

Andreas A Gisel

List of Publications by Year in descending order

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36
papers

1,664
citations

430874

18
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

1790
citing authors

#	ARTICLE	IF	CITATIONS
1	Set up from the beginning: The origin and early development of cassava storage roots. <i>Plant, Cell and Environment</i> , 2022, 45, 1779-1795.	5.7	11
2	The Multiverse of Plant Small RNAs: How Can We Explore It?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3979.	4.1	4
3	Auxin signaling and vascular cambium formation enable storage metabolism in cassava tuberous roots. <i>Journal of Experimental Botany</i> , 2021, 72, 3688-3703.	4.8	21
4	Degradome Analysis of Tomato and <i>Nicotiana benthamiana</i> Plants Infected with Potato Spindle Tuber Viroid. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3725.	4.1	13
5	Environmental responsiveness of flowering time in cassava genotypes and associated transcriptome changes. <i>PLoS ONE</i> , 2021, 16, e0253555.	2.5	4
6	Metabolic profiles of six African cultivars of cassava (<i>Manihot esculenta</i> Crantz) highlight bottlenecks of root yield. <i>Plant Journal</i> , 2020, 102, 1202-1219.	5.7	27
7	Viroids, the simplest RNA replicons: How they manipulate their hosts for being propagated and how their hosts react for containing the infection. <i>Virus Research</i> , 2015, 209, 136-145.	2.2	96
8	miRNAs for the Detection of MultiDrug Resistance: Overview and Perspectives. <i>Molecules</i> , 2014, 19, 5611-5623.	3.8	24
9	Specific Argonautes Selectively Bind Small RNAs Derived from Potato Spindle Tuber Viroid and Attenuate Viroid Accumulation <i>In Vivo</i> . <i>Journal of Virology</i> , 2014, 88, 11933-11945.	3.4	97
10	InterOmics Tutorial - Tools and methods for the analysis of omics data and biodiversity. <i>EMBnet Journal</i> , 2014, 20, 759.	0.6	0
11	2014 Annual General Meeting – Executive Board Report. <i>EMBnet Journal</i> , 2014, 20, 798.	0.6	0
12	ICT needs and challenges for Big Data in the Life Sciences. A workshop report - SeqAhead/ISBE Workshop in Pula, Sardinia, Italy, 6 June 2013. <i>EMBnet Journal</i> , 2013, 19, 31.	0.6	1
13	Viroids: How to infect a host and cause disease without encoding proteins. <i>Biochimie</i> , 2012, 94, 1474-1480.	2.6	81
14	Small RNAs containing the pathogenic determinant of a chloroplast-replicating viroid guide the degradation of a host mRNA as predicted by RNA silencing. <i>Plant Journal</i> , 2012, 70, 991-1003.	5.7	192
15	High-Throughput GRID Computing for Life Sciences. , 2012, , 821-840.		2
16	EMBnet at ISCB - South America. <i>EMBnet Journal</i> , 2012, 18, 10.	0.6	0
17	Citrus tristeza virus infection induces the accumulation of viral small RNAs (21–24-nt) mapping preferentially at the 3′-terminal region of the genomic RNA and affects the host small RNA profile. <i>Plant Molecular Biology</i> , 2011, 75, 607-619.	3.9	73
18	Report of the EMBnet AGM 2011 Workshop. <i>EMBnet Journal</i> , 2011, 17, 3.	0.6	7

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19	Deep sequencing analysis of viral short RNAs from an infected Pinot Noir grapevine. <i>Virology</i> , 2010, 408, 49-56.	2.4	109
20	RNA-Dependent RNA Polymerase 6 Delays Accumulation and Precludes Meristem Invasion of a Viroid That Replicates in the Nucleus. <i>Journal of Virology</i> , 2010, 84, 2477-2489.	3.4	147
21	Deep Sequencing of Viroid-Derived Small RNAs from Grapevine Provides New Insights on the Role of RNA Silencing in Plant-Viroid Interaction. <i>PLoS ONE</i> , 2009, 4, e7686.	2.5	130
22	The 20th anniversary of EMBnet: 20 years of bioinformatics for the Life Sciences community. <i>BMC Bioinformatics</i> , 2009, 10, S1.	2.6	5
23	PDB_REDO: automated re-refinement of X-ray structure models in the PDB. <i>Journal of Applied Crystallography</i> , 2009, 42, 376-384.	4.5	204
24	Deep Sequencing of the Small RNAs Derived from Two Symptomatic Variants of a Chloroplastic Viroid: Implications for Their Genesis and for Pathogenesis. <i>PLoS ONE</i> , 2009, 4, e7539.	2.5	82
25	Gene analogue finder: a GRID solution for finding functionally analogous gene products. <i>BMC Bioinformatics</i> , 2007, 8, 329.	2.6	6
26	p53FamTaC: a database resource of human p53, p63 and p73 direct target genes combining in silico prediction and microarray data. <i>BMC Bioinformatics</i> , 2007, 8, S20.	2.6	57
27	DNAfan: a software tool for automated extraction and analysis of user-defined sequence regions. <i>Bioinformatics</i> , 2004, 20, 3676-3679.	4.1	6
28	Leaf-to-shoot apex movement of symplastic tracer is restricted coincident with flowering in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1713-1717.	7.1	76
29	Cell-to-Cell and Systemic Movement of Recombinant Green Fluorescent Protein-Tagged Turnip Crinkle Viruses. <i>Virology</i> , 2000, 273, 258-266.	2.4	63
30	Nuclear Localization of Turnip Crinkle Virus Movement Protein p8. <i>Virology</i> , 2000, 273, 276-285.	2.4	21
31	In situ monitoring of DNA: the plant nuclear envelope allows passage of short DNA fragments. <i>Plant Journal</i> , 1998, 16, 621-626.	5.7	5
32	Gene transfer to inflorescence and flower meristems using ballistic micro-targeting. <i>Sexual Plant Reproduction</i> , 1994, 7, 135.	2.2	19
33	In vitro germination of wheat proembryos to fertile plants. <i>Plant Cell Reports</i> , 1994, 13, 377-80.	5.6	16
34	Transient gene expression in vegetative shoot apical meristems of wheat after ballistic microtargeting. <i>Plant Journal</i> , 1993, 4, 735-744.	5.7	49
35	Transient expression of visible marker genes in meristem cells of wheat embryos after ballistic micro-targeting. <i>Planta</i> , 1993, 192, 84.	3.2	13
36	Ten Simple Rules on How to Organise a Bioinformatics Hackathon. <i>EMBnet Journal</i> , 0, 26, e983.	0.6	0