

# Bradley K Fritz

## List of Publications by Year in descending order

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19  
papers

293  
citations

1307594

7  
h-index

1720034

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g-index

19  
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19  
docs citations

19  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Herbicide Active Ingredient, Nozzle Type, Orifice Size, Spray Pressure, and Carrier Volume Rate on Spray Droplet Size Characteristics. <i>Weed Technology</i> , 2015, 29, 298-310.	0.9	80
2	Spray droplet size and carrier volume effect on dicamba and glufosinate efficacy. <i>Pest Management Science</i> , 2018, 74, 2020-2029.	3.4	57
3	Droplet size and nozzle tip pressure from a pulse-width modulation sprayer. <i>Biosystems Engineering</i> , 2019, 178, 52-69.	4.3	50
4	COMPARISON OF DROP SIZE DATA FROM GROUND AND AERIAL APPLICATION NOZZLES AT THREE TESTING LABORATORIES. <i>Atomization and Sprays</i> , 2014, 24, 181-192.	0.8	32
5	Western corn rootworm pyrethroid resistance confirmed by aerial application simulations of commercial insecticides. <i>Scientific Reports</i> , 2019, 9, 6713.	3.3	24
6	Field Scale Evaluation of Spray Drift Reduction Technologies from Ground and Aerial Application Systems. <i>Journal of ASTM International</i> , 2011, 8, 1-11.	0.2	15
7	Particle drift potential of glyphosate plus 2,4-D choline pre-mixture formulation in a low-speed wind tunnel. <i>Weed Technology</i> , 2020, 34, 520-527.	0.9	11
8	Effects of Formulated Glyphosate and Adjuvant Tank Mixes on Atomization from Aerial Application Flat Fan Nozzles. , 2013, , 80-95.		4
9	Effects of Nozzle Spray Angle on Droplet Size and Velocity. , 2014, , 139-150.		4
10	A Fluorescent Tracer Method for Evaluating Spray Transport and Fate of Field and Laboratory Spray Applications. , 2011, , 125-137.		3
11	Influence of Nozzle Type, Speed, and Pressure on Droplet Size and Weed Control from Glyphosate, Dicamba, and Glyphosate Plus Dicamba. , 2018, , 61-75.		3
12	Response Surface Method for Evaluation of the Performance of Agricultural Application Spray Nozzles. , 2016, , 61-76.		3
13	Mass Balance and Swath Displacement Evaluations from Agricultural Application Field Trials. , 2018, , 11-23.		2
14	The Effect of Adjuvants at High Spray Pressures for Aerial Applications. , 2016, , 133-148.		2
15	Determining Water-Sensitive Card Spread Factors for Real-World Tank Mixes. , 2018, , 12-21.		2
16	Nonlinear Derivation of Spread Factor Due to Viscous Energy Losses. , 2018, , 53-60.		1
17	Examining Aerial Application Swath Pattern Evaluations under In-Wind and Cross-Wind Conditions. , 2019, , 24-38.		0
18	Measurement and Analysis Methods for Determination of Effective Swath Width from Unmanned Aerial Vehicles. , 2020, , 62-85.		0

#	ARTICLE	IF	CITATIONS
19	Spray drift potential of dicamba plus S-metolachlor formulations. Pest Management Science, 2021, , .	3.4	0