

Perrin H Beatty

List of Publications by Year in descending order

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33
papers

2,731
citations

257450

24
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

3785
citing authors

#	ARTICLE	IF	CITATIONS
1	Fertilizing Nature: A Tragedy of Excess in the Commons. <i>PLoS Biology</i> , 2011, 9, e1001124.	5.6	361
2	Engineering nitrogen use efficient crop plants: the current status. <i>Plant Biotechnology Journal</i> , 2012, 10, 1011-1025.	8.3	332
3	The Genetics of Nitrogen Use Efficiency in Crop Plants. <i>Annual Review of Genetics</i> , 2015, 49, 269-289.	7.6	217
4	Green Tea Inhibits Vascular Endothelial Growth Factor (VEGF) Induction in Human Breast Cancer Cells. <i>Journal of Nutrition</i> , 2002, 132, 2307-2311.	2.9	212
5	<i>Paenibacillus polymyxa</i> produces fusaricidin-type antifungal antibiotics active against <i>Leptosphaeria maculans</i> , the causative agent of blackleg disease of canola. <i>Canadian Journal of Microbiology</i> , 2002, 48, 159-169.	1.7	173
6	The Rice R2R3-MYB Transcription Factor OsMYB55 Is Involved in the Tolerance to High Temperature and Modulates Amino Acid Metabolism. <i>PLoS ONE</i> , 2012, 7, e52030.	2.5	163
7	The APETALA-2-Like Transcription Factor OsAP2-39 Controls Key Interactions between Abscisic Acid and Gibberellin in Rice. <i>PLoS Genetics</i> , 2010, 6, e1001098.	3.5	161
8	Future Prospects for Cereals That Fix Nitrogen. <i>Science</i> , 2011, 333, 416-417.	12.6	160
9	Manipulation of microRNA expression to improve nitrogen use efficiency. <i>Plant Science</i> , 2013, 210, 70-81.	3.6	83
10	Nitrogen use efficiencies of spring barley grown under varying nitrogen conditions in the field and growth chamber. <i>Annals of Botany</i> , 2010, 105, 1171-1182.	2.9	78
11	Transcriptome analysis of nitrogen-efficient rice overexpressing alanine aminotransferase. <i>Plant Biotechnology Journal</i> , 2009, 7, 562-576.	8.3	74
12	Entry exclusion in F-like plasmids requires intact TraG in the donor that recognizes its cognate TraS in the recipient. <i>Microbiology (United Kingdom)</i> , 2007, 153, 442-451.	1.8	64
13	Cowpea mosaic virus nanoparticles for cancer imaging and therapy. <i>Advanced Drug Delivery Reviews</i> , 2019, 145, 130-144.	13.7	62
14	Human Endomucin Is an Endothelial Marker. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 129-136.	2.1	60
15	Identification of Nitrogen Use Efficiency Genes in Barley: Searching for QTLs Controlling Complex Physiological Traits. <i>Frontiers in Plant Science</i> , 2016, 7, 1587.	3.6	59
16	Use of PCR-Targeted Mutagenesis To Disrupt Production of Fusaricidin-Type Antifungal Antibiotics in <i>Paenibacillus polymyxa</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 3480-3489.	3.1	56
17	Novel therapeutic targets for cancer metastasis. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 97-109.	2.4	53
18	Two Sets of Paralogous Genes Encode the Enzymes Involved in the Early Stages of Clavulanic Acid and Clavam Metabolite Biosynthesis in <i>Streptomyces clavuligerus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 930-939.	3.2	49

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19	Five Additional Genes Are Involved in Clavulanic Acid Biosynthesis in <i>Streptomyces clavuligerus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 192-202.	3.2	48
20	Understanding Plant Nitrogen Metabolism through Metabolomics and Computational Approaches. <i>Plants</i> , 2016, 5, 39.	3.5	41
21	Sulfolane degradation by mixed cultures and a bacterial isolate identified as a <i>Variovorax</i> sp.. <i>Archives of Microbiology</i> , 2000, 174, 111-119.	2.2	39
22	Physiological analysis of nitrogen-efficient rice overexpressing alanine aminotransferase under different N regimes. <i>Botany</i> , 2013, 91, 866-883.	1.0	36
23	5S Clavam Biosynthetic Genes Are Located in Both the Clavam and Paralog Gene Clusters in <i>Streptomyces clavuligerus</i> . <i>Chemistry and Biology</i> , 2007, 14, 131-142.	6.0	32
24	Identification of a Novel Endothelial-Derived Gene EG-1. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 602-612.	2.1	27
25	Inhibition of fibroblast growth factors by green tea. <i>International Journal of Oncology</i> , 2002, 21, 487.	3.3	17
26	The Use of Oxytocin in Nipple Fluid Aspiration. <i>Breast Journal</i> , 2003, 9, 266-268.	1.0	15
27	“Genes, Meet Gases” The Role of Plant Nutrition and Genomics in Addressing Greenhouse Gas Emissions. , 2016, , 149-172.		8
28	Improving Nitrogen Use Efficient in Crop Plants Using Biotechnology Approaches. , 2018, , 15-35.		6
29	Cohort profile: the Alberta Prostate Cancer Research Initiative (APCaRI) Registry and Biorepository facilitates technology translation to the clinic through the use of linked, longitudinal clinical and patient-reported data and biospecimens from men in Alberta, Canada. <i>BMJ Open</i> , 2020, 10, e037222.	1.9	5
30	PROSPeCT: A Predictive Research Online System for Prostate Cancer Tasks. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-12.	2.1	3
31	Intravital imaging tumor screen used to identify novel metastasis-blocking therapeutic targets. <i>Cell Stress</i> , 2018, 2, 275-278.	3.2	3
32	Discovery of Metastatic Regulators using a Rapid and Quantitative Intravital Chick Chorioallantoic Membrane Model. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
33	Cohort profile: the Alberta Prostate Cancer Research Initiative (APCaRI) Registry and Biorepository facilitates technology translation to the clinic through the use of linked, longitudinal clinical and patient-reported data and biospecimens from men in Alberta, Canada. <i>BMJ Open</i> , 2020, 10, e037222.	1.9	0