MieczysÅ‚aw S Hajnos

List of Publications by Year
in descending order

32	492	686830 13	713013 21
papers	citations	h-index	g-index

33	33	33	639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fractal Parameters of Pore Surface Area as Influenced by Simulated Soil Degradation. Soil Science Society of America Journal, 1995, 59, 68-75.	1.2	77
2	Pore structure, stability and water repellency of earthworm casts and natural aggregates in loess soil. Geoderma, 2015, 243-244, 124-129.	2.3	47
3	Thin-layer chromatography coupled with biological detection to screen natural mixtures for potential drug leads. Phytochemistry Letters, 2015, 11, 445-454.	0.6	35
4	Pore-system characteristics of pavement seam materials of urban sites. Journal of Plant Nutrition and Soil Science, 2006, 169, 16-24.	1.1	26
5	Wettability of mineral soils. Geoderma, 2013, 206, 63-69.	2.3	26
6	Influence of some chemical modifications on the characteristics of potato starch powders. Journal of Food Engineering, 2012, 108, 515-522.	2.7	24
7	Filter properties of seam material from paved urban soils. Hydrology and Earth System Sciences, 2008, 12, 691-702.	1.9	21
8	Effect of humic acids, sesquioxides and silica on the pore system of silt aggregates measured by water vapour desorption, mercury intrusion and microtomography. European Journal of Soil Science, 2015, 66, 992-1001.	1.8	20
9	Influence of Exchangeable Cations on the Surface Free Energy of Kaolinite as Determined from Contact Angles. Clays and Clay Minerals, 1989, 37, 269-272.	0.6	19
10	Comparison of fractal dimensions of soils estimated from adsorption isotherms, mercury intrusion, and particle size distribution. Journal of Plant Nutrition and Soil Science, 2001, 164, 591.	1.1	14
11	Physicochemical properties of silica gel coated with a thin layer of polyaniline (PANI) and its application in non-suppressed ion chromatography. Talanta, 2013, 115, 451-456.	2.9	14
12	Influence of physico-chemical modification of waxy corn starch on changes in its structure. Food Hydrocolloids, 2017, 70, 201-210.	5.6	14
13	Large effect of leaching of DOC on water adsorption properties of a sandy soil. Geoderma, 1996, 74, 125-137.	2.3	13
14	Adsorption of Nitrogen on Thermally Treated Peat Soils: The Role of Energetic and Geometric Heterogeneity. Journal of Colloid and Interface Science, 1999, 219, 1-10.	5.0	13
15	Extruded corn gruels containing linden flowers: quantitation of phenolic compounds and selected quality characteristics. Open Chemistry, 2015, 13, .	1.0	13
16	Modification of Lightweight Aggregatesâ€™ Microstructure by Used Motor Oil Addition. Materials, 2016, 9, 845.	1.3	13
17	Water storage, surface, and structural properties of sandy forest humus horizons. Journal of Plant Nutrition and Soil Science, 2003, 166, 625-634.	1.1	12
18	Soils response to the land use and soil climatic gradients at ecosystem scale: Mineralogical and geochemical data. Soil and Tillage Research, 2018, 180, 38-47.	2.6	12

#	Article	IF	Citations
19	Physical parameters of Fluvisols on flooded and non-flooded terraces. International Agrophysics, 2017, 31, 73-82.	0.7	12
20	Parameters of Surface Heterogeneity from Laboratory Experiments on Soil Degradation. Soil Science Society of America Journal, 1995, 59, 410-417.	1.2	11
21	Reaction of sewage farm soils to different irrigation solutions in a column experiment 2. Heavy metals and their leaching. Journal of Plant Nutrition and Soil Science, 2002, 165, 67.	1.1	9
22	HYDROPHOBIZATION OF THE SOIL BY DODECYLAMMONIUM HYDROCHLORIDE AND CHANGES OF THE COMPONENTS OF ITS SURFACE FREE ENERGY. Soil Science, 1990, 150, 753-762.	0.9	8
23	Effect of leaching of DOC on pore characteristic of a sandy soil. Journal of Plant Nutrition and Soil Science, 1999, 162, 19-25.	1.1	7
24	Reactions of sewage farm soils to different irrigation solutions in a column experiment. 1. Solid phase physicochemical properties. Journal of Plant Nutrition and Soil Science, 1999, 162, 653-659.	1.1	7
25	Behavior of new hydroxyapatite/glucan composite in human serum. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2653-2664.	1.6	6
26	Pore size distribution and stability of ortstein and overlying horizons in podzolic soils under forest. Geoderma, 2018, 310, 138-142.	2.3	6
27	Effect of long-term fertilizer application in maize crop growing on chemical element leaching in Fluvisol. International Agrophysics, 2017, 31, 243-249.	0.7	5
28	Do Ca2+-adsorbing ceramics reduce the release of calcium ions from gypsum-based biomaterials?. Materials Science and Engineering C, 2015, 47, 256-265.	3.8	4
29	Unexpected reaction of new HAp/glucan composite to environmental acidification: Defect or advantage?. , 2017, 105, 1178-1190.		2
30	Porosimetry. Encyclopedia of Earth Sciences Series, 2011, , 647-650.	0.1	1
31	Buffer Capacity of Soils. Encyclopedia of Earth Sciences Series, 2011, , 94-95.	0.1	0
32	Role of coat structure in mechanical properties of yellow and black rape seeds. Journal of Cereal Science, 2015, 65, 298-302.	1.8	0