

Farshid Nourbakhsh

List of Publications by Year in descending order

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42
papers

1,077
citations

471509

17
h-index

414414

32
g-index

42
all docs

42
docs citations

42
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation of an aged petroleum contaminated soil using endophyte infected and non-infected grasses. <i>Chemosphere</i> , 2010, 81, 1084-1090.	8.2	174
2	Sorption-desorption of cadmium in aqueous palygorskite, sepiolite, and calcite suspensions: Isotherm hysteresis. <i>Chemosphere</i> , 2006, 65, 2178-2184.	8.2	88
3	Dose-response effects of silver nanoparticles and silver nitrate on microbial and enzyme activities in calcareous soils. <i>Geoderma</i> , 2017, 285, 313-322.	5.1	82
4	Sorption of cadmium on palygorskite, sepiolite and calcite: Equilibria and organic ligand affected kinetics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 287, 182-190.	4.7	75
5	Isolation and Characterization of Pb-Solubilizing Bacteria and Their Effects on Pb Uptake by <i>Brassica juncea</i> : Implications for Microbe-Assisted Phytoremediation. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1156-1167.	2.1	59
6	Uptake and effects of lead and zinc on alfalfa (<i>Medicago sativa</i> L.) seed germination and seedling growth: Role of plant growth promoting bacteria. <i>South African Journal of Botany</i> , 2019, 124, 573-582.	2.5	55
7	Prediction of Soil Enzymes Activity by Digital Terrain Analysis: Comparing Artificial Neural Network and Multiple Linear Regression Models. <i>Environmental Engineering Science</i> , 2012, 29, 798-806.	1.6	47
8	Urease activity as an index for assessing the maturity of cow manure and wheat residue vermicomposts. <i>Waste Management</i> , 2017, 64, 63-66.	7.4	46
9	Lignin content of range plant residues controls N mineralization in soil. <i>European Journal of Soil Biology</i> , 2011, 47, 243-246.	3.2	42
10	Artificial Neural Network Approach for Predicting Cation Exchange Capacity in Soil Based on Physico-Chemical Properties. <i>Environmental Engineering Science</i> , 2009, 26, 137-146.	1.6	36
11	Diversity of soil cellulase isoenzymes is associated with soil cellulase kinetic and thermodynamic parameters. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1639-1648.	8.8	36
12	Desferrioxamine-B adsorption to and iron dissolution from palygorskite and sepiolite. <i>Applied Clay Science</i> , 2010, 48, 393-397.	5.2	32
13	Decoupling of soil biological properties by deforestation. <i>Agriculture, Ecosystems and Environment</i> , 2007, 121, 435-438.	5.3	28
14	Effects of soil properties and trace metals on urease activities of calcareous soils. <i>Biology and Fertility of Soils</i> , 2004, 40, 359-362.	4.3	27
15	Net Nitrogen Mineralization or Immobilization Potential in a Residue-Amended Calcareous Soil. <i>Arid Land Research and Management</i> , 2005, 19, 299-306.	1.6	27
16	Uptake and translocation monitoring of imidacloprid to chili and tomato plants by molecularly imprinting extraction - ion mobility spectrometry. <i>Microchemical Journal</i> , 2019, 144, 195-202.	4.5	22
17	Variation of soil microbial biomass C and hydrolytic enzyme activities in a rangeland ecosystem: are slope aspect and position effective?. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 797-811.	2.6	18
18	Effect of amendment of manure and corn residues on soil N mineralization and enzyme activity. <i>Agronomy for Sustainable Development</i> , 2007, 27, 139-143.	5.3	16

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19	Vertical distribution of soluble organic nitrogen, nitrogen mineralization, nitrification, and amidohydrolase activities in a manure-treated soil. <i>Journal of Plant Nutrition and Soil Science</i> , 2012, 175, 265-272.	1.9	16
20	Effects of cow manure and sewage sludge on the activity and kinetics of l-glutaminase in soil. <i>Biology and Fertility of Soils</i> , 2007, 43, 491-494.	4.3	15
21	The Effects of Slope Position on Soil Biological Properties in an Eroded Toposequence. <i>Arid Land Research and Management</i> , 2011, 25, 308-312.	1.6	15
22	Fate of carbon and nitrogen from plant residue decomposition in a calcareous soil. <i>Plant, Soil and Environment</i> , 2006, 52, 137-140.	2.2	14
23	A kinetic approach to evaluate salinity effects on carbon mineralization in a plant residue-amended soil. <i>Journal of Zhejiang University: Science B</i> , 2006, 7, 788-793.	2.8	12
24	Distribution pattern of amidohydrolase activities among soil aggregates: Effect of soil aggregates isolation methods. <i>Applied Soil Ecology</i> , 2018, 125, 250-256.	4.3	12
25	Estimation of net N mineralization from short-term C evolution in a plant residue-amended soil: is the accuracy of estimation time-dependent?. <i>Soil Use and Management</i> , 2010, 26, 340-345.	4.9	11
26	Research Note: Estimation of Field Capacity and Wilting Point from Basic Soil Physical and Chemical Properties. <i>Arid Land Research and Management</i> , 2004, 19, 81-85.	1.6	9
27	Influence of vermicomposting on solid wastes decomposition kinetics in soils. <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 725-730.	2.8	8
28	Prediction of potentially mineralizable N from amidohydrolase activities in a manure-applied, corn residue-amended soil. <i>European Journal of Soil Biology</i> , 2008, 44, 341-346.	3.2	8
29	L-Asparaginase Activity in Some Soils of Central Iran. <i>Arid Land Research and Management</i> , 2002, 16, 377-384.	1.6	7
30	Arginine ammonification and L-glutaminase assays as rapid indices of corn nitrogen availability. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 127-133.	1.9	7
31	Does cultivation influence the content and pattern of soil proteins?. <i>Soil and Tillage Research</i> , 2011, 111, 162-167.	5.6	7
32	Plant residue quality influences the response of nitrogen mineralization to salinity. <i>Archives of Agronomy and Soil Science</i> , 2006, 52, 571-577.	2.6	6
33	ADSORPTION OF ALKALINE PHOSPHATES ON Palygorskite and Sepiolite: A Tradeoff Between Enzyme Protection and Inhibition. <i>Clays and Clay Minerals</i> , 2020, 68, 287-295.	1.3	5
34	Land-Use Conversion Effects on Phosphate Sorption Characteristics in Soils of Forest and Rangeland Sites from Zagros Area, Western Iran. <i>Arid Land Research and Management</i> , 2010, 24, 223-237.	1.6	4
35	Salinity and Plant Residue Effects on Soil Available Phosphorus. <i>Journal of Plant Nutrition</i> , 2009, 32, 954-966.	1.9	3
36	Aggregate Size Distribution of Ammonia-Oxidizing Bacteria and Archaea at Different Landscape Positions. <i>Geomicrobiology Journal</i> , 2017, 34, 895-902.	2.0	2

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37	Large macroaggregates determine distribution of soil amidohydrolase activities at different landscape positions. <i>Catena</i> , 2018, 170, 316-323.	5.0	2
38	Kinetic approach to evaluate the effects of 3,3'-diaminobenzidine on N mineralization in soils. <i>Plant, Soil and Environment</i> , 2010, 56, 429-433.	2.2	1
39	Microbial Indices Related to Soil Carbon as Affected by Management Practices in Arid Forest and Agricultural Ecosystems. <i>Communications in Soil Science and Plant Analysis</i> , 2010, 41, 1863-1872.	1.4	1
40	Does salinity enhance Cd toxicity to soil alkaline phosphatase?. <i>Archives of Agronomy and Soil Science</i> , 2011, 57, 753-762.	2.6	1
41	Aboveground endophyte (<i>Epichloa coenophiala</i>) symbiosis enhanced rhizosphere enzyme activities of tall fescue (<i>Festuca arundinacea</i>). <i>Rhizosphere</i> , 2022, 22, 100532.	3.0	1
42	Monitoring of Diazinon in Soil Samples by Ion Mobility Spectrometry. <i>Communications in Soil Science and Plant Analysis</i> , 0, , 1-15.	1.4	0