Akira S Hirao

List of Publications by Year
in descending order

27	658	687363 13	580821 25
papers	citations	h-index	g-index

31	31	31	910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Habitat-specific responses in the flowering phenology and seed set of alpine plants to climate variation: implications for global-change impacts. Population Ecology, 2006, 48, 49-58.	1.2	148
2	Landscape genetics of alpine-snowbed plants: comparisons along geographic and snowmelt gradients. Heredity, 2004, 93, 290-298.	2.6	75
3	Seasonal changes in pollinator activity influence pollen dispersal and seed production of the alpine shrub Rhododendron aureum (Ericaceae). Molecular Ecology, 2006, 15, 1165-1173.	3.9	65
4	The effect of segregation of flowering time on fine-scale spatial genetic structure in an alpine-snowbed herb Primula cuneifolia. Heredity, 2008, 100, 424-430.	2.6	50
5	Kinship between parents reduces offspring fitness in a natural population of Rhododendron brachycarpum. Annals of Botany, 2010, 105, 637-646.	2.9	44
6	Changes in pollinator fauna affect altitudinal variation of floral size in a bumblebeeâ€pollinated herb. Ecology and Evolution, 2014, 4, 3395-3407.	1.9	38
7	Genetic and reproductive consequences of forest fragmentation for populations of Magnolia obovata. Ecological Research, 2007, 22, 382-389.	1.5	36
8	Morphological and genetic variations of Potentilla matsumurae (Rosaceae) between fellfield and snowbed populations. American Journal of Botany, 2009, 96, 728-737.	1.7	34
9	Pollination Efficiency of Bumblebee Queens and Workers in the Alpine Shrub Rhododendron aureum. International Journal of Plant Sciences, 2011, 172, 70-77.	1.3	26
10	Habitat-Specific Responses of Alpine Plants to Climatic Amelioration: Comparison of Fellfield to Snowbed Communities. Arctic, Antarctic, and Alpine Research, 2010, 42, 438-448.	1.1	25
11	Adaptive significance of selfâ€fertilization in a hermaphroditic perennial, Trillium camschatcense (Melanthiaceae). American Journal of Botany, 2008, 95, 482-489.	1.7	24
12	Genetic diversity within populations of an arcticâ€“alpine species declines with decreasing latitude across the Northern Hemisphere. Journal of Biogeography, 2017, 44, 2740-2751.	3.0	21
13	Ecotypic divergences of the alpine herb Potentilla matsumurae adapted to fellfieldâ€“snowbed habitats across a series of mountain sky islands. American Journal of Botany, 2019, 106, 772-787.	1.7	14
14	Experimental and Field Data Support Range Expansion in an Allopolyploid Arabidopsis Owing to Parental Legacy of Heavy Metal Hyperaccumulation. Frontiers in Genetics, 2020, 11, 565854.	2.3	10
15	Genetic structure of a hybrid zone between two violets, <scp>V</scp>iola rossiiâ€…<scp>H</scp>emsl. and <scp>V.</scp>â€…bissetiiâ€…<scp>M</scp>axim.: dominance of <scp>F₁</scp> individuals in a narrow contact range. Plant Species Biology, 2015, 30, 237-243.	1.0	6
16	Landscape genetics of a threatened maple, Acer miyabei: Implications for restoring riparian forest connectivity. Biological Conservation, 2018, 220, 299-307.	4.1	6
17	Impact of Global Warming on Mountain and Polar Ecosystems: What Have Artificial Warming Experiments Told?. Journal of Geography (Chigaku Zasshi), 2013, 122, 628-637.	0.3	5
18	Development and evaluation of microsatellite markers for Acer miyabei (Sapindaceae), a threatened maple species in East Asia. Applications in Plant Sciences, 2015, 3, 1500020.	2.1	5

#	Article	IF	Citations
19	Development and Characterization of Microsatellite Markers for Three Pollination Morphs of <i>Cimicifuga simplex</i> (Ranunculaceae). American Journal of Plant Sciences, 2018, 09, 599-605.	0.8	4
20	Development and Evaluation of Microsatellite Markers for the Gynodioecious ShrubDaphne jezoensis(Thymelaeaceae). Applications in Plant Sciences, 2014, 2, 1400001.	2.1	3
21	Plant Genetic Diversity and Plantâ€“Pollinator Interactions Along Altitudinal Gradients. Structure and Function of Mountain Ecosystems in Japan, 2016, , 63-88.	0.5	3
22	Development of microsatellite markers for a giant water bug, <i>Appasus japonicus</i>, distributed in East Asia. Genes and Genetic Systems, 2020, 95, 323-329.	0.7	3
23	Genetic variation of a relict maple Acer miyabei : Uncovering its history of disjunct occurrence and the role of mountain refugia in shaping genetic diversity. American Journal of Botany, 2021, , .	1.7	3
24	Cost-Effective Discovery of Nucleotide Polymorphisms in Populations of an Allopolyploid Species Using Pool-Seq. American Journal of Molecular Biology, 2017, 07, 1031-1046.	0.3	2
25	Patterns of Internode Elongation in Rice Seedlings. Plant Production Science, 2001, 4, 88-89.	2.0	1
26	Geographical distribution, genetic diversity, and reproductive traits of mixed polyploid populations in Parasenecio kamtschaticus (Senecioneae; Asteraceae). Plant Systematics and Evolution, 2020, 306, 1.	0.9	1
27	Draft Genome Sequence of Novel Metschnikowia sp. Strain JCM 33374, a Nectar Yeast Isolated from a Bumblebee. Microbiology Resource Announcements, 2019, 8, .	0.6	1