

# Kent F Mccue

## List of Publications by Year in descending order

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47  
papers

2,542  
citations

394421

19  
h-index

243625

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport of Metal-binding Peptides by HMT1, A Fission Yeast ABC-type Vacuolar Membrane Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 4721-4728.	3.4	405
2	Drought and salt tolerance: towards understanding and application. <i>Trends in Biotechnology</i> , 1990, 8, 358-362.	9.3	404
3	Effect of temperature on expression of genes encoding enzymes for starch biosynthesis in developing wheat endosperm. <i>Plant Science</i> , 2003, 164, 873-881.	3.6	276
4	Salt-inducible betaine aldehyde dehydrogenase from sugar beet: cDNA cloning and expression. <i>Plant Molecular Biology</i> , 1992, 18, 1-11.	3.9	173
5	Comparative biochemical and immunological studies of the glycine betaine synthesis pathway in diverse families of dicotyledons. <i>Planta</i> , 1989, 178, 342-352.	3.2	146
6	Metabolic engineering of glycine betaine synthesis: plant betaine aldehyde dehydrogenases lacking typical transit peptides are targeted to tobacco chloroplasts where they confer betaine aldehyde resistance. <i>Planta</i> , 1994, 193, 155-62.	3.2	125
7	Potato glycoesterol rhamnosyltransferase, the terminal step in triose side-chain biosynthesis. <i>Phytochemistry</i> , 2007, 68, 327-334.	2.9	99
8	Metabolic compensation of steroidal glycoalkaloid biosynthesis in transgenic potato tubers: using reverse genetics to confirm the in vivo enzyme function of a steroidal alkaloid galactosyltransferase. <i>Plant Science</i> , 2005, 168, 267-273.	3.6	97
9	Accurate measurement of transgene copy number in crop plants using droplet digital <sc>PCR</sc>. <i>Plant Journal</i> , 2017, 90, 1014-1025.	5.7	87
10	The primary in vivo steroidal alkaloid glucosyltransferase from potato. <i>Phytochemistry</i> , 2006, 67, 1590-1597.	2.9	83
11	Induction of 3-deoxy-D-arabino-heptulosonate-7-phosphate synthase activity by fungal elicitor in cultures of <i>Petroselinum crispum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 7374-7377.	7.1	68
12	Light and Fungal Elicitor Induce 3-Deoxy-d-arabino-Heptulosonate 7-Phosphate Synthase mRNA in Suspension Cultured Cells of Parsley ( <i>Petroselinum crispum</i> L.). <i>Plant Physiology</i> , 1992, 98, 761-763.	4.8	56
13	Two Purine Biosynthetic Enzymes That Are Required for Cadmium Tolerance in <i>Schizosaccharomyces pombe</i> Utilize Cysteine Sulfinic Acid in Vitro. <i>Archives of Biochemistry and Biophysics</i> , 1993, 304, 392-401.	3.0	56
14	Gene Rpi-bt1 from <i>Solanum bulbocastanum</i> Confers Resistance to Late Blight in Transgenic Potatoes. <i>American Journal of Potato Research</i> , 2009, 86, 456-465.	0.9	51
15	Comparison of orthologous and paralogous DNA flanking the wheat high molecular weight glutenin genes: sequence conservation and divergence, transposon distribution, and matrix-attachment regions. <i>Genome</i> , 2002, 45, 367-380.	2.0	34
16	Modifying glycoalkaloid content in transgenic potato. <i>Metabolome impacts</i> . <i>Food Chemistry</i> , 2015, 187, 437-443.	8.2	31
17	pBINPLUS/ARS: an improved plant transformation vector based on pBINPLUS. <i>BioTechniques</i> , 2008, 44, 753-756.	1.8	28
18	Induction of Shikimic Acid Pathway Enzymes by Light in Suspension Cultured Cells of Parsley ( <i>Petroselinum crispum</i> ). <i>Plant Physiology</i> , 1990, 94, 507-510.	4.8	26

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19	Biological differences that distinguish the 2 major stages of wound healing in potato tubers. <i>Plant Signaling and Behavior</i> , 2016, 11, e1256531.	2.4	26
20	First Report of <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ Infecting Eggplant in Honduras. <i>Plant Disease</i> , 2013, 97, 1654-1654.	1.4	20
21	Impact of light-exposure on the metabolite balance of transgenic potato tubers with modified glycoalkaloid biosynthesis. <i>Food Chemistry</i> , 2016, 200, 263-273.	8.2	20
22	Structure of Two <i>Solanum bulbocastanum</i> Polyubiquitin Genes and Expression of Their Promoters in Transgenic Potatoes. <i>American Journal of Potato Research</i> , 2008, 85, 219-226.	0.9	19
23	First Report of <i>Candidatus</i> <i>Liberibacter solanacearum</i> Associated with Psyllid-Infested Tobacco in Nicaragua. <i>Plant Disease</i> , 2013, 97, 1244-1244.	1.4	19
24	Compositional and toxicological analysis of a GM potato line with reduced $\pm$ -solanine content – A 90-day feeding study in the Syrian Golden hamster. <i>Regulatory Toxicology and Pharmacology</i> , 2012, 64, 177-185.	2.7	18
25	Into the weeds: Matching importation history to genetic consequences and pathways in two widely used biological control agents. <i>Evolutionary Applications</i> , 2019, 12, 773-790.	3.1	18
26	Effect of Soil Salinity on the Expression of Betaine Aldehyde Dehydrogenase in Leaves: Investigation of Hydraulic, Ionic and Biochemical Signals.. <i>Functional Plant Biology</i> , 1992, 19, 555.	2.1	18
27	First Report of <i>Candidatus</i> <i>Liberibacter solanacearum</i> on Tobacco in Honduras. <i>Plant Disease</i> , 2013, 97, 1376-1376.	1.4	17
28	REDUCTION OF TOTAL STEROIDAL GLYCOALKALOIDS IN POTATO TUBERS USING ANTISENSE CONSTRUCTS OF A GENE ENCODING A SOLANIDINE GLUCOSYL TRANSFERASE. <i>Acta Horticulturae</i> , 2003, , 77-86.	0.2	16
29	First Report of <i>Candidatus</i> <i>Liberibacter solanacearum</i> on Tomato in El Salvador. <i>Plant Disease</i> , 2013, 97, 1245-1245.	1.4	13
30	A family of small cyclic amphipathic peptides (SCAMPs) genes in citrus. <i>BMC Genomics</i> , 2015, 16, 303.	2.8	12
31	First Report of <i>Candidatus</i> <i>Liberibacter solanacearum</i> on Tomato in Honduras. <i>Plant Disease</i> , 2013, 97, 1375-1375.	1.4	12
32	Generation of PVY Coat Protein siRNAs in Transgenic Potatoes Resistant to PVY. <i>American Journal of Potato Research</i> , 2012, 89, 374-383.	0.9	11
33	Spatial and temporal variation of biological control agents associated with <i>Eichhornia crassipes</i> in the Sacramento-San Joaquin River Delta, California. <i>Biological Control</i> , 2017, 111, 13-22.	3.0	10
34	First Report of <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ on Pepper in Honduras. <i>Plant Disease</i> , 2014, 98, 154-154.	1.4	10
35	Transgene stacking in potato using the GAENTRY system. <i>BMC Research Notes</i> , 2019, 12, 457.	1.4	9
36	MANIPULATION AND COMPENSATION OF STEROIDAL GLYCOALKALOID BIOSYNTHESIS IN POTATOES. <i>Acta Horticulturae</i> , 2007, , 343-350.	0.2	5

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37	Modification of Potato Steroidal Glycoalkaloids with Silencing RNA Constructs. American Journal of Potato Research, 2018, 95, 9-14.	0.9	5
38	Structure of Two Solanum tuberosum Steroidal Glycoalkaloid Glycosyltransferase Genes and Expression of their Promoters in Transgenic Potatoes. American Journal of Potato Research, 2011, 88, 485-492.	0.9	4
39	Temporally Selective Modification of the Tomato Rhizosphere and Root Microbiome by Volcanic Ash Fertilizer Containing Micronutrients. Applied and Environmental Microbiology, 2022, 88, e0004922.	3.1	4
40	Complete Genome Sequence of <i>Agrobacterium fabrum</i> Strain 1D159. Microbiology Resource Announcements, 2019, 8, .	0.6	3
41	Abiotic and biotic influences on the performance of two biological control agents, <i>Neochetina bruchi</i> and <i>N. eichhorniae</i> , in the Sacramento-San Joaquin River Delta, California (USA). Biological Control, 2021, 153, 104495.	3.0	3
42	Regulation of the Shikimate Pathway in Suspension Cultured Cells of Parsley ( <i>Petroselinum crispum</i> ) Tj ETQqO O O rgBT /Overlock 10 TF 5		
43	Draft Genome Sequence of <i>Serratia</i> sp. 1D1416. Microbiology Resource Announcements, 2019, 8, .	0.6	1
44	Draft Genome Sequence of <i>Agrobacterium tumefaciens</i> Strain 1D1526. Microbiology Resource Announcements, 2019, 8, .	0.6	1
45	<i>Small Cyclic Amphipathic Peptides</i> (SCAmpPs) genes in citrus provide promising tools for more effective tissue specific transgenic expression. Acta Horticulturae, 2017, , 85-90.	0.2	0
46	Mitigation of Acrylamide: a Multidisciplinary Approach to an Industry Problem. American Journal of Potato Research, 2018, 95, 338-339.	0.9	0
47	Draft Genome Sequence of <i>Agrobacterium fabrum</i> Strain 1D1104. Microbiology Resource Announcements, 2021, 10, e0099621.	0.6	0