

# Mohsen Jalali

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190  
papers

4,217  
citations

35  
h-index

55  
g-index

194  
ext. papers

4,807  
ext. citations

3.8  
avg. IF

6.55  
L-index

#	Paper	IF	Citations
190	Simulating phosphorus leaching from two agricultural soils as affected by different rates of phosphorus application based on the geochemical model PHREEQC.. <i>Environmental Monitoring and Assessment</i> , <b>2022</b> , 194, 164	3.1	0
189	Heavy metal contents, soil-to-plant transfer factors, and associated health risks in vegetables grown in western Iran. <i>Journal of Food Composition and Analysis</i> , <b>2021</b> , 104316	4.1	3
188	Assessment of trace element pollution in northern and western Iranian agricultural soils: a review. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 823	3.1	0
187	Availability of heavy metals to cabbage grown in sewage sludge amended calcareous soils under greenhouse conditions. <i>International Journal of Phytoremediation</i> , <b>2021</b> , 23, 1525-1537	3.9	0
186	Leaching of Cd, Cu, Ni and Zn in a sewage sludge-amended soil in presence of geo- and nano-materials. <i>Journal of Cleaner Production</i> , <b>2021</b> , 297, 126506	10.3	5
185	Sewage Sludge Application Effects on Phosphorus Uptake by Cucumber and on Rhizosphere and Non-rhizosphere Soils Under Greenhouse Conditions. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2021</b> , 21, 596-611	3.2	1
184	Chemical composition of rainwater at an urban and two rural stations in the west of Iran, Hamedan. <i>Environmental Earth Sciences</i> , <b>2021</b> , 80, 1	2.9	0
183	Impact of sewage sludge, nanoparticles, and clay minerals addition on cucumber growth, phosphorus uptake, soil phosphorus status, and potential risk of phosphorus loss. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 23, 101702	7	1
182	Evaluation of macro and trace elements content of wild edible Iranian plants and their contribution to dietary reference intakes. <i>Journal of Food Composition and Analysis</i> , <b>2021</b> , 102, 104049	4.1	2
181	Assessment of the health risks of heavy metals in soils and vegetables from greenhouse production systems in Iran. <i>International Journal of Phytoremediation</i> , <b>2020</b> , 22, 834-848	3.9	9
180	. <i>Frontiers of Environmental Science and Engineering</i> , <b>2020</b> , 14, 1	5.8	3
179	Effects of some industrial and organic wastes application on growth and heavy metal uptake by tomato ( <i>Lycopersicon esculentum</i> ) grown in a greenhouse condition. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 5353-5366	5.1	8
178	Selectivity coefficients of K, Na, Ca, and Mg in binary exchange systems in some calcareous soils. <i>Environmental Monitoring and Assessment</i> , <b>2020</b> , 192, 80	3.1	7
177	Selectivity Sequences of Heavy Metals in Single and Competitive Systems under Different Soil/Solution Ratios and pH in a Calcareous Soil. <i>Communications in Soil Science and Plant Analysis</i> , <b>2020</b> , 51, 341-351	1.5	5
176	Effect of organic and inorganic phosphorus fertilizers on phosphorus availability and its leaching over incubation time. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 44045-44058	5.1	5
175	An investigation on groundwater geochemistry changes after 17 years: a case study from the west of Iran. <i>Environmental Earth Sciences</i> , <b>2020</b> , 79, 1	2.9	0
174	Measuring and simulating pH buffer capacity of calcareous soils using empirical and mechanistic models. <i>Archives of Agronomy and Soil Science</i> , <b>2020</b> , 66, 559-571	2	1

173	Measuring and Simulating Co(II) Sorption on Waste Calcite, Zeolite and Kaolinite. <i>Natural Resources Research</i> , <b>2020</b> , 29, 967-981	4.9	2
172	Almond and walnut shell-derived biochars affect sorption-desorption, fractionation, and release of phosphorus in two different soils. <i>Chemosphere</i> , <b>2020</b> , 241, 124888	8.4	21
171	Synergistic immobilization of potentially toxic elements (PTEs) by biochar and nanoparticles in alkaline soil. <i>Chemosphere</i> , <b>2020</b> , 241, 124932	8.4	14
170	Nutritional status and risks of potentially toxic elements in some paddy soils and rice tissues. <i>International Journal of Phytoremediation</i> , <b>2019</b> , 21, 111-119	3.9	5
169	Effects of vermiculite, nanoclay and zeolite on ammonium transport through saturated sandy loam soil: Column experiments and modeling approaches. <i>Catena</i> , <b>2019</b> , 176, 170-180	5.8	20
168	Geo- and nano-materials affect the mono-metal and competitive sorption of Cd, Cu, Ni, and Zn in a sewage sludge-treated alkaline soil. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 379, 120567	12.8	17
167	Kinetic release and fractionation of cobalt in some calcareous soils. <i>Journal of Geochemical Exploration</i> , <b>2019</b> , 204, 131-141	3.8	10
166	Long-term simulation of some soil chemical properties under continuous wheat cultivation irrigated with waters of different qualities. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 3249-3264	3.3	1
165	Impact of some industrial solid wastes on the growth and heavy metal uptake of cucumber ( <i>Cucumis sativus</i> L.) under salinity stress. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 182, 109347	7	17
164	Geochemical and environmental health threat evaluation of heavy metals in groundwater of Asad Abad, Hamedan, Iran. <i>Environmental Earth Sciences</i> , <b>2019</b> , 78, 1	2.9	2
163	Assessment of trace elements (Cd, Cu, Ni, Zn) fractionation and bioavailability in vineyard soils from the Hamedan, Iran. <i>Geoderma</i> , <b>2019</b> , 337, 1009-1020	6.7	15
162	Assessment of nutrient and heavy metal content and speciation in sewage sludge from different locations in Iran. <i>Natural Hazards</i> , <b>2019</b> , 95, 657-675	3	12
161	Application of three nanoparticles (Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> and TiO <sub>2</sub> ) for metal-contaminated soil remediation (measuring and modeling). <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 7207-7220	3.3	12
160	Measuring and modeling metal ions adsorption on Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> and TiO <sub>2</sub> nanoparticles in the presence of organic ligands. <i>International Journal of Environmental Science and Technology</i> , <b>2019</b> , 16, 223-236	3.3	4
159	Effect of pH on Potentially Toxic Trace Elements (Cd, Cu, Ni, and Zn) Solubility in Two Native and Spiked Calcareous Soils: Experimental and Modeling. <i>Communications in Soil Science and Plant Analysis</i> , <b>2018</b> , 49, 814-827	1.5	6
158	Competitive Removal of Ammonium-Nitrogen from Aqueous Solutions by Mineral and Organic Adsorbents. <i>Communications in Soil Science and Plant Analysis</i> , <b>2018</b> , 49, 1129-1143	1.5	3
157	Heavy Metal Release from Some Industrial Wastes: Influence of Organic and Inorganic Acids, Clay Minerals, and Nanoparticles. <i>Pedosphere</i> , <b>2018</b> , 28, 70-83	5	12
156	Contrasting Effects of Four Plant Residues on Phosphorus Sorption-Desorption in Some Phosphorus Fertilized Calcareous Soils. <i>Communications in Soil Science and Plant Analysis</i> , <b>2018</b> , 49, 1022-1031	1.5	3

155	Measuring and simulating effect of organic residues on the transport of cadmium, nickel, and zinc in a calcareous soil. <i>Journal of Geochemical Exploration</i> , <b>2018</b> , 184, 372-380	3.8	15
154	Nanoparticles and modified clays influenced distribution of heavy metals fractions in a light-textured soil amended with sewage sludges. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 343, 208-219	12.8	26
153	Effects of nanoparticles and modified clays on Cd, Cu, Ni and Zn release from sewage sludge-amended soil assessed through a kinetic study. <i>Journal of Geochemical Exploration</i> , <b>2018</b> , 192, 60-71	3.8	8
152	Background levels of some trace elements in calcareous soils of the Hamedan Province, Iran. <i>Catena</i> , <b>2018</b> , 162, 303-316	5.8	24
151	Trace element contaminants in mineral fertilizers used in Iran. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 31917-31928	5.1	11
150	Available alkalinity and N mineralization are key factors regulating soil pH value of an organically amended Iranian agricultural soil. <i>Arid Land Research and Management</i> , <b>2017</b> , 31, 140-158	1.8	5
149	Assessment risk of phosphorus leaching from calcareous soils using soil test phosphorus. <i>Chemosphere</i> , <b>2017</b> , 171, 106-117	8.4	29
148	Potential Release of Metals from Tailings and Soil at the Hamekasi Iron Mine, Hamadan, Iran. <i>Mine Water and the Environment</i> , <b>2017</b> , 36, 180-192	2.4	3
147	Minerals control phosphorus solubility in long-term-cultivated calcareous soils. <i>Soil Research</i> , <b>2017</b> , 55, 182	1.8	5
146	Adsorption of ammonium from simulated wastewater by montmorillonite nanoclay and natural vermiculite: experimental study and simulation. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 415	3.1	13
145	The Effect of Electrolyte Type and Concentration on the Release of Cd, Cu, Ni, and Zn in Some Contaminated Calcareous Soils. <i>Soil and Sediment Contamination</i> , <b>2017</b> , 26, 651-661	3.2	1
144	Sorption and desorption of potentially toxic metals (Cd, Cu, Ni and Zn) by soil amended with bentonite, calcite and zeolite as a function of pH. <i>Journal of Geochemical Exploration</i> , <b>2017</b> , 181, 148-159 <sup>3.8</sup>		59
143	Metal Extractability in Binary and Multi-metals Spiked Calcareous Soils. <i>Communications in Soil Science and Plant Analysis</i> , <b>2017</b> , 48, 1089-1104	1.5	1
142	The effect of waterlogging on electrochemical properties and soluble nutrients in paddy soils. <i>Paddy and Water Environment</i> , <b>2017</b> , 15, 443-455	1.6	9
141	The removal of boron from aqueous solutions using natural and chemically modified sorbents. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 8278-8288		13
140	Application of inverse geochemical modelling for predicting surface water chemistry in Ekbatan watershed, Hamedan, western Iran. <i>Hydrological Sciences Journal</i> , <b>2016</b> , 61, 1124-1134	3.5	6
139	Effect of some cations, anions, and organic residues on potassium leaching and fractionation in calcareous sandy loam soil. <i>Archives of Agronomy and Soil Science</i> , <b>2016</b> , 62, 19-35	2	2
138	Effect of heavy metals on pH buffering capacity and solubility of Ca, Mg, K, and P in non-spiked and heavy metal-spiked soils. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 342	3.1	23

137	Empirical and mechanistic evaluation of sodium exchange isotherms on natural mineral and organic adsorbents and organically functionalized nanoparticles. <i>International Journal of Environmental Science and Technology</i> , <b>2016</b> , 13, 1891-1916	3.3	2
136	Relation between various soil phosphorus extraction methods and sorption parameters in calcareous soils with different texture. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 1080-1093	10.2	32
135	Sorption, desorption, and speciation of Cd, Ni, and Fe by four calcareous soils as affected by pH. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 322	3.1	24
134	Sorption of aquatic phosphorus onto native and chemically-modified plant residues: modeling the isotherm and kinetics of sorption process. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 3085-3097		8
133	The combination of geostatistics and geochemical simulation for the site-specific management of soil salinity and sodicity. <i>Computers and Electronics in Agriculture</i> , <b>2016</b> , 121, 301-312	6.5	11
132	Ammonium removal from aqueous solutions by natural Iranian zeolite in the presence of organic acids, cations and anions. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 240-249	6.8	36
131	Geochemistry and background concentration of major ions in spring waters in a high-mountain area of the Hamedan (Iran). <i>Journal of Geochemical Exploration</i> , <b>2016</b> , 165, 49-61	3.8	11
130	Ammonium removal from aqueous solutions by natural Iranian zeolite in the presence of organic acids, cations and anions. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 1664-1673	6.8	34
129	Accumulation of Heavy Metals in Potatoes Grown on Calcareous Soils of the Hamedan, Western Iran. <i>Soil and Sediment Contamination</i> , <b>2016</b> , 25, 365-377	3.2	3
128	Influence of organic acids on kinetic release of chromium in soil contaminated with leather factory waste in the presence of some adsorbents. <i>Chemosphere</i> , <b>2016</b> , 155, 395-404	8.4	23
127	Cobalt sorption-desorption behavior of calcareous soils from some Iranian soils. <i>Chemie Der Erde</i> , <b>2016</b> , 76, 95-102	4.3	9
126	Effect of acid rain on the fractionation of heavy metals and major elements in contaminated soils. <i>Chemistry and Ecology</i> , <b>2015</b> , 31, 160-172	2.3	11
125	Removal of heavy metals from aqueous solutions using sunflower, potato, canola and walnut shell residues. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2015</b> , 54, 125-136	5.3	76
124	Effect of clay minerals and nanoparticles on chromium fractionation in soil contaminated with leather factory waste. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 297, 127-33	12.8	24
123	Effect of time on the sorption and distribution of phosphorus in treated soil with minerals and nanoparticles. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 8599-8608	2.9	3
122	Use of modified clays for removal of phosphorus from aqueous solutions. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 639	3.1	11
121	The effect of chemical and organic amendments on sodium exchange equilibria in a calcareous sodic soil. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 683	3.1	11
120	Effects of organic acids on cadmium and copper sorption and desorption by two calcareous soils. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 585	3.1	27

119	Reducing leachability and bioavailability of soil heavy metals using modified and bare Al <sub>2</sub> O <sub>3</sub> and ZnO nanoparticles. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 4347-4371	2.9	15
118	Heavy metals removal from aqueous solutions by Al <sub>2</sub> O <sub>3</sub> nanoparticles modified with natural and chemical modifiers. <i>Clean Technologies and Environmental Policy</i> , <b>2015</b> , 17, 85-102	4.3	57
117	Sorption of phosphorus in calcareous paddy soils of Iran: effects of soil/solution ratio and pH. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 2047-2059	2.9	10
116	Effect of nanoparticles on kinetics release and fractionation of phosphorus. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 283, 359-70	12.8	8
115	Geostatistical assessment of solid-liquid distribution coefficients (K <sub>d</sub> ) for Cd, Cu, Pb and Zn in surface soils of Hamedan, Iran. <i>Modeling Earth Systems and Environment</i> , <b>2015</b> , 1, 1	3.2	4
114	Kinetics of Potassium Release from Calcareous Soils Under Different Land Use. <i>Arid Land Research and Management</i> , <b>2014</b> , 28, 1-13	1.8	11
113	Phosphorus leaching from a sandy soil in the presence of modified and un-modified adsorbents. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 6565-76	3.1	17
112	Empirical and mechanistic evaluation of NH <sub>4</sub> (+) release kinetic in calcareous soils. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2014</b> , 66, 606-15	3.2	3
111	Nitrogen, phosphorus and sulfur mineralization as affected by soil depth in rangeland ecosystems. <i>Environmental Earth Sciences</i> , <b>2014</b> , 72, 1775-1788	2.9	11
110	Surface complexation model of boron adsorption by calcareous soils. <i>International Journal of Environmental Science and Technology</i> , <b>2014</b> , 11, 1317-1326	3.3	8
109	Effect of TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , and Fe <sub>3</sub> O <sub>4</sub> nanoparticles on phosphorus removal from aqueous solution. <i>Environmental Progress and Sustainable Energy</i> , <b>2014</b> , 33, n/a-n/a	2.5	8
108	Prediction of CEC Using Fractal Parameters by Artificial Neural Networks. <i>International Agrophysics</i> , <b>2014</b> , 28, 143-152	2	15
107	Kinetics of Cd Release from Some Contaminated Calcareous Soils. <i>Natural Resources Research</i> , <b>2013</b> , 22, 37-44	4.9	10
106	Measuring and modeling ammonium adsorption by calcareous soils. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 3191-9	3.1	26
105	Removal of phosphorus from aqueous solution by Iranian natural adsorbents. <i>Chemical Engineering Journal</i> , <b>2013</b> , 223, 328-339	14.7	85
104	SORPTION PROCESSES OF NATURAL IRANIAN BENTONITE EXCHANGED WITH CD <sub>2</sub> <sup>+</sup> , CU <sub>2</sub> <sup>+</sup> , NI <sub>2</sub> <sup>+</sup> , AND PB <sub>2</sub> <sup>+</sup> CATIONS. <i>Chemical Engineering Communications</i> , <b>2013</b> , 200, 1645-1665	2.2	9
103	Release kinetics and distribution of boron in different fractions in some calcareous soils. <i>Environmental Earth Sciences</i> , <b>2013</b> , 70, 1169-1177	2.9	6
102	Using chemical analysis and modeling to enhance the understanding of soil solution of some calcareous soils. <i>Environmental Earth Sciences</i> , <b>2013</b> , 68, 2041-2049	2.9	5



101	Hydrochemical evaluation of sodium chloride and sodium sulphate groundwater in the Kaboudar Ahang, Hamedan, western Iran. <i>Desalination and Water Treatment</i> , <b>2013</b> , 51, 5746-5754		0
100	The effects of road salt application on the accumulation and speciation of cations and anions in an urban environment. <i>Water and Environment Journal</i> , <b>2013</b> , 27, 524-534	1.7	12
99	Kinetics of Iron and Manganese Release from Contaminated Calcareous Soils. <i>Communications in Soil Science and Plant Analysis</i> , <b>2013</b> , 44, 3365-3380	1.5	6
98	Effects of cations and anions on iron and manganese sorption and desorption capacity in calcareous soils from Iran. <i>Environmental Earth Sciences</i> , <b>2013</b> , 68, 847-858	2.9	14
97	HEAVY METALS REMOVAL FROM AQUEOUS SOLUTIONS USING TiO <sub>2</sub> , MgO, AND Al <sub>2</sub> O <sub>3</sub> NANOPARTICLES. <i>Chemical Engineering Communications</i> , <b>2013</b> , 200, 448-470	2.2	167
96	Chemical fractionation of seven heavy metals (Cd, Cu, Fe, Mn, Ni, Pb, and Zn) in selected paddy soils of Iran. <i>Paddy and Water Environment</i> , <b>2013</b> , 11, 299-309	1.6	40
95	Comparative and competitive adsorption of cadmium, copper, nickel, and lead ions by Iranian natural zeolite. <i>Clean Technologies and Environmental Policy</i> , <b>2013</b> , 15, 303-316	4.3	84
94	Effect of low-molecular-weight organic acids on kinetics release and fractionation of phosphorus in some calcareous soils of western Iran. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 5471-82	3.1	38
93	Sunflower stalk, an agricultural waste, as an adsorbent for the removal of lead and cadmium from aqueous solutions. <i>Journal of Material Cycles and Waste Management</i> , <b>2013</b> , 15, 548-555	3.4	51
92	Nitrogen mineralization in two calcareous soils treated with raw organic amendments. <i>Clean Technologies and Environmental Policy</i> , <b>2013</b> , 15, 317-331	4.3	9
91	Phosphorus sorption-desorption behaviour of river bed sediments in the Abshineh river, Hamedan, Iran, related to their composition. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 537-52	3.1	42
90	Phosphorus Movement and Retention by Two Calcareous Soils. <i>Soil and Sediment Contamination</i> , <b>2013</b> , 22, 21-38	3.2	10
89	Kinetic Extractions of Nickel and Lead from Some Contaminated Calcareous Soils. <i>Soil and Sediment Contamination</i> , <b>2013</b> , 22, 56-71	3.2	16
88	Soil phosphorus forms and their variations in selected paddy soils of Iran. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 8557-65	3.1	10
87	Competitive sorption of Cd, Cu, Mn, Ni, Pb and Zn in polluted and unpolluted calcareous soils. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 8831-46	3.1	43
86	Transformation kinetics of inorganic P forms in relation to calcareous soil properties of western Iran. <i>Archives of Agronomy and Soil Science</i> , <b>2013</b> , 59, 353-366	2	1
85	Effect of common ions on copper sorption behavior in dryland calcareous soils in Iran. <i>Archives of Agronomy and Soil Science</i> , <b>2013</b> , 59, 197-212	2	3
84	Hydrochemical Characteristics and Sodification of Groundwater in the Shirin Sou, Hamedan, Western Iran. <i>Natural Resources Research</i> , <b>2012</b> , 21, 61-73	4.9	6

83	Calcium, Magnesium, Sodium, and Potassium Release during Decomposition of Some Organic Residues. <i>Communications in Soil Science and Plant Analysis</i> , <b>2012</b> , 43, 645-659	1.5	23
82	Effects of Common Ions on Zn Sorption in Some Calcareous Soils of Western Iran. <i>Pedosphere</i> , <b>2012</b> , 22, 190-200	5	9
81	Waste calcite sludge as an adsorbent for the removal of cadmium, copper, lead, and zinc from aqueous solutions. <i>Clean Technologies and Environmental Policy</i> , <b>2012</b> , 14, 845-855	4.3	46
80	Removal of heavy metals from aqueous solutions using Fe <sub>3</sub> O <sub>4</sub> , ZnO, and CuO nanoparticles <b>2012</b> , 171-188		11
79	Leaching of nitrogen from calcareous soils in western Iran: a soil leaching column study. <i>Environmental Monitoring and Assessment</i> , <b>2012</b> , 184, 7607-22	3.1	22
78	Rate of Nitrate and Ammonium Release From Organic Residues. <i>Compost Science and Utilization</i> , <b>2012</b> , 20, 222-229	1.2	8
77	Lead Distribution in Plant Residues Amended Calcareous Soils as a Function of Incubation Time. <i>Soil and Sediment Contamination</i> , <b>2012</b> , 21, 51-61	3.2	2
76	Removal of heavy metals from aqueous solutions using Fe <sub>3</sub> O <sub>4</sub> , ZnO, and CuO nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	137
75	Effect of sheep manure and EDTA on the leaching of potassium from heavy metals contaminated calcareous soils. <i>Environmental Earth Sciences</i> , <b>2012</b> , 66, 31-37	2.9	3
74	The impact of acid rain on phosphorus leaching from a sandy loam calcareous soil of western Iran. <i>Environmental Earth Sciences</i> , <b>2012</b> , 66, 311-317	2.9	20
73	Kinetics of nutrient release from different organic residues using a laboratory system. <i>Archives of Agronomy and Soil Science</i> , <b>2012</b> , 58, 1013-1031	2	6
72	Leaching of nitrogen and base cations from calcareous soil amended with organic residues. <i>Environmental Technology (United Kingdom)</i> , <b>2012</b> , 33, 1577-88	2.6	11
71	Heavy Metals (Cd, Cu, Ni, Pb, and Zn) Fractionation in River Sediments, Hamedan, Western Iran. <i>Soil and Sediment Contamination</i> , <b>2012</b> , 21, 756-767	3.2	7
70	Chemical fractionation of phosphorus in calcareous soils of Hamedan, western Iran under different land use. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2011</b> , 174, 523-531	2.3	28
69	Major Ion Chemistry of Soil Solution of Mountainous Soils, Alvand, Hamedan, Western Iran. <i>Soil and Sediment Contamination</i> , <b>2011</b> , 20, 493-508	3.2	3
68	Effect of saline-sodic solutions on column leaching of potassium from sandy soil. <i>Archives of Agronomy and Soil Science</i> , <b>2011</b> , 57, 377-390	2	2
67	Effect of Sodium and Magnesium on Kinetics of Phosphorus Release in Some Calcareous Soils of Western Iran. <i>Soil and Sediment Contamination</i> , <b>2011</b> , 20, 411-431	3.2	4
66	Comparison of Potassium Release of Organic Residues in Five Calcareous Soils of Western Iran in Laboratory Incubation Test. <i>Arid Land Research and Management</i> , <b>2011</b> , 25, 101-115	1.8	6



65	Effects of plant residues and calcite amendments on soil sodicity. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2011</b> , 174, 874-883	2.3	7
64	Distribution and fractionation of cadmium, copper, lead, nickel, and zinc in a calcareous sandy soil receiving municipal solid waste. <i>Environmental Monitoring and Assessment</i> , <b>2011</b> , 173, 241-50	3.1	25
63	Hydrogeochemistry of Groundwater and Its Suitability for Drinking and Agricultural Use in Nahavand, Western Iran. <i>Natural Resources Research</i> , <b>2011</b> , 20, 65-73	4.9	18
62	Nitrate pollution of groundwater in Toyserkan, western Iran. <i>Environmental Earth Sciences</i> , <b>2011</b> , 62, 907-913	2.9	69
61	Effect of addition of organic residues on phosphorus release kinetics in some calcareous soils of western Iran. <i>Environmental Earth Sciences</i> , <b>2011</b> , 62, 1143-1150	2.9	12
60	Competitive adsorption of trace elements in calcareous soils as affected by sewage sludge, poultry manure, and municipal waste compost. <i>Environmental Earth Sciences</i> , <b>2011</b> , 63, 731-739	2.9	10
59	Kinetics of phosphorus release from calcareous soils under different land use in Iran. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2011</b> , 174, 38-46	2.3	23
58	Cadmium distribution in plant residues amended calcareous soils as a function of incubation time. <i>Archives of Agronomy and Soil Science</i> , <b>2011</b> , 57, 137-148	2	4
57	The Impacts of Common Ions and Electrolyte Concentration on the Release of P from Some Calcareous Soils. <i>Arid Land Research and Management</i> , <b>2011</b> , 25, 217-233	1.8	1
56	Phosphorus leaching in a calcareous soil treated with plant residues and inorganic fertilizer. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2011</b> , 174, 220-228	2.3	9
55	Phosphorus Fractionation in River Sediments, Hamadan, Western Iran. <i>Soil and Sediment Contamination</i> , <b>2010</b> , 19, 560-572	3.2	10
54	Aging effects on phosphorus transformation rate and fractionation in some calcareous soils. <i>Geoderma</i> , <b>2010</b> , 155, 101-106	6.7	53
53	Multivariate Statistical Analysis of Potassium Status in Agricultural Soils in Hamadan, Western Iran. <i>Pedosphere</i> , <b>2010</b> , 20, 293-303	5	2
52	Application of multivariate analysis to study water chemistry of groundwater in a semi-arid aquifer, Malayer, western Iran. <i>Desalination and Water Treatment</i> , <b>2010</b> , 19, 307-317		13
51	Redistribution of cadmium, copper, lead, nickel, and zinc among soil fractions in a contaminated calcareous soil after application of nitrogen fertilizers. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2010</b> , 173, 237-244	2.3	7
50	Leaching of heavy metals and nutrients from calcareous sandy-loam soil receiving municipal solid sewage sludge. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2010</b> , 173, 407-416	2.3	13
49	Groundwater geochemistry in the Alisadr, Hamadan, western Iran. <i>Environmental Monitoring and Assessment</i> , <b>2010</b> , 166, 359-69	3.1	25
48	Rates of decomposition and phosphorus release from organic residues related to residue composition. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2009</b> , 172, 353-359	2.3	43

47	Phosphorus Availability as Influenced by Organic Residues in Five Calcareous Soils. <i>Compost Science and Utilization</i> , <b>2009</b> , 17, 241-246	1.2	11
46	Evaluation of phosphorus leaching from contaminated calcareous soils due to the application of sheep manure and ethylenediamine tetraacetic acid. <i>Environmental Earth Sciences</i> , <b>2009</b> , 59, 441-448	2.9	10
45	Geochemistry characterization of groundwater in an agricultural area of Razan, Hamadan, Iran. <i>Environmental Geology</i> , <b>2009</b> , 56, 1479-1488		105
44	Potassium leaching in undisturbed soil cores following surface applications of gypsum. <i>Environmental Geology</i> , <b>2009</b> , 57, 41-48		12
43	Phosphorous concentration, solubility and species in the groundwater in a semi-arid basin, southern Malayer, western Iran. <i>Environmental Geology</i> , <b>2009</b> , 57, 1011-1020		42
42	Effects of sodic water on soil sodicity and nutrient leaching in poultry and sheep manure amended soils. <i>Geoderma</i> , <b>2009</b> , 153, 194-204	6.7	61
41	Effects of the Addition of Phosphorus on the Redistribution of Cadmium, Copper, Lead, Nickel, and Zinc Among Soil Fractions in Contaminated Calcareous Soil. <i>Soil and Sediment Contamination</i> , <b>2009</b> , 19, 88-102	3.2	12
40	Effect of Irrigation Water Quality on the Leaching and Desorption of Phosphorous from Soil. <i>Soil and Sediment Contamination</i> , <b>2009</b> , 18, 576-589	3.2	18
39	Effects of wastewater irrigation on soil sodicity and nutrient leaching in calcareous soils. <i>Agricultural Water Management</i> , <b>2008</b> , 95, 143-153	5.9	66
38	Effect of aging process on the fractionation of heavy metals in some calcareous soils of Iran. <i>Geoderma</i> , <b>2008</b> , 143, 26-40	6.7	128
37	Effect of sodium and magnesium on kinetics of potassium release in some calcareous soils of western Iran. <i>Geoderma</i> , <b>2008</b> , 145, 207-215	6.7	39
36	Cadmium Availability in Calcareous Soils of Agricultural Lands in Hamadan, Western Iran. <i>Soil and Sediment Contamination</i> , <b>2008</b> , 17, 256-268	3.2	18
35	Evaluation of Extractants and Quantity-Intensity Relationship for Estimation of Available Potassium in Some Calcareous Soils of Western Iran. <i>Communications in Soil Science and Plant Analysis</i> , <b>2008</b> , 39, 2663-2677	1.5	9
34	Concentrations and chemical speciation of five heavy metals (Zn, Cd, Ni, Cu, and Pb) in selected agricultural calcareous soils of Hamadan Province, western Iran. <i>Archives of Agronomy and Soil Science</i> , <b>2008</b> , 54, 19-32	2	32
33	Nitrate concentrations in some vegetables and soils in Hamadan, western Iran. <i>Archives of Agronomy and Soil Science</i> , <b>2008</b> , 54, 569-583	2	10
32	Ability of sorption-desorption experiments to predict potassium leaching from calcareous soils. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2008</b> , 171, 785-794	2.3	9
31	Redistribution of zinc, cadmium, and lead among soil fractions in a sandy calcareous soil due to application of poultry litter. <i>Environmental Monitoring and Assessment</i> , <b>2008</b> , 136, 327-35	3.1	13
30	Groundwater quality in an irrigated, agricultural area of northern Malayer, western Iran. <i>Nutrient Cycling in Agroecosystems</i> , <b>2008</b> , 80, 95-105	3.3	23

29	Effects of poor quality irrigation waters on the nutrient leaching and groundwater quality from sandy soil. <i>Environmental Geology</i> , <b>2008</b> , 53, 1289-1298		30
28	Major ion chemistry of groundwaters in the Damagh area, Hamadan, western Iran. <i>Environmental Geology</i> , <b>2008</b> , 54, 87-93		13
27	Prediction leaching of potassium using the convective-dispersive and the convective log-normal transfer function models. <i>Environmental Geology</i> , <b>2008</b> , 55, 863-874		3
26	Environmental contamination of Zn, Cd, Ni, Cu, and Pb from industrial areas in Hamadan Province, western Iran. <i>Environmental Geology</i> , <b>2008</b> , 55, 1537-1543		32
25	A Study of the Quantity/Intensity Relationships of Potassium in Some Calcareous Soils of Iran. <i>Arid Land Research and Management</i> , <b>2007</b> , 21, 133-141	1.8	23
24	Redistribution of fractions of zinc, cadmium, nickel, copper, and lead in contaminated calcareous soils treated with EDTA. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2007</b> , 53, 519-32	3.2	13
23	Salinization of groundwater in arid and semi-arid zones: an example from Tajarak, western Iran. <i>Environmental Geology</i> , <b>2007</b> , 52, 1133-1149		128
22	Phosphorus status and sorption characteristics of some calcareous soils of Hamadan, western Iran. <i>Environmental Geology</i> , <b>2007</b> , 53, 365-374		51
21	Site-specific potassium application based on the fertilizer potassium availability index of soil. <i>Precision Agriculture</i> , <b>2007</b> , 8, 199-211	5.6	11
20	Assessment of the chemical components of Famenin groundwater, western Iran. <i>Environmental Geochemistry and Health</i> , <b>2007</b> , 29, 357-74	4.7	33
19	Hydrochemical identification of groundwater resources and their changes under the impacts of human activity in the Chah basin in western Iran. <i>Environmental Monitoring and Assessment</i> , <b>2007</b> , 130, 347-64	3.1	81
18	Redistribution of fractions of zinc, cadmium and lead in calcareous soils treated with EDTA. <i>Archives of Agronomy and Soil Science</i> , <b>2007</b> , 53, 147-160	2	5
17	Short-term potassium release and fixation in some calcareous soils. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2007</b> , 170, 530-537	2.3	18
16	Spatial variability in potassium release among calcareous soils of western Iran. <i>Geoderma</i> , <b>2007</b> , 140, 42-51	6.7	23
15	Competitive adsorption of trace elements in calcareous soils of western Iran. <i>Geoderma</i> , <b>2007</b> , 140, 156-163	6.3	69
14	Effect of water quality on the leaching of potassium from sandy soil. <i>Journal of Arid Environments</i> , <b>2007</b> , 68, 624-639	2.5	81
13	Leaching of Zinc, Cadmium, and Lead in a Sandy Soil Due to Application of Poultry Litter. <i>Soil and Sediment Contamination</i> , <b>2007</b> , 16, 47-60	3.2	25
12	Chemical characteristics of groundwater in parts of mountainous region, Alvand, Hamadan, Iran. <i>Environmental Geology</i> , <b>2006</b> , 51, 433-446		65

11	Kinetics of nonexchangeable-potassium release and plant response in some calcareous soils. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2006</b> , 169, 196-204	2.3	49
10	Mobility and Distribution of Zinc, Cadmium and Lead in Calcareous Soils Receiving Spiked Sewage Sludge. <i>Soil and Sediment Contamination</i> , <b>2006</b> , 15, 603-620	3.2	20
9	Soil phosphorous buffer coefficient as influenced by time and rate of P addition. <i>Archives of Agronomy and Soil Science</i> , <b>2006</b> , 52, 269-279	2	20
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7	Kinetics of non-exchangeable potassium release and availability in some calcareous soils of western Iran. <i>Geoderma</i> , <b>2006</b> , 135, 63-71	6.7	68
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4	Release Kinetics of Nonexchangeable Potassium in Calcareous Soils. <i>Communications in Soil Science and Plant Analysis</i> , <b>2005</b> , 36, 1903-1917	1.5	46
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