

# Richard M Bostock

## List of Publications by Year in descending order

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81  
papers

6,502  
citations

100601

38  
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81351

76  
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81  
all docs

81  
docs citations

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times ranked

7346  
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#	ARTICLE	IF	CITATIONS
1	Walnut twig beetle landing rates differ between host and nonhost hardwood trees under the influence of aggregation pheromone in a northern California riparian forest. <i>Agricultural and Forest Entomology</i> , 2021, 23, 111-120.	0.7	1
2	Analysis of Volatile Profiles for Tracking Asymptomatic Infections of <i>Phytophthora ramorum</i> and Other Pathogens in <i>Rhododendron</i> . <i>Phytopathology</i> , 2021, 111, 1818-1827.	1.1	5
3	The Effect of Applied Salinity and Water Stress on Chemical Suppression of <i>Phytophthora ramorum</i> from Soilborne Inoculum in <i>Rhododendron</i> . <i>Plant Disease</i> , 2021, 105, 2929-2937.	0.7	1
4	Assessment of Semiochemical Repellents for Protecting Walnut Trees From Walnut Twig Beetle (Coleoptera: Curculionidae) Attack in a Commercial Orchard Setting in California. <i>Journal of Economic Entomology</i> , 2021, 114, 1180-1188.	0.8	0
5	Eicosapolyenoic fatty acids induce defense responses and resistance to <i>Phytophthora capsici</i> in tomato and pepper. <i>Physiological and Molecular Plant Pathology</i> , 2021, 114, 101642.	1.3	6
6	Genetic Diversity and Potential Inoculum Sources of <i>Fusarium</i> Species Causing Cankers in Bareroot-Propagated Almond Trees in California Nurseries. <i>Plant Disease</i> , 2021, , .	0.7	1
7	An roGFP2-Based Bacterial Bioreporter for Redox Sensing of Plant Surfaces. <i>Phytopathology</i> , 2020, 110, 297-308.	1.1	4
8	Seasonal Variation in Host Susceptibility to <i>Fusarium</i> Canker in Young Almond Trees. <i>Plant Disease</i> , 2020, 104, 772-779.	0.7	8
9	Eicosapolyenoic fatty acids alter oxylipin gene expression and fatty acid hydroperoxide profiles in tomato and pepper roots. <i>Physiological and Molecular Plant Pathology</i> , 2020, 109, 101444.	1.3	7
10	DNA barcoding, phylogeny and phylogeography of the cyst nematode species from the genus <i>Globodera</i> (Tylenchida: Heteroderidae). <i>Nematology</i> , 2020, 22, 269-297.	0.2	20
11	Trap Assays of the Walnut Twig Beetle, <i>Pityophthorus juglandis</i> Blackman (Coleoptera: Curculionidae: Tj ETQq1 1 2020, 46, 1047-1058.	0.784314 0.9	rgBT /Over 8
12	Trapping Failure Leads to Discovery of Potent Semiochemical Repellent for the Walnut Twig Beetle. <i>Journal of Economic Entomology</i> , 2020, 113, 2772-2784.	0.8	7
13	A study of landing behaviour by the walnut twig beetle, <i>Pityophthorus juglandis</i> , among host and nonhost hardwood trees in a northern California riparian forest. <i>Agricultural and Forest Entomology</i> , 2020, 22, 338-348.	0.7	7
14	Polyketide Synthase Gene Expression in Relation to Chloromonilicin and Melanin Production in <i>Monilinia fructicola</i> . <i>Phytopathology</i> , 2020, 110, 1465-1475.	1.1	6
15	Population genomics demystifies the defoliation phenotype in the plant pathogen <i>Verticillium dahliae</i> . <i>New Phytologist</i> , 2019, 222, 1012-1029.	3.5	41
16	Effects of <i>Phytophthora ramorum</i> on volatile organic compound emissions of <i>Rhododendron</i> using gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1475-1487.	1.9	11
17	Abscisic Acid as a Dominant Signal in Tomato During Salt Stress Predisposition to <i>Phytophthora</i> Root and Crown Rot. <i>Frontiers in Plant Science</i> , 2018, 9, 525.	1.7	19
18	Wingnut (Juglandaceae) as a new generic host for <i>Pityophthorus juglandis</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67	0.4	33

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19	Coordination of Diagnostic Efforts in the Great Plains: Wheat Virus Survey and Modeling of Disease Onset. <i>Plant Disease</i> , 2016, 100, 1037-1045.	0.7	9
20	Salicylic acid mitigates physiological and proteomic changes induced by the SPCP1 strain of Potato virus X in tomato plants. <i>Physiological and Molecular Plant Pathology</i> , 2016, 93, 1-11.	1.3	33
21	Nitrogen increases hull rot and interferes with the hull split phenology in almond ( <i>Prunus dulcis</i> ). <i>Scientia Horticulturae</i> , 2016, 199, 41-48.	1.7	14
22	Expression of Five Endopolygalacturonase Genes and Demonstration that MfPG1 Overexpression Diminishes Virulence in the Brown Rot Pathogen <i>Monilinia fructicola</i> . <i>PLoS ONE</i> , 2015, 10, e0132012.	1.1	19
23	Plant health: How diagnostic networks and interagency partnerships protect plant systems from pests and pathogens. <i>California Agriculture</i> , 2014, 68, 117-124.	0.5	13
24	The National Plant Diagnostic Network: Partnering to Protect Plant Systems. <i>Plant Disease</i> , 2014, 98, 708-715.	0.7	25
25	Predisposition in Plant Disease: Exploiting the Nexus in Abiotic and Biotic Stress Perception and Response. <i>Annual Review of Phytopathology</i> , 2014, 52, 517-549.	3.5	188
26	β-glucans and eicosapolyenoic acids as MAMPs in plant-fungal-mycete interactions: past and present. <i>Frontiers in Plant Science</i> , 2014, 5, 797.	1.7	38
27	Microclimate Impacts Survival and Prevalence of <i>Phytophthora ramorum</i> in <i>Umbellularia californica</i> , a Key Reservoir Host of Sudden Oak Death in Northern California Forests. <i>PLoS ONE</i> , 2014, 9, e98195.	1.1	19
28	Fatty acids and early detection of pathogens. <i>Current Opinion in Plant Biology</i> , 2013, 16, 520-526.	3.5	137
29	<i>Fusarium</i> spp., <i>Cylindrocarpum</i> spp., and Environmental Stress in the Etiology of a Canker Disease of Cold-Stored Fruit and Nut Tree Seedlings in California. <i>Plant Disease</i> , 2013, 97, 259-270.	0.7	22
30	Susceptibility of Walnut and Hickory Species to <i>Geosmithia morbida</i> . <i>Plant Disease</i> , 2013, 97, 601-607.	0.7	65
31	Induced resistance in tomato by SAR activators during predisposing salinity stress. <i>Frontiers in Plant Science</i> , 2013, 4, 116.	1.7	29
32	Identification and Differentiation of <i>Verticillium</i> Species and <i>V. longisporum</i> Lineages by Simplex and Multiplex PCR Assays. <i>PLoS ONE</i> , 2013, 8, e65990.	1.1	80
33	Application of Genomic and Quantitative Genetic Tools to Identify Candidate Resistance Genes for Brown Rot Resistance in Peach. <i>PLoS ONE</i> , 2013, 8, e78634.	1.1	55
34	Propiconazole Sensitivity in Populations of <i>Geotrichum candidum</i> , the Cause of Sour Rot of Peach and Nectarine, in California. <i>Plant Disease</i> , 2012, 96, 752-758.	0.7	6
35	Biology and Sources of Inoculum of <i>Geotrichum candidum</i> Causing Sour Rot of Peach and Nectarine Fruit in California. <i>Plant Disease</i> , 2012, 96, 204-210.	0.7	14
36	Interoperation of Organizational Data, Rules, Processes and Services for Achieving Inter-Organizational Coordination and Collaboration. , 2011, , .		6

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37	Phylogenetics and Taxonomy of the Fungal Vascular Wilt Pathogen <i>Verticillium</i> , with the Descriptions of Five New Species. <i>PLoS ONE</i> , 2011, 6, e28341.	1.1	263
38	The Ascomycete <i>Verticillium longisporum</i> Is a Hybrid and a Plant Pathogen with an Expanded Host Range. <i>PLoS ONE</i> , 2011, 6, e18260.	1.1	150
39	Eicosapolyenoic acids. <i>Plant Signaling and Behavior</i> , 2011, 6, 531-533.	1.2	13
40	Abscisic Acid in Salt Stress Predisposition to <i>Phytophthora</i> Root and Crown Rot in Tomato and <i>Chrysanthemum</i> . <i>Phytopathology</i> , 2010, 100, 871-879.	1.1	52
41	Overexpression of a Redox-Regulated Cutinase Gene, <i>MfCUT1</i> , Increases Virulence of the Brown Rot Pathogen <i>Monilinia fructicola</i> on <i>Prunus</i> spp.. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 176-186.	1.4	53
42	A six locus phylogeny reveals high species diversity in <i>Botryosphaeriaceae</i> from California almond. <i>Mycologia</i> , 2010, 102, 1350-1368.	0.8	140
43	Arachidonic Acid: An Evolutionarily Conserved Signaling Molecule Modulates Plant Stress Signaling Networks. <i>Plant Cell</i> , 2010, 22, 3193-3205.	3.1	152
44	Episodic Abiotic Stress as a Potential Contributing Factor to Onset and Severity of Disease Caused by <i>Phytophthora ramorum</i> in <i>Rhododendron</i> and <i>Viburnum</i> . <i>Plant Disease</i> , 2009, 93, 912-918.	0.7	15
45	Fruit Exocarp Phenols in Relation to Quiescence and Development of <i>Monilinia fructicola</i> Infections in <i>Prunus</i> spp.: A Role for Cellular Redox?. <i>Phytopathology</i> , 2007, 97, 269-277.	1.1	78
46	DEA1, a circadian- and cold-regulated tomato gene, protects yeast cells from freezing death. <i>Plant Molecular Biology</i> , 2006, 62, 547-559.	2.0	18
47	<i>Agrobacterium</i> T-DNA-mediated integration and gene replacement in the brown rot pathogen <i>Monilinia fructicola</i> . <i>Current Genetics</i> , 2006, 49, 309-322.	0.8	43
48	A Circadian Rhythm-Regulated Tomato Gene Is Induced by Arachidonic Acid and <i>Phytophthora infestans</i> Infection. <i>Plant Physiology</i> , 2006, 140, 235-248.	2.3	50
49	Induction, Regulation, and Role in Pathogenesis of Appressoria in <i>Monilinia fructicola</i> . <i>Phytopathology</i> , 2006, 96, 1072-1080.	1.1	52
50	Signal Crosstalk and Induced Resistance: Straddling the Line Between Cost and Benefit. <i>Annual Review of Phytopathology</i> , 2005, 43, 545-580.	3.5	525
51	INTERACTIONS BETWEEN ABSCISIC-ACID-MEDIATED RESPONSES AND PLANT RESISTANCE TO PATHOGENS AND INSECTS. <i>Ecology</i> , 2004, 85, 48-58.	1.5	241
52	Nuclear DNA degradation during heterokaryon incompatibility in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2003, 40, 126-137.	0.9	59
53	Expression of the antiapoptotic baculovirus p35 gene in tomato blocks programmed cell death and provides broad-spectrum resistance to disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15217-15221.	3.3	156
54	Molecular Cloning, Characterization, and Expression of a Redox-Responsive Cutinase from <i>Monilinia fructicola</i> (Wint.) Honey. <i>Fungal Genetics and Biology</i> , 2002, 35, 261-276.	0.9	45

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55	Induced Systemic Resistance (ISR) Against Pathogens in the Context of Induced Plant Defences. <i>Annals of Botany</i> , 2002, 89, 503-512.	1.4	476
56	Cross-talk between jasmonate and salicylate plant defense pathways: effects on several plant parasites. <i>Oecologia</i> , 2002, 131, 227-235.	0.9	191
57	Antagonism between jasmonate- and salicylate-mediated induced plant resistance: effects of concentration and timing of elicitation on defense-related proteins, herbivore, and pathogen performance in tomato. <i>Journal of Chemical Ecology</i> , 2002, 28, 1131-1159.	0.9	162
58	Caspase inhibitors reduce symptom development and limit bacterial proliferation in susceptible plant tissues. <i>Physiological and Molecular Plant Pathology</i> , 2001, 59, 213-221.	1.3	42
59	Hydroperoxides of fatty acids induce programmed cell death in tomato protoplasts. <i>Physiological and Molecular Plant Pathology</i> , 2001, 59, 277-286.	1.3	53
60	Signal Interactions in Induced Resistance to Pathogens and Insect Herbivores. <i>European Journal of Plant Pathology</i> , 2001, 107, 103-111.	0.8	113
61	Affinity Purification and Characterization of a Cutinase from the Fungal Plant Pathogen <i>Monilinia fructicola</i> (Wint.) Honey. <i>Archives of Biochemistry and Biophysics</i> , 2000, 382, 31-38.	1.4	38
62	Title is missing!. <i>Journal of Chemical Ecology</i> , 1999, 25, 1597-1609.	0.9	258
63	Superinduction of the Em gene in rice suspension cells in the presence of ABA and cycloheximide. <i>Plant Cell Reports</i> , 1999, 18, 848-852.	2.8	2
64	Construction of a Plant Transient Expression Vector which Coexpresses the Marker $\beta$ -glucuronidase. <i>Plant Molecular Biology Reporter</i> , 1998, 16, 367-367.	1.0	0
65	Characterization of potato tuber lipoxygenase cDNAs and lipoxygenase expression in potato tubers and leaves. <i>Physiologia Plantarum</i> , 1998, 102, 257-271.	2.6	23
66	Stimulation and attenuation of induced resistance by elicitors and inhibitors of chemical induction in tomato ( <i>Lycopersicon esculentum</i> ) foliage. <i>Entomologia Experimentalis Et Applicata</i> , 1998, 86, 267-279.	0.7	67
67	Improved Detection of Polygalacturonase Activity due to <i>Mucor piriformis</i> with a Modified Dinitrosalicylic Acid Reagent. <i>Phytopathology</i> , 1997, 87, 161-163.	1.1	26
68	Specificity of induced resistance in the tomato, <i>Lycopersicon esculentum</i> . <i>Oecologia</i> , 1997, 113, 74-81.	0.9	185
69	Apoptosis: A Functional Paradigm for Programmed Plant Cell Death Induced by a Host-Selective Phytotoxin and Invoked during Development. <i>Plant Cell</i> , 1996, 8, 375.	3.1	120
70	Sphingosine-related mycotoxins in plant and animal diseases. <i>Canadian Journal of Botany</i> , 1995, 73, 459-467.	1.2	52
71	The 73-kb pIAA plasmid increases competitive fitness of <i>Pseudomonas syringae</i> subspecies <i>savastanoi</i> in oleander. <i>Canadian Journal of Microbiology</i> , 1993, 39, 659-664.	0.8	30
72	Regulation of Em Gene Expression in Rice. <i>Plant Physiology</i> , 1992, 98, 1356-1363.	2.3	136

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73	Rapid Stimulation of 5-Lipoxygenase Activity in Potato by the Fungal Elicitor Arachidonic Acid. <i>Plant Physiology</i> , 1992, 100, 1448-1456.	2.3	74
74	Differential Induction and Suppression of Potato 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Genes in Response to <i>Phytophthora infestans</i> and to Its Elicitor Arachidonic Acid. <i>Plant Cell</i> , 1992, 4, 1333.	3.1	45
75	Evidence for release of the elicitor arachidonic acid and its metabolites from sporangia of <i>Phytophthora infestans</i> during infection of potato. <i>Physiological and Molecular Plant Pathology</i> , 1992, 41, 61-72.	1.3	41
76	Rapid In Situ Assay for Indoleacetic Acid Production by Bacteria Immobilized on a Nitrocellulose Membrane. <i>Applied and Environmental Microbiology</i> , 1991, 57, 535-538.	1.4	1,055
77	Rapid changes in protein synthesis after application of arachidonic acid to potato tuber tissue. <i>Physiological and Molecular Plant Pathology</i> , 1989, 35, 347-356.	1.3	15
78	Involvement of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase in the Regulation of Sesquiterpenoid Phytoalexin Synthesis in Potato. <i>Plant Physiology</i> , 1987, 84, 404-408.	2.3	111
79	Factors Affecting the Elicitation of Sesquiterpenoid Phytoalexin Accumulation by Eicosapentaenoic and Arachidonic Acids in Potato. <i>Plant Physiology</i> , 1982, 70, 1417-1424.	2.3	114
80	<i>Cylindrocladiella hahajimaensis</i> , a new species of <i>Cylindrocladiella</i> transferred from <i>Verticillium</i> . <i>MycKeys</i> , 0, 4, 1-8.	0.8	4
81	Emerging Infectious Plant Diseases. , 0, , 337-366.		7