Philip J Bauer

List of Publications by Year
in descending order

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42 papers	1,314 citations	361413 20 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	1477 citing authors

#	Article	IF	Citations
1	Droughtâ€Stress Effects on Branch and Mainstem Seed Yield and Yield Components of Determinate Soybean. Crop Science, 2001, 41, 759-763.	1.8	167
2	Identification of the family of aquaporin genes and their expression in upland cotton (Gossypium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	159
3	Spatial Scale Requirements for Precision Farming: A Case Study in the Southeastern USA. Agronomy Journal, 1998, 90, 191-197.	1.8	84
4	Variability in Cotton Fiber Yield, Fiber Quality, and Soil Properties in a Southeastern Coastal Plain. Agronomy Journal, 2002, 94, 1305-1316.	1.8	75
5	Soil CO2 flux from a norfolk loamy sand after 25 years of conventional and conservation tillage. Soil and Tillage Research, 2006, 90, 205-211.	5.6	74
6	Comparative Investigation of Fourier Transform Infrared (FT-IR) Spectroscopy and X-ray Diffraction (XRD) in the Determination of Cotton Fiber Crystallinity. Applied Spectroscopy, 2012, 66, 983-986.	2.2	72
7	Genome-wide identification of differentially expressed genes under water deficit stress in upland cotton (Gossypium hirsutum L.). BMC Plant Biology, 2012, 12, 90.	3.6	62
8	Tillage Management for Doublecropped Soybean Grown in Narrow and Wide Row Width Culture. Crop Science, 1998, 38, 755-762.	1.8	60
9	Winter Cover and Tillage Influences on Coastal Plain Cotton Production. Journal of Production Agriculture, 1996, 9, 50-54.	0.4	57
10	RNA-Seq Transcriptome Profiling of Upland Cotton (Gossypium hirsutum L.) Root Tissue under Water-Deficit Stress. PLoS ONE, 2013, 8, e82634.	2.5	53
11	A Comparison of Winter Cereal Species and Planting Dates as Residue Cover for Cotton Grown with Conservation Tillage. Crop Science, 1999, 39, 1824-1830.	1.8	41
12	Agronomic Effectiveness of Calcium Phosphate Recovered from Liquid Swine Manure. Agronomy Journal, 2007, 99, 1352-1356.	1.8	40
13	Canopy Photosynthesis and Fiber Properties of Normalâ€•and Lateâ€Planted Cotton. Agronomy Journal, 2000, 92, 518-523.	1.8	37
14	Tillage effect on nutrient stratification in narrow- and wide-row cropping systems. Soil and Tillage Research, 2002, 66, 175-182.	5.6	33
15	Applications of AFIS Fineness and Maturity Module and X-Ray Fluorescence Spectroscopy in Fiber Maturity Evaluation. Textile Reseach Journal, 1996, 66, 545-554.	2.2	29
16	Nitrogen, Aldicarb, and Cover Crop Effects on Cotton Yield and Fiber Properties. Agronomy Journal, 2004, 96, 369-376.	1.8	27
17	Planting Date and Potassium Fertility Effects on Cotton Yield and Fiber Properties. Journal of Production Agriculture, 1998, 11, 415-420.	0.4	25
18	Siteâ€Specific Analysis of a Droughted Corn Crop: I. Growth and Grain Yield. Agronomy Journal, 2000, 92, 395-402.	1.8	24

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19	Utilization of summer legumes as bioenergy feedstocks. Biomass and Bioenergy, 2010, 34, 1961-1967.	5.7	24
20	Conservation cotton production in the southern United States: herbicide dissipation in soil and cover crops. Weed Science, 2005, 53, 717-727.	1.5	22
21	Winter Wheat Responses to Surface and Deep Tillage on the Southeastern Coastal Plain. Agronomy Journal, 1996, 88, 829-833.	1.8	21
22	Tillage Effects on Canopy Position Specific Cotton Fiber Properties on Two Soils. Crop Science, 2005, 45, 698-703.	1.8	13
23	Fertilizer Effectiveness of Phosphorus Recovered from Broiler Litter. Agronomy Journal, 2010, 102, 723-727.	1.8	13
24	Vertical distribution of phosphorus in a sandy soil fertilized with recovered manure phosphates. Journal of Soils and Sediments, 2012, 12, 334-340.	3.0	13
25	Cotton Responses to Tillage and Rotation during the Turn of the Century Drought. Agronomy Journal, 2010, 102, 1145-1148.	1.8	12
26	Fertilizer Efficacy of Poultry Litter Ash Blended with Lime or Gypsum as Fillers. Environments - MDPI, 2019, 6, 50.	3.3	10
27	Grain Yield and Yield Components of Doublecropped Winter Wheat as Affected by Wheat and Previous Soybean Production Practices. Crop Science, 2001, 41, 778-784.	1.8	9
28	Irrigation and cultivar effect on flax fiber and seed yield in the Southeast USA. Industrial Crops and Products, 2015, 67, 7-10.	5.2	9
29	Spatial Distributions of Thrips (Thysanoptera: Thripidae) in Cotton. Journal of Insect Science, 2019, 19, .	1.5	9
30	Stability of Spatial Distributions of Stink Bugs, Boll Injury, and NDVI in Cotton. Environmental Entomology, 2016, 45, 1243-1254.	1.4	7
31	Evaluation of F 2 Genotypes of Cotton for Conservation Tillage. Crop Science, 1996, 36, 655-658.	1.8	6
32	Nitrogen leaching in paperâ€amended soil columns. Communications in Soil Science and Plant Analysis, 1999, 30, 293-306.	1.4	5
33	Irrigated Cotton Grown on Sierozem Soils in South Kazakhstan. Communications in Soil Science and Plant Analysis, 2013, 44, 3391-3399.	1.4	4
34	Intermittent Shade Effect on Gas Exchange of Cotton Leaves in the Humid Southeastern USA. Agronomy Journal, 1997, 89, 163-166.	1.8	3
35	INCREASE OF SOIL STRENGTH OVER TIME IN A US SOUTHEASTERN COASTAL PLAIN LOAMY SAND. Soil Science, 2006, 171, 519-526.	0.9	3
36	Crop Growing Practices. Agronomy, 0, , 419-438.	0.2	3

#	Article	IF	Citations
37	Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, and Zinc in Southeastern USA Harvested Flax. Crop, Forage and Turfgrass Management, 2015, 1, 1-5.	0.6	3
38	Effect of Tillage on Double-cropped Flax/Cotton Production and Fiber Properties. Crop Management, 2007, 6, 1-9.	0.3	2
39	Phosphorus dynamics and phosphatase activity of soils under corn production with supplemental irrigation in humid coastal plain region, USA. Nutrient Cycling in Agroecosystems, 2017, 109, 249-267.	2.2	2
40	Supplemental Irrigation for Grain Sorghum Production in the U.S. Eastern Coastal Plain. Applied Engineering in Agriculture, 2018, 34, 395-402.	0.7	1
41	Leaching Potential of Phosphite Fertilizer in Sandy Soils of the Southern Coastal Plain, USA. Environments - MDPI, 2021, 8, 126.	3.3	1
42	Simple XRD algorithm for direct determination of cotton crystallinity. , 2012, , .		0