Daniel J Spakowicz

List of Publications by Year
in descending order

34	2,922	393982	377514
papers	citations	19	34
		h-index	g-index

38	38	38	5087
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of 16S rRNA gene sequencing for species and strain-level microbiome analysis. Nature Communications, 2019, 10, 5029.	5.8	1,007
2	Longitudinal multi-omics of host–microbe dynamics in prediabetes. Nature, 2019, 569, 663-671.	13.7	391
3	The real cost of sequencing: scaling computation to keep pace with data generation. Genome Biology, 2016, 17, 53.	3.8	264
4	The production of myco-diesel hydrocarbons and their derivatives by the endophytic fungus Gliocladium roseum (NRRL 50072). Microbiology (United Kingdom), 2008, 154, 3319-3328.	0.7	196
5	Integrative Personal Omics Profiles during Periods of Weight Gain and Loss. Cell Systems, 2018, 6, 157-170.e8.	2.9	183
6	Hypoxylon sp., an Endophyte of Persea indica, Producing 1,8-Cineole and Other Bioactive Volatiles with Fuel Potential. Microbial Ecology, 2010, 60, 903-914.	1.4	112
7	Change in neutrophil to lymphocyte ratio during immunotherapy treatment is a non-linear predictor of patient outcomes in advanced cancers. Journal of Cancer Research and Clinical Oncology, 2019, 145, 2541-2546.	1.2	93
8	Functional, structural, and chemical changes in myosin associated with hydrogen peroxide treatment of skeletal muscle fibers. American Journal of Physiology - Cell Physiology, 2008, 294, C613-C626.	2.1	92
9	Genomic Analysis of the Hydrocarbon-Producing, Cellulolytic, Endophytic Fungus Ascocoryne sarcoides. PLoS Genetics, 2012, 8, e1002558.	1.5	76
10	Volatile organic compound production by organisms in the genus Ascocoryne and a re-evaluation of myco-diesel production by NRRL 50072. Microbiology (United Kingdom), 2010, 156, 3814-3829.	0.7	72
11	Identification of a Fungal 1,8-Cineole Synthase from Hypoxylon sp. with Specificity Determinants in Common with the Plant Synthases. Journal of Biological Chemistry, 2015, 290, 8511-8526.	1.6	66
12	Inferring the role of the microbiome on survival in patients treated with immune checkpoint inhibitors: causal modeling, timing, and classes of concomitant medications. BMC Cancer, 2020, 20, 383.	1.1	45
13	Biosynthesis and genomic analysis of medium-chain hydrocarbon production by the endophytic fungal isolate Nigrograna mackinnonii E5202H. Applied Microbiology and Biotechnology, 2015, 99, 3715-3728.	1.7	44
14	Changes in Actin Structural Transitions Associated with Oxidative Inhibition of Muscle Contraction. Biochemistry, 2008, 47, 11811-11817.	1.2	36
15	Biatriospora (Ascomycota: Pleosporales) is an ecologically diverse genus including facultative marine fungi and endophytes with biotechnological potential. Plant Systematics and Evolution, 2017, 303, 35-50.	0.3	33
16	Bone Metastases, Skeletal-Related Events, and Survival in Patients With Metastatic Non–Small Cell Lung Cancer Treated With Immune Checkpoint Inhibitors. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 915-921.	2.3	27
17	Biosynthesis of hydrocarbons and volatile organic compounds by fungi: bioengineering potential. Applied Microbiology and Biotechnology, 2015, 99, 4943-4951.	1.7	25
18	Endophyte Strain NRRL 50072 producing volatile organics is a species of Ascocoryne. Mycology, 2010, 1, 187-194.	2.0	21

#	Article	IF	Citations
19	The production of myco-diesel hydrocarbons and their derivatives by the endophytic fungus Gliocladium roseum (NRRL 50072). Microbiology (United Kingdom), 2010, 156, 3830-3833.	0.7	20
20	Stelliosphaerols A and B, Sesquiterpene–Polyol Conjugates from an Ecuadorian Fungal Endophyte. Journal of Natural Products, 2015, 78, 3005-3010.	1.5	16
21	Genome of Diaporthe sp. provides insights into the potential inter-phylum transfer of a fungal sesquiterpenoid biosynthetic pathway. Fungal Biology, 2016, 120, 1050-1063.	1.1	13
22	Volatile Metabolomic Composition of Vitex Species: Chemodiversity Insights and Acaricidal Activity. Frontiers in Plant Science, 2017, 8, 1931.	1.7	12
23	Brief report: inhaled corticosteroid use and the risk of checkpoint inhibitor pneumonitis in patients with advanced cancer. Cancer Immunology, Immunotherapy, 2020, 69, 2403-2408.	2.0	10
24	Longitudinal Analysis of Serum Cytokine Levels and Gut Microbial Abundance Links IL-17/IL-22 With <i>Clostridia</i> and Insulin Sensitivity in Humans. Diabetes, 2020, 69, 1833-1842.	0.3	10
25	The Biological Diversity and Production of Volatile Organic Compounds by Stem-Inhabiting Endophytic Fungi of Ecuador. Journal of Fungi (Basel, Switzerland), 2015, 1, 384-396.	1.5	8
26	Bayesian structural time series for biomedical sensor data: A flexible modeling framework for evaluating interventions. PLoS Computational Biology, 2021, 17, e1009303.	1.5	8
27	Approaches for integrating heterogeneous RNA-seq data reveal cross-talk between microbes and genes in asthmatic patients. Genome Biology, 2020, 21, 150.	3.8	5
28	Effect of concomitant medications on overall survival in patients with cancer undergoing immunotherapy.. Journal of Clinical Oncology, 2019, 37, 94-94.	0.8	4
29	Pyrrolocin A, a 3-Decalinoyltetramic Acid with Selective Biological Activity, Isolated from Amazonian Cultures of the Novel Endophyte Diaporthales sp. E6927E. Natural Product Communications, 2015, 10, 1934578X1501001.	0.2	3
30	A DNA Repair Inhibitor Isolated from an Ecuadorian Fungal Endophyte Exhibits Synthetic Lethality in PTEN-Deficient Glioblastoma. Journal of Natural Products, 2020, 83, 1899-1908.	1.5	2
31	The aging microbiome and response to immunotherapy: Considerations for the treatment of older adults with cancer. Journal of Geriatric Oncology, 2021, 12, 985-989.	0.5	2
32	Pyrrolocin A, a 3-Decalinoyltetramic Acid with Selective Biological Activity, Isolated from Amazonian Cultures of the Novel Endophyte Diaporthales sp. E6927E. Natural Product Communications, 2015, 10, 1649-54.	0.2	2
33	Is immunotherapy toxicity associated with improved overall survival among older adults with advanced cancer?. Journal of Clinical Oncology, 2019, 37, 6580-6580.	0.8	1
34	Re-evaluating the neutrophil-to-lymphocyte ratio: Machine learning-based variable selection for predicting survival at twelve months in late-stage cancer patients receiving immunotherapy.. Journal of Clinical Oncology, 2019, 37, e18201-e18201.	0.8	0