollutants in the environment. *Journal of Hazardous Materials*, **2021**, 417, 125938	12.8	17
131	Sewage sludge and solid residues from biogas production derived biochar as an effective bio-waste adsorbent of fulvic acids from water or wastewater. *Chemosphere*, **2021**, 278, 130447	8.4	8
130	Biochars ages differently depending on the feedstock used for their production: Willow- versus sewage sludge-derived biochars. *Science of the Total Environment*, **2021**, 789, 147458	10.2	2
129	Simultaneous removal of toxic Pb(II) ions, poly(acrylic acid) and Triton X-100 from their mixed solution using engineered biochars obtained from horsetail herb precursor Impact of post-activation treatment. *Separation and Purification Technology*, **2021**, 276, 119297	8.3	4
128	Effect of Natural Aging of Biochar on Soil Enzymatic Activity and Physicochemical Properties in Long-Term Field Experiment. *Agronomy*, **2020**, 10, 449	3.6	14
127	Co-pyrolysis of sewage sludge and biomass in carbon dioxide as a carrier gas affects the total and leachable metals in biochars. *Journal of Hazardous Materials*, **2020**, 400, 123144	12.8	25
126	Engineered biochar modified with iron as a new adsorbent for treatment of water contaminated by selenium. *Journal of Saudi Chemical Society*, **2020**, 24, 824-834	4.3	16
125	The convertion of sewage sludge to biochar as a sustainable tool of PAHs exposure reduction during agricultural utilization of sewage sludges. *Journal of Hazardous Materials*, **2020**, 392, 122416	12.8	20

124	Influence of protein internal stability on its removal mechanism from aqueous solutions using eco-friendly horsetail herb-based engineered biochar. *Chemical Engineering Journal*, **2020**, 388, 124156	14.7	8
123	Carbon dioxide as a carrier gas and mixed feedstock pyrolysis decreased toxicity of sewage sludge biochar. *Science of the Total Environment*, **2020**, 723, 137796	10.2	21
122	PET-microplastics as a vector for heavy metals in a simulated plant rhizosphere zone. *Science of the Total Environment*, **2020**, 744, 140984	10.2	43
121	Formation of persistent free radicals in biochar derived from rice straw based on a detailed analysis of pyrolysis kinetics. *Science of the Total Environment*, **2020**, 715, 136575	10.2	23
120	Polycyclic aromatic hydrocarbons (PAHs) persistence, bioavailability and toxicity in sewage sludge- or sewage sludge-derived biochar-amended soil. *Science of the Total Environment*, **2020**, 747, 141123	10.2	18
119	Effects of Titanium Dioxide Nanoparticles Exposure on Human Health-a Review. *Biological Trace Element Research*, **2020**, 193, 118-129	4.5	171
118	Effect of biochar addition to sewage sludge on cadmium, copper and lead speciation in sewage sludge-amended soil. *Chemosphere*, **2020**, 239, 124719	8.4	27
117	Vanadium oxide activates persulfate for degradation of polycyclic aromatic hydrocarbons in aqueous system. *Chemical Engineering Journal*, **2019**, 364, 79-88	14.7	30
116	Application of different carrying gases and ratio between sewage sludge and willow for engineered (smart) biochar production. *Journal of CO2 Utilization*, **2019**, 29, 20-28	7.6	31
115	Long-term effect of ZnO and CuO nanoparticles on soil microbial community in different types of soil. *Geoderma*, **2019**, 352, 204-212	6.7	41
114	Carbon dioxide as a carrier gas and biomass addition decrease the total and bioavailable polycyclic aromatic hydrocarbons in biochar produced from sewage sludge. *Chemosphere*, **2019**, 228, 26-34	8.4	21
113	Biochar-supported nZVI (nZVI/BC) for contaminant removal from soil and water: A critical review. *Journal of Hazardous Materials*, **2019**, 373, 820-834	12.8	164
112	Combined Effects of Plant Cultivation and Sorbing Carbon Amendments on Freely Dissolved PAHs in Contaminated Soil. *Environmental Science & Technology*, **2019**, 53, 4860-4868	10.3	9
111	Plasmid binding to metal oxide nanoparticles inhibited lateral transfer of antibiotic resistance genes. *Environmental Science: Nano*, **2019**, 6, 1310-1322	7.1	14
110	Adsorption capacity of phenanthrene and pyrene to engineered carbon-based adsorbents produced from sewage sludge or sewage sludge-biomass mixture in various gaseous conditions. *Bioresource Technology*, **2019**, 280, 421-429	11	31
109	Impact of ZnO and ZnS nanoparticles in sewage sludge-amended soil on bacteria, plant and invertebrates. *Chemosphere*, **2019**, 237, 124359	8.4	17
108	Effect of reclamation treatments on microbial activity and phytotoxicity of soil degraded by the sulphur mining industry. *Environmental Pollution*, **2019**, 252, 1429-1438	9.3	8
107	Environmental behavior of engineered biochars and their aging processes in soil. *Biochar*, **2019**, 1, 339-351	10	21

106	Adsorption and desorption of heavy metals by the sewage sludge and biochar-amended soil. *Environmental Geochemistry and Health*, **2019**, 41, 1663-1674	4.7	32
105	A field study of bioavailable polycyclic aromatic hydrocarbons (PAHs) in sewage sludge and biochar amended soils. *Journal of Hazardous Materials*, **2018**, 349, 27-34	12.8	36
104	Application of biochar to sewage sludge reduces toxicity and improve organisms growth in sewage sludge-amended soil in long term field experiment. *Science of the Total Environment*, **2018**, 625, 8-15	10.2	52
103	Changes of total and freely dissolved polycyclic aromatic hydrocarbons and toxicity of biochars treated with various aging processes. *Environmental Pollution*, **2018**, 237, 65-73	9.3	30
102	Sequential extraction of nickel and zinc in sewage sludge- or biochar/sewage sludge-amended soil. *Science of the Total Environment*, **2018**, 636, 927-935	10.2	31
101	The content of elements and quality parameters of winter rye grain as influenced by biochar-amended soil. *Zemdirbyste*, **2018**, 105, 11-20	1.1	1
100	Combined toxicity of endosulfan and phenanthrene mixtures and induced molecular changes in adult Zebrafish (Danio rerio). *Chemosphere*, **2018**, 194, 30-41	8.4	26
99	Toxicity of combined mixtures of nanoparticles to plants. *Journal of Hazardous Materials*, **2017**, 331, 200-208	12.8	60
98	Co-application of sewage sludge with biochar increases disappearance of polycyclic aromatic hydrocarbons from fertilized soil in long term field experiment. *Science of the Total Environment*, **2017**, 599-600, 854-862	10.2	24
97	Bioaccessibility of polycyclic aromatic hydrocarbons in activated carbon or biochar amended vegetated (Salix viminalis) soil. *Environmental Pollution*, **2017**, 227, 406-413	9.3	26
96	Effect of co-application of nano-zero valent iron and biochar on the total and freely dissolved polycyclic aromatic hydrocarbons removal and toxicity of contaminated soils. *Chemosphere*, **2017**, 168, 1467-1476	8.4	31
95	Biochar for composting improvement and contaminants reduction. A review. *Bioresource Technology*, **2017**, 246, 193-202	11	187
94	Active carbons from waste biochars. *Journal of Thermal Analysis and Calorimetry*, **2017**, 130, 15-24	4.1	17
93	Effect of biochar application on the physical properties of Haplic Podzol. *Soil and Tillage Research*, **2017**, 174, 92-103	6.5	23
92	Synthesis of biochar from residues after biogas production with respect to cadmium and nickel removal from wastewater. *Journal of Environmental Management*, **2017**, 201, 268-276	7.9	49
91	Activated biochars reduce the exposure of polycyclic aromatic hydrocarbons in industrially contaminated soils. *Chemical Engineering Journal*, **2017**, 310, 33-40	14.7	73
90	Effect of biochar activation by different methods on toxicity of soil contaminated by industrial activity. *Ecotoxicology and Environmental Safety*, **2017**, 136, 119-125	7	67
89	Advances and future directions of biochar characterization methods and applications. *Critical Reviews in Environmental Science and Technology*, **2017**, 47, 2275-2330	11.1	128

88	Effect of various biochar rates on winter rye yield and the concentration of available nutrients in the soil *Plant, Soil and Environment*, **2016**, 62, 483-489	2.2	17
87	Addition of biochar to sewage sludge decreases freely dissolved PAHs content and toxicity of sewage sludge-amended soil. *Environmental Pollution*, **2016**, 218, 242-251	9.3	53
86	Attenuation of phenanthrene and pyrene adsorption by sewage sludge-derived biochar in biochar-amended soils. *Environmental Science and Pollution Research*, **2016**, 23, 21822-21832	5.1	22
85	Effect of activated carbon and biochars on the bioavailability of polycyclic aromatic hydrocarbons in different industrially contaminated soils. *Environmental Science and Pollution Research*, **2016**, 23, 11058-11068	5.1	31
84	Effect of steam activated biochar application to industrially contaminated soils on bioavailability of polycyclic aromatic hydrocarbons and ecotoxicity of soils. *Science of the Total Environment*, **2016**, 566-567, 1023-1031	10.2	35
83	The concentration and changes in freely dissolved polycyclic aromatic hydrocarbons in biochar-amended soil. *Environmental Pollution*, **2016**, 214, 748-755	9.3	22
82	Effect of pyrolysis temperatures on freely dissolved polycyclic aromatic hydrocarbon (PAH) concentrations in sewage sludge-derived biochars. *Chemosphere*, **2016**, 153, 68-74	8.4	51
81	Sorption of diclofenac and naproxen onto MWCNT in model wastewater treated by H2O2 and/or UV. *Chemosphere*, **2016**, 149, 272-8	8.4	31
80	Persistence of polycyclic aromatic hydrocarbons (PAHs) in biochar-amended soil. *Chemosphere*, **2016**, 146, 272-9	8.4	69
79	Review on nano zerovalent iron (nZVI): From synthesis to environmental applications. *Chemical Engineering Journal*, **2016**, 287, 618-632	14.7	500
78	The total and freely dissolved polycyclic aromatic hydrocarbons content in residues from biogas production. *Environmental Pollution*, **2016**, 208, 787-95	9.3	2
77	Effect of activated carbon or biochars on toxicity of different soils contaminated by mixture of native polycyclic aromatic hydrocarbons and heavy metals. *Environmental Toxicology and Chemistry*, **2016**, 35, 1321-8	3.8	17
76	The bioavailability and toxicity of ZnO and Ni nanoparticles and their bulk counterparts in different sediments. *Journal of Soils and Sediments*, **2016**, 16, 1798-1808	3.4	17
75	Biochars with low polycyclic aromatic hydrocarbon concentrations achievable by pyrolysis under high carrier gas flows irrespective of oxygen content or feedstock. *Journal of Analytical and Applied Pyrolysis*, **2016**, 122, 365-369	6	30
74	Bioavailability and bioaccessibility of polycyclic aromatic hydrocarbons (PAHs) in historically contaminated soils after lab incubation with sewage sludge-derived biochars. *Chemosphere*, **2016**, 163, 480-489	8.4	24
73	Chemical and ecotoxicological evaluation of biochar produced from residues of biogas production. *Journal of Hazardous Materials*, **2016**, 318, 417-424	12.8	63
72	Characterization of nanoparticles of biochars from different biomass. *Journal of Analytical and Applied Pyrolysis*, **2016**, 121, 165-172	6	63
71	An ecotoxicological evaluation of soil fertilized with biogas residues or mining waste. *Environmental Science and Pollution Research*, **2015**, 22, 7833-42	5.1	17

70	Advanced oxidation (H□□and/or UV) of functionalized carbon nanotubes (CNT-OH and CNT-COOH) and its influence on the stabilization of CNTs in water and tannic acid solution. *Environmental Pollution*, **2015**, 200, 161-7	9.3	24
69	Evaluation of sewage sludge and slow pyrolyzed sewage sludge-derived biochar for adsorption of phenanthrene and pyrene. *Bioresource Technology*, **2015**, 192, 618-26	11	75
68	Characterization of biochars produced from residues from biogas production. *Journal of Analytical and Applied Pyrolysis*, **2015**, 115, 157-165	6	75
67	The conversion of sewage sludge into biochar reduces polycyclic aromatic hydrocarbon content and ecotoxicity but increases trace metal content. *Biomass and Bioenergy*, **2015**, 75, 235-244	5.3	121
66	Water treatment by H2O2 and/or UV affects carbon nanotube (CNT) properties and fate in water and tannic acid solution. *Environmental Science and Pollution Research*, **2015**, 22, 20198-206	5.1	10
65	Application of laboratory prepared and commercially available biochars to adsorption of cadmium, copper and zinc ions from water. *Bioresource Technology*, **2015**, 196, 540-9	11	202
64	Sorption and desorption of Cr(VI) ions from water by biochars in different environmental conditions. *Environmental Science and Pollution Research*, **2015**, 22, 5985-94	5.1	97
63	Toxicity of biochars after polycyclic aromatic hydrocarbons removal by thermal treatment. *Ecological Engineering*, **2015**, 75, 79-85	3.9	73
62	MWCNT□iO2□iO2 nanocomposites possessing the photocatalytic activity in UVA and UVC. *Applied Catalysis B: Environmental*, **2015**, 162, 564-572	21.8	33
61	Surfactants decrease the toxicity of ZnO, TiO2 and Ni nanoparticles to Daphnia magna. *Ecotoxicology*, **2015**, 24, 1923-32	2.9	36
60	The Effects of Biochar Amendment on Soil Fertility. *SSSA Special Publication Series*, **2015**, 123-144	0	20
59	Ecotoxicological assessment of residues from different biogas production plants used as fertilizer for soil. *Journal of Hazardous Materials*, **2015**, 298, 195-202	12.8	23
58	Effect of sewage sludge properties on the biochar characteristic. *Journal of Analytical and Applied Pyrolysis*, **2015**, 112, 201-213	6	153
57	Biochar production increases the polycyclic aromatic hydrocarbon content in surrounding soils and potential cancer risk. *Environmental Science and Pollution Research*, **2014**, 21, 3646-52	5.1	27
56	Ecotoxicological evaluation of selected pharmaceuticals to Vibrio fischeri and Daphnia magna before and after photooxidation process. *Ecotoxicology and Environmental Safety*, **2014**, 104, 247-53	7	40
55	Microbiological, biochemical and ecotoxicological evaluation of soils in the area of biochar production in relation to polycyclic aromatic hydrocarbon content. *Geoderma*, **2014**, 213, 502-511	6.7	55
54	Effect of pesticides on microorganisms, enzymatic activity and plant in biochar-amended soil. *Geoderma*, **2014**, 214-215, 10-18	6.7	91
53	Stabilization of sewage sludge by different biochars towards reducing freely dissolved polycyclic aromatic hydrocarbons (PAHs) content. *Bioresource Technology*, **2014**, 156, 139-45	11	62

52	The effect of inorganic nanoparticles (ZnO, Cr2O3, CuO and Ni) and their bulk counterparts on enzyme activities in different soils. *Geoderma*, **2014**, 232-234, 528-537	6.7	59
51	Phytotoxicity of nanoparticles--problems with bioassay choosing and sample preparation. *Environmental Science and Pollution Research*, **2014**, 21, 10215-24	5.1	22
50	Manufactured Nanomaterials: The Connection Between Environmental Fate and Toxicity. *Critical Reviews in Environmental Science and Technology*, **2013**, 43, 2581-2616	11.1	15
49	Effect of biochars, activated carbon and multiwalled carbon nanotubes on phytotoxicity of sediment contaminated by inorganic and organic pollutants. *Ecological Engineering*, **2013**, 60, 50-59	3.9	63
48	Application of a battery of biotests for the determination of leachate toxicity to bacteria and invertebrates from sewage sludge-amended soil. *Environmental Science and Pollution Research*, **2013**, 20, 3435-46	5.1	28
47	The influence of ZnO and TiO2 nanoparticles on the toxicity of sewage sludges. *Environmental Sciences: Processes and Impacts*, **2013**, 15, 296-306	4.3	20
46	Biochar properties regarding to contaminants content and ecotoxicological assessment. *Journal of Hazardous Materials*, **2013**, 260, 375-82	12.8	180
45	Influence of soil type and environmental conditions on ZnO, TiO(2) and Ni nanoparticles phytotoxicity. *Chemosphere*, **2013**, 92, 91-9	8.4	82
44	Short-term effect of the soil amendments activated carbon, biochar, and ferric oxyhydroxide on bacteria and invertebrates. *Environmental Science & Technology*, **2013**, 47, 8674-83	10.3	76
43	Activated carbon and biochar amendments decrease pore-water concentrations of polycyclic aromatic hydrocarbons (PAHs) in sewage sludge. *Bioresource Technology*, **2012**, 111, 84-91	11	159
42	The Phytotoxicity Changes of Sewage Sludge-Amended Soils. *Water, Air, and Soil Pollution*, **2012**, 223, 4937-4948	2.6	40
41	Influence of activated carbon and biochar on phytotoxicity of air-dried sewage sludges to Lepidium sativum. *Ecotoxicology and Environmental Safety*, **2012**, 80, 321-6	7	33
40	Comparison of sewage sludge toxicity to plants and invertebrates in three different soils. *Chemosphere*, **2011**, 83, 502-9	8.4	50
39	Influence of anionic, cationic and nonionic surfactants on adsorption and desorption of oxytetracycline by ultrasonically treated and non-treated multiwalled carbon nanotubes. *Chemosphere*, **2011**, 85, 1312-7	8.4	46
38	The toxicity to plants of the sewage sludges containing multiwalled carbon nanotubes. *Journal of Hazardous Materials*, **2011**, 186, 436-42	12.8	51
37	Response to Comment on Adsorption and Desorption of Oxytetracycline and Carbamazepine by Multiwalled Carbon Nanotubes *Environmental Science & Technology*, **2010**, 44, 4829-4829	10.3	1
36	Testing of different plants to determine influence of physico-chemical properties and contaminants content on municipal sewage sludges phytotoxicity. *Environmental Toxicology*, **2010**, 25, 38-47	4.2	13
35	Toxicity of Light Soil Fertilized by Sewage Sludge or Compost in Relation to PAHs Content. *Water, Air, and Soil Pollution*, **2010**, 210, 347-356	2.6	8

34	Sorption of phenanthrene by sewage sludge during composting in relation to potentially bioavailable contaminant content. *Journal of Hazardous Materials*, **2009**, 161, 1330-7	12.8	21
33	Application of three methods used for the evaluation of polycyclic aromatic hydrocarbons (PAHs) bioaccessibility for sewage sludge composting. *Bioresource Technology*, **2009**, 100, 413-20	11	47
32	The Tenax fraction of PAHs relates to effects in sewage sludges. *Ecotoxicology and Environmental Safety*, **2009**, 72, 1320-5	7	12
31	Changes of solid phase toxicity during sewage sludge composting in relation to bioavailability of polycyclic aromatic hydrocarbons. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2009**, 44, 137-45	2.3	3
30	Adsorption and desorption of oxytetracycline and carbamazepine by multiwalled carbon nanotubes. *Environmental Science & Technology*, **2009**, 43, 9167-73	10.3	201
29	Forms of polycyclic aromatic hydrocarbon in the formation of sewage sludge toxicity to Heterocypris incongruens. *Science of the Total Environment*, **2008**, 404, 94-102	10.2	15
28	Phytotoxicity of municipal sewage sludge composts related to physico-chemical properties, PAHs and heavy metals. *Ecotoxicology and Environmental Safety*, **2008**, 69, 496-505	7	81
27	Tenax-TA extraction as predictor for free available content of polycyclic aromatic hydrocarbons (PAHs) in composted sewage sludges. *Journal of Environmental Monitoring*, **2008**, 10, 883-8		3
26	The toxicity of composts from sewage sludges evaluated by the direct contact tests phytotoxkit and ostracodtoxkit. *Waste Management*, **2008**, 28, 1645-53	8.6	35
25	Heterocypris incongruens as a tool to estimate sewage sludge toxicity. *Environmental Toxicology and Chemistry*, **2008**, 27, 864-72	3.8	22
24	Application of hydroxypropyl[beta]cyclodextrin to evaluation of polycyclic aromatic hydrocarbon losses during sewage sludges composting. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2008**, 43, 10-7	2.3	6
23	The evaluation of sewage sludge and compost toxicity to Heterocypris incongruens in relation to inorganic and organic contaminants content. *Environmental Toxicology*, **2007**, 22, 587-96	4.2	12
22	Influence of Long-Term Soils Flooding by Distilled and Post-Sewage Water on Polycyclic Aromatic Hydrocarbons (PAHs) Changes. *Water, Air, and Soil Pollution*, **2007**, 180, 237-248	2.6	3
21	Influence of Agricultural Land Use and Management on the Contents of Polycyclic Aromatic Hydrocarbons in Selected Silty Soils. *Water, Air, and Soil Pollution*, **2007**, 184, 195-205	2.6	13
20	Polyaromatic Hydrocarbons in Rhizosphere Soil of Different Plants: Effect of Soil Properties, Plant Species, and Intensity of Anthropogenic Pressure. *Communications in Soil Science and Plant Analysis*, **2007**, 38, 171-188	1.5	10
19	Changes of polycyclic aromatic hydrocarbons during composting of sewage sludges with chosen physico-chemical properties and PAHs content. *Chemosphere*, **2007**, 67, 582-91	8.4	45
18	Investigation of potentially bioavailable and sequestrated forms of polycyclic aromatic hydrocarbons during sewage sludge composting. *Chemosphere*, **2007**, 70, 288-97	8.4	24
17	Characterization of Polish sewage sludges with respect to fertility and suitability for land application. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2006**, 41, 1197-215	2.3	12

16	Persistence of polycyclic aromatic hydrocarbons (PAHs) in sewage sludge-amended soil. *Chemosphere*, **2006**, 65, 1616-26	8.4	79
15	Content of potentially bioavailable polycyclic aromatic hydrocarbons in rhizosphere soil in relation to properties of soils. *Chemical Speciation and Bioavailability*, **2006**, 18, 39-48		6
14	Influence of different bulking agents on the disappearance of polycyclic aromatic hydrocarbons (PAHs) during sewage sludge composting. *Water, Air, and Soil Pollution*, **2006**, 175, 15-32	2.6	26
13	Carbon adsorbents from waste ion-exchange resins. *Carbon*, **2005**, 43, 1143-1150	10.4	33
12	Carbon-mineral adsorbents prepared by pyrolysis of waste materials in the presence of tetrachloromethane. *Journal of Colloid and Interface Science*, **2005**, 284, 39-47	9.3	19
11	Polycyclic Aromatic Hydrocarbons Content in Shoots and Leaves of Willow (Salix viminalis) Cultivated on the Sewage Sludge-Amended Soil. *Water, Air, and Soil Pollution*, **2005**, 168, 91-111	2.6	45
10	Concentration of Polycyclic Aromatic Hydrocarbons in Sewage Sludge-Amended Soil. *Communications in Soil Science and Plant Analysis*, **2005**, 36, 1083-1097	1.5	9
9	KINETICS OF PAHS LOSSES AND RELATIONSHIPS BETWEEN PAHS PROPERTIES AND PROPERTIES OF SOIL IN SEWAGE SLUDGE-AMENDED SOIL. *Polycyclic Aromatic Compounds*, **2005**, 25, 245-269	1.3	13
8	Influence of soil fertilization by sewage sludge on the content of polycyclic aromatic hydrocarbons (PAHs) in crops. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2005**, 40, 2085-103	2.3	23
7	Application of solid-phase extraction to determination of polycyclic aromatic hydrocarbons in sewage sludge extracts. *Journal of Hazardous Materials*, **2004**, 113, 237-45	12.8	67
6	The Concentration of Mild-Extracted Polycyclic Aromatic Hydrocarbons in Sewage Sludges. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2004**, 39, 2799-2815	2.3	7
5	Enzymatic activity in an airfield soil polluted with polycyclic aromatic hydrocarbons. *Geoderma*, **2004**, 118, 221-232	6.7	140
4	Degradation of soil environment in the post-flooding area: content of polycyclic aromatic hydrocarbons (PAHs) and s-triazine herbicides. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2003**, 38, 799-812	2.2	9
3	Effect of hydrothermal modification on the porous structure and thermal properties of carbon–silica adsorbents (carbosils). *Materials Chemistry and Physics*, **2003**, 78, 486-494	4.4	9
2	Changes in the content of polycyclic aromatic hydrocarbons (PAHs) in light soil fertilized with sewage sludge. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2003**, 38, 793-805	2.3	14
1	Properties of thin polyethylene glycol layers on the surface of silica gel and pyrocarbon/silica gel. *Materials Chemistry and Physics*, **2001**, 70, 25-37	4.4	6