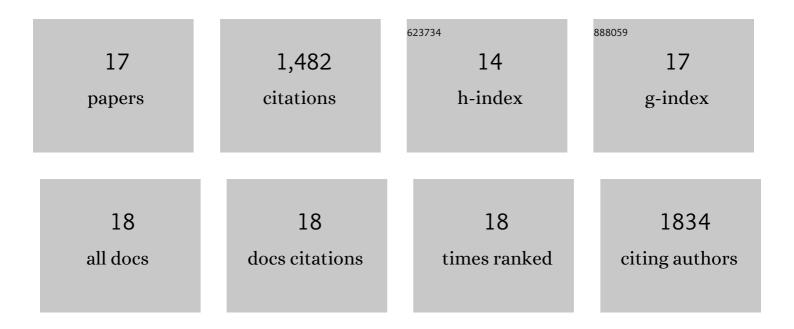
## Klaus Gase

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6237485/publications.pdf Version: 2024-02-01



KINIS CASE

#	Article	IF	CITATIONS
1	Specific decorations of 17-hydroxygeranyllinalool diterpene glycosides solve the autotoxicity problem of chemical defense in <i>Nicotiana attenuata</i> . Plant Cell, 2021, 33, 1748-1770.	6.6	18
2	California TRV-based VIGS vectors mediate gene silencing at elevated temperatures but with greater growth stunting. BMC Plant Biology, 2021, 21, 553.	3.6	3
3	An unbiased approach elucidates variation in ( <i>S</i> )-(+)-linalool, a context-specific mediator of a tri-trophic interaction in wild tobacco. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14651-14660.	7.1	41
4	Mate Selection in Self-Compatible Wild Tobacco Results from Coordinated Variation in Homologous Self-Incompatibility Genes. Current Biology, 2019, 29, 2020-2030.e5.	3.9	15
5	<i>O-</i> Acyl Sugars Protect a Wild Tobacco from Both Native Fungal Pathogens and a Specialist Herbivore. Plant Physiology, 2017, 174, 370-386.	4.8	84
6	Wild tobacco genomes reveal the evolution of nicotine biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6133-6138.	7.1	160
7	Functional specialization of <i>Nicotiana attenuata</i> phytochromes in leaf development and flowering time. Journal of Integrative Plant Biology, 2017, 59, 205-224.	8.5	10
8	Argonaute 8 (AGO8) Mediates the Elicitation of Direct Defenses against Herbivory. Plant Physiology, 2017, 175, 927-946.	4.8	30
9	Changes in cytokinins are sufficient to alter developmental patterns of defense metabolites in <i>Nicotiana attenuata</i> . Plant Journal, 2017, 89, 15-30.	5.7	28
10	Molecular evolution and diversification of the Argonaute family of proteins in plants. BMC Plant Biology, 2015, 15, 23.	3.6	49
11	Nectar secretion requires sucrose phosphate synthases and the sugar transporter SWEET9. Nature, 2014, 508, 546-549.	27.8	352
12	Transformational tools for next-generation plant ecology: manipulation of gene expression for the functional analysis of genes. Plant Ecology and Diversity, 2012, 5, 485-490.	2.4	22
13	Efficient screening of transgenic plant lines for ecological research. Molecular Ecology Resources, 2011, 11, 890-902.	4.8	47
14	Silencing Geranylgeranyl Diphosphate Synthase in <i>Nicotiana attenuata</i> Dramatically Impairs Resistance to Tobacco Hornworm  Â. Plant Physiology, 2008, 146, 974-986.	4.8	85
15	Occurrence of tetraploidy in Nicotiana attenuata plants after Agrobacterium-mediated transformation is genotype specific but independent of polysomaty of explant tissue. Plant Cell Reports, 2006, 25, 668-675.	5.6	68
16	Two-fold differences are the detection limit for determining transgene copy numbers in plants by real-time PCR. BMC Biotechnology, 2004, 4, 14.	3.3	145
17	Agrobacterium-mediated transformation of Nicotiana attenuata, a model ecological expression system. Chemoecology, 2002, 12, 177-183.	1.1	324