

# David M Olszyk

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

725  
citations

623734

14  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of oxidative stress defense systems in rice ( <i>Oryza sativa</i> ) leaves with supplemental UV-B radiation. <i>Physiologia Plantarum</i> , 1997, 101, 301-308.	5.2	145
2	A Versatile Sunlit Controlled-Environment Facility for Studying Plant and Soil Processes. <i>Journal of Environmental Quality</i> , 1996, 25, 614-625.	2.0	84
3	Monoterpene levels in needles of Douglas fir exposed to elevated CO <sub>2</sub> and temperature. <i>Physiologia Plantarum</i> , 2003, 117, 352-358.	5.2	67
4	Elevated CO <sub>2</sub> and temperature alter nitrogen allocation in Douglas-fir. <i>Global Change Biology</i> , 2003, 9, 1038-1050.	9.5	67
5	Whole-seedling biomass allocation, leaf area, and tissue chemistry for Douglas-fir exposed to elevated CO <sub>2</sub> and temperature for 4 years. <i>Canadian Journal of Forest Research</i> , 2003, 33, 269-278.	1.7	56
6	The effects of glyphosate and aminopyralid on a multi-species plant field trial. <i>Ecotoxicology</i> , 2012, 21, 1771-1787.	2.4	29
7	USING A GEOGRAPHIC INFORMATION SYSTEM TO IDENTIFY AREAS WITH POTENTIAL FOR OFF-TARGET PESTICIDE EXPOSURE. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2250.	4.3	25
8	Selecting and evaluating native plants for region-specific phytotoxicity testing. <i>Integrated Environmental Assessment and Management</i> , 2008, 4, 105-117.	2.9	23
9	Glyphosate and dicamba herbicide tank mixture effects on native plant and non-genetically engineered soybean seedlings. <i>Ecotoxicology</i> , 2015, 24, 1014-1027.	2.4	20
10	A framework for optimizing hydrologic performance of green roof media. <i>Ecological Engineering</i> , 2019, 140, 105589.	3.6	20
11	Supplemental Ultraviolet-B Radiation Does Not Reduce Growth or Grain Yield in Rice. <i>Agronomy Journal</i> , 1997, 89, 793-799.	1.8	16
12	Morphogenesis of Douglas fir buds is altered at elevated temperature but not at elevated CO <sub>2</sub> . Official disclaimer: The information in this document has been funded wholly (or in part) by the US Environmental Protection Agency. It has been subjected to the Agency's peer and administrative review, and it has been approved for publication as an EPA document. Mention of trade names or commercial products does not constitute endorsement of recommendation for use.1. <i>Environmental and Experimental Botany</i> , 1998, 40, 159-172.	4.2	16
13	Xeromorphy increases in shoots of <i>Pseudotsuga menziesii</i> (Mirb.) Franco seedlings with exposure to elevated temperature but not elevated CO <sub>2</sub> . <i>Trees - Structure and Function</i> , 2005, 19, 552-563.	1.9	16
14	Pea ( <i>Pisum sativum</i> ) seed production as an assay for reproductive effects due to herbicides. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1920-1929.	4.3	15
15	Assessing the Risks to Non-Target Terrestrial Plants from Herbicides. <i>J Agricultural Meteorology</i> , 2004, 60, 221-242.	1.5	14
16	Effects of low levels of herbicides on prairie species of the Willamette Valley, Oregon. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2542-2551.	4.3	14
17	A rapid-test for screening biochar effects on seed germination. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 2025-2041.	1.4	14
18	Effects of Low Concentrations of Herbicides on Full-Season, Field-Crown Potatoes. <i>Journal of Environmental Quality</i> , 2008, 37, 2070-2082.	2.0	13

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19	Comparing effects of low levels of herbicides on greenhouse and field-grown potatoes ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Ov Toxicology and Chemistry, 2011, 30, 455-468.	4.3	12
20	Phytotoxicity assay for seed production using <i>Brassica rapa</i> L.. Integrated Environmental Assessment and Management, 2010, 6, 725-734.	2.9	11
21	Plant reproduction is altered by simulated herbicide drift to constructed plant communities. Environmental Toxicology and Chemistry, 2017, 36, 2799-2813.	4.3	11
22	Potato ( <i>Solanum tuberosum</i> ) greenhouse tuber production as an assay for asexual reproduction effects from herbicides. Environmental Toxicology and Chemistry, 2010, 29, 111-121.	4.3	9
23	Biochar affects growth and shoot nitrogen in four crops for two soils. , 2020, 3, e20067.		8
24	Internal temperature of Douglas-fir buds is altered at elevated temperature. Environmental and Experimental Botany, 1999, 41, 25-30.	4.2	6
25	Effects of single and multiple applications of glyphosate or aminopyralid on simple constructed plant communities. Environmental Toxicology and Chemistry, 2014, 33, 2368-2378.	4.3	6
26	Biochar Affects Essential Nutrients of Carrot Taproots and Lettuce Leaves. Hortscience: A Publication of the American Society for Horticultural Science, 2020, 55, 261-271.	1.0	5
27	Can Artificial Soil be Used in the Vegetative Vigor Test for US Pesticide Registration. Integrated Environmental Assessment and Management, 2008, 4, 409.	2.9	3