Faruk Djodjic

List of Publications by Year
in descending order

41 papers	1,560 citations	411340 20 h-index	340414 39 g-index
41 all docs	41 docs citations	41 times ranked	1726 citing authors

#	Article	IF	Citations
1	How effective are River Basin Management Plans in reaching the nutrient load reduction targets?. Ambio, 2021, 50, 706-722.	2.8	16
2	Variability in fluvial suspended and streambed sediment phosphorus fractions among small agricultural streams. Journal of Environmental Quality, 2021, 50, 612-626.	1.0	3
3	Land use, geology and soil properties control nutrient concentrations in headwater streams. Science of the Total Environment, 2021, 772, 145108.	3.9	25
4	Particulate phosphorus and suspended solids losses from small agricultural catchments: Links to stream and catchment characteristics. Science of the Total Environment, 2020, 711, 134616.	3.9	39
5	Soil properties currently limiting crop yields in Swedish agriculture â€" An analysis of 90 yield survey districts and 10 long-term field experiments. European Journal of Agronomy, 2020, 120, 126132.	1.9	13
6	Optimizing placement of constructed wetlands at landscape scale in order to reduce phosphorus losses. Ambio, 2020, 49, 1797-1807.	2.8	7
7	Hydrologic Extremes and Legacy Sources Can Override Efforts to Mitigate Nutrient and Sediment Losses at the Catchment Scale. Journal of Environmental Quality, 2019, 48, 1314-1324.	1.0	22
8	A Global Perspective on Phosphorus Management Decision Support in Agriculture: Lessons Learned and Future Directions. Journal of Environmental Quality, 2019, 48, 1218-1233.	1.0	22
9	From single fields to river basins: Identification of critical source areas for erosion and phosphorus losses at high resolution. Ambio, 2019, 48, 1129-1142.	2.8	16
10	Targeting critical source areas for phosphorus losses: Evaluation with soil testing, farmersâ€™ assessment and modelling. Ambio, 2018, 47, 45-56.	2.8	11
11	Challenges of Reducing Phosphorus Based Water Eutrophication in the Agricultural Landscapes of Northwest Europe. Frontiers in Marine Science, 2018, 5, .	1.2	91
12	A sub-field scale critical source area index for legacy phosphorus management using high resolution data. Agriculture, Ecosystems and Environment, 2016, 233, 238-252.	2.5	40
13	Turnover and Losses of Phosphorus in Swedish Agricultural Soils: Long-Term Changes, Leaching Trends, and Mitigation Measures. Journal of Environmental Quality, 2015, 44, 512-523.	1.0	76
14	The Role of Subsoil as a Source or Sink for Phosphorus Leaching. Journal of Environmental Quality, 2015, 44, 535-544.	1.0	45
15	Future agriculture with minimized phosphorus losses to waters: Research needs and direction. Ambio, 2015, 44, 163-179.	2.8	210
16	Distributed, high-resolution modelling of critical source areas for erosion and phosphorus losses. Ambio, 2015, 44, 241-251.	2.8	29
17	Screening risk areas for sediment and phosphorus losses to improve placement of mitigation measures. Ambio, 2015, 44, 612-623.	2.8	8
18	Soil dispersion tests combined with topographical information can describe fieldâ€scale sediment and phosphorus losses. Soil Use and Management, 2014, 30, 342-350.	2.6	10

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19	Identification and quantification of organic phosphorus forms in soils from fertility experiments. Soil Use and Management, 2013, 29, 24-35.	2.6	68
20	Changes in plantâ€available and easily soluble phosphorus within 1â€ƒyear after P amendment. Soil Use and Management, 2013, 29, 45-54.	2.6	14
21	Topsoil and Subsoil Properties Influence Phosphorus Leaching from Four Agricultural Soils. Journal of Environmental Quality, 2013, 42, 455-463.	1.0	103
22	Identification of critical source areas for erosion and phosphorus losses in small agricultural catchment in central Sweden. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2012, 62, 229-240.	0.3	3
23	Long-term temporal dynamics and trends of particle-bound phosphorus and nitrate in agricultural stream waters. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2012, 62, 217-228.	0.3	4
24	Assessing soil erodibility and mobilization of phosphorus from Swedish clay soils â€“ Comparison of two simple soil dispersion methods. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2012, 62, 260-269.	0.3	3
25	Barium as a Potential Indicator of Phosphorus in Agricultural Runoff. Journal of Environmental Quality, 2012, 41, 208-216.	1.0	8
26	The need for an improved risk index for phosphorus losses to water from tile-drained agricultural land. Journal of Hydrology, 2011, 400, 234-243.	2.3	20
27	Process Based Modelling of Phosphorus Losses from Arable Land. Ambio, 2010, 39, 100-115.	2.8	14
28	Review of indexing tools for identifying high risk areas of phosphorus loss in Nordic catchments. Journal of Hydrology, 2008, 349, 68-87.	2.3	61
29	Scaling issues in sustainable management of nutrient losses. Soil Use and Management, 2005, 21, 160-166.	2.6	12
30	Phosphorus losses from arable fields in Sweden?effects of field-specific factors and long-term trends. Environmental Monitoring and Assessment, 2005, 102, 103-117.	1.3	36
31	Conditional Phosphorus Index as an Educational Tool for Risk Assessment and Phosphorus Management. Ambio, 2005, 34, 296-300.	2.8	25
32	Phosphorus management in balanced agricultural systems. Soil Use and Management, 2005, 21, 94-101.	2.6	6
33	Conditional phosphorus index as an educational tool for risk assessment and phosphorus management. Ambio, 2005, 34, 296-300.	2.8	9
34	Phosphorus Leaching in Relation to Soil Type and Soil Phosphorus Content. Journal of Environmental Quality, 2004, 33, 678-684.	1.0	243
35	Phosphorus Leaching in Relation to Soil Type and Soil Phosphorus Content. Journal of Environmental Quality, 2004, 33, 678.	1.0	56
36	A Decision Support System for Phosphorus Management at a Watershed Scale. Journal of Environmental Quality, 2002, 31, 937.	1.0	26

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37	A Decision Support System for Phosphorus Management at a Watershed Scale. Journal of Environmental Quality, 2002, 31, 937-945.	1.0	34
38	Temporal and spatial variations of phosphorus losses and drainage in a structured clay soil. Water Research, 2000, 34, 1687-1695.	5.3	49
39	Mode of Transport of Surfaceâ€Applied Phosphorusâ€33 through a Clay and Sandy Soil. Journal of Environmental Quality, 1999, 28, 1273-1282.	1.0	82
40	Are tillage practices and incorporation of phosphorus fertilizers ways to reduce phosphorus losses caused by preferential flow?. , 0, , .		0
41	Factors affecting the Significance of Macropore Flow for Leaching of Agrochemicals. , 0, , .		1