

# Kyle Kem Murray

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

789  
citations

933447

10  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prioritizing research for trace pollutants and emerging contaminants in the freshwater environment. <i>Environmental Pollution</i> , 2010, 158, 3462-3471.	7.5	477
2	State-Scale Perspective on Water Use and Production Associated with Oil and Gas Operations, Oklahoma, U.S.. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4918-4925.	10.0	82
3	Managing Basin-Scale Fluid Budgets to Reduce Injection-Induced Seismicity from the Recent U.S. Shale Oil Revolution. <i>Seismological Research Letters</i> , 2019, 90, 171-182.	1.9	40
4	A Subregional-Scale Method to Assess Aquifer Vulnerability to Pesticides. <i>Ground Water</i> , 2002, 40, 361-367.	1.3	29
5	Poroelastic Properties of the Arbuckle Group in Oklahoma Derived from Well Fluid Level Response to the 3 September 2016 M <sub>w</sub> 5.8 Pawnee and 7 November 2016 M <sub>w</sub> 5.0 Cushing Earthquakes. <i>Seismological Research Letters</i> , 2017, 88, 963-970.	1.9	29
6	Multiscale Analysis of Spatiotemporal Relationship Between Injection and Seismicity in Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8711-8731.	3.4	16
7	Biomass production and nutrient uptake by <i>Neochloris oleoabundans</i> in an open trough system. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 89-95.	3.6	13
8	Watershed-Scale Impacts of Nitrogen from On-Site Wastewater Systems: Parameter Sensitivity and Model Calibration. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 926-938.	1.4	12
9	Comment on "How will induced seismicity in Oklahoma respond to decreased saltwater injection rates?" by C. Langenbruch and M. D. Zoback. <i>Science Advances</i> , 2017, 3, e1700441.	10.3	12
10	Model Evaluation of Potential Impacts of On-Site Wastewater Systems on Phosphorus in Turkey Creek Watershed. <i>Journal of Environmental Quality</i> , 2010, 39, 1636-1646.	2.0	11
11	Assessment of oxidative and UV-C treatments for inactivating bacterial biofilms from groundwater wells. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 39-49.	6.0	11
12	Development and Application of a Regional-Scale Pesticide Transport and Groundwater Vulnerability Model. <i>Environmental and Engineering Geoscience</i> , 2005, 11, 271-284.	0.9	10
13	Sorption behavior of a synthetic antioxidant, polycyclic musk, and an organophosphate insecticide in wastewater sludge. <i>Water Science and Technology</i> , 2009, 60, 145-154.	2.5	10
14	Productivity, carbon utilization, and energy content of mass in scalable microalgae systems. <i>Bioresource Technology</i> , 2012, 114, 499-506.	9.6	10
15	GIS-based geospatial infrastructure of water resource assessment for supporting oil shale development in Piceance Basin of Northwestern Colorado. <i>Computers and Geosciences</i> , 2015, 77, 44-53.	4.2	9
16	Evaluation of NRCS curve number and MODIS time-series proxies for antecedent moisture condition. <i>Civil Engineering and Environmental Systems</i> , 2009, 26, 85-101.	0.9	3
17	Multi-observation well aquifer test case study: is recovery coincident with the cessation of pumping?. <i>Environmental Earth Sciences</i> , 2013, 68, 1955-1965.	2.7	2
18	Evaluation of Media and Nitrogen:Phosphorous Ratios for Optimal Growth of Biotechnologically Important Unicellular Microalgae. <i>American Journal of Biomass and Bioenergy</i> , 0, , .	0.0	0