

# Otto R Stein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10680152/publications.pdf>

Version: 2024-02-01

16  
papers

1,550  
citations

623734

14  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial processes influencing performance of treatment wetlands: A review. Ecological Engineering, 2009, 35, 987-1004.	3.6	629
2	Predicting head cut erosion and migration in concentrated flows typical of upland areas. Water Resources Research, 2002, 38, 39-1-39-15.	4.2	133
3	Temperature and Wetland Plant Species Effects on Wastewater Treatment and Root Zone Oxidation. Journal of Environmental Quality, 2002, 31, 1010-1016.	2.0	123
4	Temperature, Plants, and Oxygen: How Does Season Affect Constructed Wetland Performance?. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 1331-1342.	1.7	113
5	Seasonal influence on sulfate reduction and zinc sequestration in subsurface treatment wetlands. Water Research, 2007, 41, 3440-3448.	11.3	97
6	Seasonal effects of 19 plant species on COD removal in subsurface treatment wetland microcosms. Ecological Engineering, 2011, 37, 703-710.	3.6	87
7	Influence of Season and Plant Species on the Abundance and Diversity of Sulfate Reducing Bacteria and Ammonia Oxidizing Bacteria in Constructed Wetland Microcosms. Microbial Ecology, 2013, 65, 111-127.	2.8	66
8	Effects of constructed wetland design on ibuprofen removal – A mesocosm scale study. Science of the Total Environment, 2017, 609, 38-45.	8.0	64
9	Plant species and temperature effects on the k <sub>1</sub> first-order model for COD removal in batch-loaded SSF wetlands. Ecological Engineering, 2006, 26, 100-112.	3.6	61
10	Experiments and modeling of head cut migration in stratified soils. Water Resources Research, 2002, 38, 20-1-20-12.	4.2	57
11	Simulation of carbon, nitrogen and sulphur conversion in batch-operated experimental wetland mesocosms. Ecological Engineering, 2012, 42, 304-315.	3.6	42
12	Evapotranspiration Crop Coefficients for Cattail and Bulrush. Journal of Hydrologic Engineering - ASCE, 2004, 9, 235-239.	1.9	19
13	Ammonium Removal in Constructed Wetland Microcosms as Influenced by Season and Organic Carbon Load. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2005, 40, 1109-1121.	1.7	19
14	Polar organic solvent removal in microcosm constructed wetlands. Water Research, 2005, 39, 4040-4050.	11.3	19
15	Simulation of batch-operated experimental wetland mesocosms in AQUASIM biofilm reactor compartment. Journal of Environmental Management, 2014, 134, 100-108.	7.8	11
16	Sulfur Cycling in Constructed Wetlands. , 2008, , 329-344.		10