

Ryo Hanai

List of Publications by Year in descending order

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76
papers

1,483
citations

279798

23
h-index

345221

36
g-index

79
all docs

79
docs citations

79
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of the amino-terminal fragment of vaccinia virus DNA topoisomerase I at 1.6 Å resolution. <i>Structure</i> , 1994, 2, 767-777.	3.3	75
2	Expression of a small (p)ppGpp synthetase, YwaC, in the (p)ppGpp ⁰ mutant of <i>Bacillus subtilis</i> triggers YvyD-dependent dimerization of ribosome. <i>MicrobiologyOpen</i> , 2012, 1, 115-134.	3.0	72
3	Chemical and Genetic Study of <i>Ligularia tongolensis</i> , <i>Ligularia cymbulifera</i> , and <i>Ligularia atroviolacea</i> in the Hengduan Mountains of China. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1302-1308.	3.2	69
4	Chemical constituents of <i>Ligularia virgaurea</i> and its diversity in southwestern Sichuan of China. <i>Tetrahedron</i> , 2006, 62, 4988-4995.	1.9	68
5	Molecular Dissection of a Protein SopB Essential for F Plasmid Partition. <i>Journal of Biological Chemistry</i> , 1996, 271, 17469-17475.	3.4	61
6	Diversity of <i>Ligularia kanaitzensis</i> in sesquiterpenoid composition and neutral DNA sequences. <i>Tetrahedron</i> , 2008, 64, 4486-4495.	1.9	60
7	Two new furanoeremophilane sesquiterpenoids from <i>Ligularia oligonema</i> . <i>Natural Product Communications</i> , 2010, 5, 1-4.	0.5	60
8	Diversity of furanoeremophilanes in major <i>Ligularia</i> species in the Hengduan Mountains. <i>Natural Product Communications</i> , 2012, 7, 539-48.	0.5	57
9	Overlapping chemical and genetic diversity in <i>Ligularia lamarum</i> and <i>Ligularia subspicata</i> . Isolation of ten new eremophilanes and a new seco-bakkane compound. <i>Tetrahedron</i> , 2011, 67, 2220-2231.	1.9	52
10	Ribosome dimerization is essential for the efficient regrowth of <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2016, 162, 448-458.	1.8	48
11	Chemical and genetic diversity of <i>Ligularia vellerea</i> in Yunnan, China. <i>Phytochemistry</i> , 2008, 69, 1158-1165.	2.9	47
12	Isolation of new eremophilane-type sesquiterpenoids, subspicatins A-D and subspicatolide from <i>Ligularia subspicata</i> , and chemical and genetic diversity of the species. <i>Tetrahedron</i> , 2008, 64, 9136-9142.	1.9	44
13	Diversity of Furanoeremophilanes in Major <i>Ligularia</i> Species in the Hengduan Mountains. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	41
14	Chemical and Genetic Study of <i>Ligularia cyathiceps</i> in Yunnan Province of China. <i>Helvetica Chimica Acta</i> , 2009, 92, 2071-2081.	1.6	40
15	Chemical and genetic diversity of <i>Ligularia virgaurea</i> collected in northern Sichuan and adjacent areas of China. Isolation of 13 new compounds. <i>Tetrahedron</i> , 2012, 68, 10011-10029.	1.9	38
16	The effects of guanine and cytosine variation on dinucleotide frequency and amino acid composition in the human genome. <i>Journal of Molecular Evolution</i> , 1988, 27, 321-325.	1.8	36
17	Chemical and Genetic Differentiation of <i>Ligularia pleurocaulis</i> in Northwestern Yunnan and Southwestern Sichuan Provinces of China. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 300-304.	3.2	35
18	High Diversity of <i>Ligularia dictyoneura</i> in Chemical Composition and DNA Sequence. <i>Chemistry and Biodiversity</i> , 2007, 4, 2874-2888.	2.1	34

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19	Diversity in Furanoeremophilane Composition Produced by <i>Ligularia</i> Species (Asteraceae) in the Hengduan Mountains Area of China. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 717-725.	0.1	28
20	Characterization of two isoforms of a human DnaJ homologue, HSJ2. <i>Molecular Biology Reports</i> , 2003, 30, 149-153.	2.3	27
21	Chemical and Genetic Diversity of <i>Ligularia latihastata</i> and <i>Ligularia villosa</i> in Yunnan Province of China. <i>Chemistry and Biodiversity</i> , 2007, 4, 2210-2217.	2.1	25
22	Chemical and Genetic Study of <i>Ligularia duciformis</i> and Related Species in Sichuan and Yunnan Provinces of China. <i>Chemistry and Biodiversity</i> , 2012, 9, 789-805.	2.1	23
23	Chemical constituents of <i>Ligularia nelumbifolia</i> and <i>L. subspicata</i> hybrid collected in Shangrila County, Yunnan Province of China. <i>Natural Product Communications</i> , 2012, 7, 1565-8.	0.5	23
24	Phenomenological theory of GC/AT pressure on DNA base composition. <i>Journal of Molecular Evolution</i> , 1991, 32, 374-378.	1.8	22
25	Chemical and Genetic Differentiation of <i>Ligularia tsangchanensis</i> in Yunnan and Sichuan Provinces of China. <i>Chemistry and Biodiversity</i> , 2007, 4, 500-507.	2.1	22
26	Chemical Constituents of <i>Ligularia franchetiana</i> Collected in Yunnan Province of China. <i>Heterocycles</i> , 2008, 75, 2029.	0.7	22
27	Chemical Constituents and Diversity of <i>Ligularia lankongensis</i> in Yunnan Province of China. <i>Journal of Natural Products</i> , 2008, 71, 520-524.	3.0	21
28	Chemical and Genetic Study of <i>Ligularia anoleuca</i> and <i>L. veitchiana</i> in Yunnan and Sichuan Provinces of China. <i>Helvetica Chimica Acta</i> , 2010, 93, 1945-1952.	1.6	17
29	Chemical and genetic similarity and diversity of <i>Ligularia anoleuca</i> and <i>L. fischeri</i> collected in the Hengduan Mountains of China. <i>Phytochemistry</i> , 2014, 102, 137-144.	2.9	17
30	Doublet preference and gene evolution. <i>Journal of Molecular Evolution</i> , 1990, 30, 109-115.	1.8	16
31	M Phase-Specific Association of Human Topoisomerase III β with Chromosomes. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 282-287.	2.1	16
32	Chemical and Genetic Studies on Hybrid of <i>Ligularia subspicata</i> and <i>Ligularia cyathiceps</i> Collected in Yunnan Province of China. <i>Chemistry and Biodiversity</i> , 2014, 11, 1438-1448.	2.1	16
33	Two New Furanoeremophilane Sesquiterpenoids from: <i>Ligularia oligonema</i> . <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	15
34	Chemical constituents of hybrids of <i>Ligularia cyathiceps</i> and <i>L. lamarum</i> / <i>L. subspicata</i> collected in China: Structures of subspicatins M, N, O1, and O2, and related compounds. <i>Phytochemistry</i> , 2017, 140, 69-76.	2.9	15
35	Complex diversity in <i>Ligularia kanaitzensis</i> . <i>Natural Product Communications</i> , 2012, 7, 431-4.	0.5	14
36	Analysis of the cis-trans isomerization kinetics of l-alanyl-l-proline by the elution-band relaxation method. <i>Journal of Chromatography A</i> , 1987, 394, 273-278.	3.7	13

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37	Novel third-letter bias in <i>Escherichia coli</i> codons revealed by rigorous treatment of coding constraints. <i>Journal of Molecular Biology</i> , 1989, 207, 655-660.	4.2	13
38	Chemical and Genetic Differentiation of <i>Ligularia hodgsonii</i> in Japan and China. <i>Chemistry and Biodiversity</i> , 2009, 6, 2184-2191.	2.1	13
39	Direct MS measurement of the extract of <i>Ligularia virgaurea</i> collected in Yunnan and Sichuan provinces of China. <i>Phytochemical Analysis</i> , 2010, 21, 513-523.	2.4	12
40	Chemical Constituents of <i>Ligularia Nelumbifolia</i> and <i>L. Subspicata</i> Hybrid Collected in Shangrila County, Yunnan Province of China. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	12
41	Chemotypes of <i>Ligularia vellerea</i> , its hybrids, and <i>L. melanothyrsa</i> . <i>Natural Product Communications</i> , 2015, 10, 9-12.	0.5	12
42	Chemical and genetic diversity of <i>Cremanthodium lineare</i> . <i>Phytochemistry</i> , 2013, 96, 184-190.	2.9	11
43	Elution-band relaxation method. <i>Biophysical Chemistry</i> , 1986, 25, 27-36.	2.8	10
44	New Oplopane-type Sesquiterpenoids from <i>Ligularia duciformis</i> . <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.5	8
45	Mode of DNA binding by SopA protein of <i>Escherichia coli</i> F plasmid. <i>Journal of Biochemistry</i> , 2011, 149, 455-461.	1.7	8
46	Intracellular localization and domain organization of human TRIM41 proteins. <i>Molecular Biology Reports</i> , 2005, 32, 87-93.	2.3	7
47	Complex Diversity in <i>Ligularia Kanaitzensis</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	7
48	The first isolation of furanoeremophilane from <i>Ligularia nelumbifolia</i> . <i>Natural Product Communications</i> , 2014, 9, 325-7.	0.5	7
49	Chemical Lineages of <i>Ligularia fischeri</i> . <i>Natural Product Communications</i> , 2016, 11, 139-43.	0.5	7
50	Chemical Constituents in Hybrids of <i>Ligularia tongolensis</i> and <i>L. cymbulifera</i> : Chemical Introgression in <i>L. tongolensis</i> . <i>Chemistry and Biodiversity</i> , 2016, 13, 837-844.	2.1	6
51	Intra-specific diversity of the chemical composition of <i>Ligularia lamarum</i> in the Hengduan Mountains, China: The structures of four new eremophilanes and a new seco-eremophilane. <i>Phytochemistry Letters</i> , 2017, 20, 139-145.	1.2	6
52	R-Loop Formation <i>In Trans</i> at an AGGAG Repeat. <i>Journal of Nucleic Acids</i> , 2013, 2013, 1-7.	1.2	5
53	Eremophilanes from <i>Ligularia hookeri</i> ; Collected in China and Structural Revision of 3 ^β -Aclyoxyfuraneremophilan-15,6-olide. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 668-673.	1.3	5
54	Chemical and Genetic Study of two <i>Ligularia</i> Hybrids in Shangrila County, Yunnan Province, China. <i>Natural Product Communications</i> , 2016, 11, 1057-1060.	0.5	5

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55	Vestiges of lost introns in the thermal stability map of DNA. FEBS Letters, 1988, 226, 247-249.	2.8	4
56	Four New Bisabolane-type Sesquiterpenes from <i>Ligularia Lankongensis</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	4
57	The First Isolation of Furanoeremophilane from <i>Ligularia nelumbifolia</i> . Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	4
58	Chemotypes of <i>Ligularia vellerea</i> , its Hybrids, and <i>L. melanothyrsa</i> . Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	4
59	Chemical Lineages of <i>Ligularia Fischeri</i> . Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	4
60	Terpenoids and Phenylpropanoids in <i>Ligularia duciformis</i> , <i>L. kongkalingensis</i> , <i>L. nelumbifolia</i> , and <i>L. limprichtii</i> . Molecules, 2017, 22, 2062.	3.8	3
61	Characteristic Features of Thermal Stability Map of DNA in <i>Escherichia coli</i> and Eukaryotic Genes. Journal of Biomolecular Structure and Dynamics, 1988, 6, 51-62.	3.5	2
62	New roles of DNA and SopB in polymerization of SopA of <i>Escherichia coli</i> F plasmid. Journal of Biochemistry, 2015, 157, 459-466.	1.7	2
63	Chemical and Genetic Study of two <i>Ligularia</i> Hybrids in Shangrila County, Yunnan Province, China. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	2
64	Chemical Composition of Intergeneric Hybrids Between <i>Ligularia</i> and <i>Cremanthodium</i> Collected in Sichuan Province of China. Natural Product Communications, 2019, 14, 1934578X1987893.	0.5	2
65	Diversity in Eremophilane Components of <i>Ligularia dictyoneura</i> in Yunnan and Sichuan Provinces of China. Natural Product Communications, 2019, 14, 1934578X1987893.	0.5	2
66	Diversity in Chemical Constituents of <i>Ligularia longihastata</i> Collected in China. Natural Product Communications, 2016, 11, 145-8.	0.5	2
67	Chemical and Genetic Diversity of <i>Ligularia hodgsonii</i> in China. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	1
68	Three New Eremophilanes from a <i>Ligularia</i> Hybrid Collected in China. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	1
69	Chemical and Genetic Identity of <i>Ligularia tsangchanensis</i> and <i>L. muliensis</i> . Isolation of a Cacalol Precursor from a Hybrid of <i>L. tsangchanensis</i> and <i>L. vellerea</i> . Natural Product Communications, 2018, 13, 1934578X1801300.	0.5	1
70	Diversity of Furanoeremophilane Composition in <i>Ligularia tongolensis</i> . Natural Product Communications, 2019, 14, 1934578X1987893.	0.5	1
71	Chemical and Genetic Diversity of <i>Ligularia kanaitzensis</i> in the Hengduan Mountains Area. Chemical Relationship with <i>L. subspicata</i> . Chemistry and Biodiversity, 2021, 18, e2100444.	2.1	1
72	Chemical Constituents of <i>Ligularia Wilsoniana</i> Collected in Chongqing, China. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	0

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73	Diversity in Chemical Constituents of <i>Ligularia Longihastata</i> Collected in China. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	0
74	Chemical Diversity in <i>Ligularia oligonema</i> . Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	0
75	Nibbling Omic Space in Hengduan Mountains in China. Seibutsu Butsuri, 2012, 52, 036-037.	0.1	0
76	Characteristic features of protein coding regions in DNA - From the viewpoint of thermal stability map.. Seibutsu Butsuri, 1988, 28, 57-60.	0.1	0