G Ledyard Stebbins

List of Publications by Year
in descending order

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59 papers	8,932 citations	201674 27 h-index	161849 54 g-index
62 all docs	62 docs citations	62 times ranked	4679 citing authors

#	Article	IF	Citations
1	Flowering Plants. , 1974, , .		1,265
2	Self Fertilization and Population Variability in the Higher Plants. American Naturalist, 1957, 91, 337-354.	2.1	1,116
3	Types of Polyploids: Their Classification and Significance. Advances in Genetics, 1947, 1, 403-429.	1.8	566
4	Polyploidy, Hybridization, and the Invasion of New Habitats. Annals of the Missouri Botanical Garden, 1985, 72, 824.	1.3	364
5	The Inviability, Weakness, and Sterility of Interspecific Hybrids. Advances in Genetics, 1958, 9, 147-215.	1.8	353
6	CYTOGENETICS AND EVOLUTION OF THE GRASS FAMILY. American Journal of Botany, 1956, 43, 890-905.	1.7	156
7	CYTOLOGICAL CHARACTERISTICS ASSOCIATED WITH THE DIFFERENT GROWTH HABITS IN THE DICOTYLEDONS. American Journal of Botany, 1938, 25, 189-198.	1.7	143
8	The Significance of Polyploidy in Plant Evolution. American Naturalist, 1940, 74, 54-66.	2.1	141
9	Polyploidy in Plants: Unsolved Problems and Prospects. , 1980, 13, 495-520.		120
10	VARIATION IN THE ORGANIZATION OF THE STOMATAL COMPLEX IN THE LEAF EPIDERMIS OF MONOCOTYLEDONS AND ITS BEARING ON THEIR PHYLOGENY. American Journal of Botany, 1961, 48, 51-59.	1.7	109
11	The cytological analysis of species hybrids. II. Botanical Review, The, 1945, 11, 463-486.	3.9	103
12	Cytogenetics and Evolution of the Grass Family. American Journal of Botany, 1956, 43, 890.	1.7	98
13	Why Are There So Many Species of Flowering Plants?. BioScience, 1981, 31, 573-577.	4.9	97
14	THE SIGNIFICANCE OF HYBRIDIZATION FOR PLANT TAXONOMY AND EVOLUTION. Taxon, 1969, 18, 26-35.	0.7	87
15	Variation in the Organization of the Stomatal Complex in the Leaf Epidermis of Monocotyledons and Its Bearing on Their Phylogeny. American Journal of Botany, 1961, 48, 51.	1.7	66
16	Cytology of Antennaria. II. Parthenogenetic Species. Botanical Gazette, 1932, 94, 322-345.	0.6	54
17	THE MORPHOGENETIC EFFECTS OF THE HOODED GENE IN BARLEY. I. THE COURSE OF DEVELOPMENT IN HOODED AND AWNED GENOTYPES. Genetics, 1966, 54, 727-741.	2.9	53
18	CYTOGENETIC AND EVOLUTIONARY STUDIES IN SECALE. I. SOME NEW DATA ON THE ANCESTRY OF S. CEREALE. American Journal of Botany, 1961, 48, 723-730.	1.7	52

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19	Polyploid Complexes in Relation to Ecology and the History of Floras. American Naturalist, 1942, 76, 36-45.	2.1	50
20	Evidence on Rates of Evolution from the Distribution of Existing and Fossil Plant Species. Ecological Monographs, 1947, 17, 149-158.	5.4	46
21	Structural hybridity inPaeonia californica andP. Brownii. Journal of Genetics, 1939, 38, 1-36.	0.7	38
22	DEVELOPMENTAL GENETICS IN BARLEY: A MUTANT FOR STOMATAL DEVELOPMENT. American Journal of Botany, 1972, 59, 143-148.	1.7	35
23	THE EVOLUTIONARY SIGNIFICANCE OF NATURAL AND ARTIFICIAL POLYPLOIDS IN THE FAMILY GRAMINEAE. Hereditas, 1949, 35, 461-485.	1.4	35
24	THE ROLE OF POLYPLOID COMPLEXES IN THE EVOLUTION OF NORTH AMERICAN GRASSLANDS. Taxon, 1975, 24, 91-106.	0.7	34
25	The Evolution of Darwinism. Scientific American, 1985, 253, 72-82.	1.0	33
26	CYTOGENETIC EVIDENCE FOR LONG CONTINUED STABILITY IN THE GENUSPLANTAGO. Evolution; International Journal of Organic Evolution, 1967, 21, 409-428.	2.3	31
27	Species diversity, ecology and evolution in a primitive Angiosperm genus:Hibbertia (Dilleniaceae). Plant Systematics and Evolution, 1976, 125, 139-154.	0.9	30
28	DISTRIBUTION OF SEXUAL AND APOMICTIC POPULATIONS OFANTENNARIA PARLINII. Evolution; International Journal of Organic Evolution, 1983, 37, 555-561.	2.3	29
29	Variation and Evolution in Plants: Progress During the Past Twenty Years. , 1970, , 173-208.		28
30	Cytology of Antennaria. I. Normal Species. Botanical Gazette, 1932, 94, 134-151.	0.6	27
31	CHROMOSOMAL VARIATION IN GUAYULE AND MARIOLA. Journal of Heredity, 1944, 35, 163-172.	2.4	24
32	CHANGED ORIENTATION OF THE MITOTIC SPINDLE OF STOMATAL GUARD CELL DIVISIONS IN HORDEUM VULGARE. American Journal of Botany, 1967, 54, 71-80.	1.7	22
33	Cytogenetic and Evolutionary Studies in Secale. I. Some New Data on the Ancestry of S. cereale. American Journal of Botany, 1961, 48, 723.	1.7	22
34	CHROMOSOME NUMBERS OF NORTH AMERICAN SPECIES OF ANTENNARIA GAERTNER (ASTERACEAE:) Tj ETQq0 0 0 rgBT /Overlock 10	1.7	21
35	POPULATION VARIABILITY, HYBRIDIZATION, AND ***INTROGRESSION IN SOME SPECIES OFOPHRYS. Evolution; International Journal of Organic Evolution, 1956, 10, 32-46.	2.3	20
36	PERSPECTIVES IN EVOLUTIONARY THEORY. Evolution; International Journal of Organic Evolution, 1982, 36, 1109-1118.	2.3	19

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37	GENES, CHROMOSOMES, AND EVOLUTION. , 1959, , 258-290.		18
38	Mosaic evolution, mosaic selection and angiosperm phylogeny. Botanical Journal of the Linnean Society, 1984, 88, 149-164.	1.6	17
39	ARTIFICIAL AND NATURAL HYBRIDS IN THE GRAMINEAE, TRIBE HORDEAE. IV. TWO TRIPLOID HYBRIDS OF AGROPYRON AND ELYMUS. American Journal of Botany, 1950, 37, 388-393.	1.7	16
40	Developmental Genetics in Barley: A Mutant for Stomatal Development. American Journal of Botany, 1972, 59, 143.	1.7	16
41	BIOSYSTEMATICS: AN AVENUE TOWARDS UNDERSTANDING EVOLUTION. Taxon, 1970, 19, 205-214.	0.7	15
42	Morphological and cytological evidence for polyphyletic allopolyploidy inArctostaphylos mewukka (Ericaceae). Plant Systematics and Evolution, 1992, 179, 187-205.	0.9	12
43	Gene Action and Morphogenesis in Plants. Stadler Genetics Symposia Series, 1986, , 29-46.	0.0	10
44	Changed Orientation of the Mitotic Spindle of Stomatal Guard Cell Divisions in Hordeum vulgare. American Journal of Botany, 1967, 54, 71.	1.7	10
45	Chromosomal rearrangements in Plantago insularis Eastw.. Chromosoma, 1969, 26, 449-468.	2.2	9
46	COMMENTS ON THE SEARCH FOR A â€˜PERFECT SYSTEMâ€™. Taxon, 1969, 18, 357-359.	0.7	8
47	Chromosome Numbers of North American Species of Antennaria Gaertner (Asteraceae: Inuleae). American Journal of Botany, 1981, 68, 1342.	1.7	8
48	FOUR BASIC QUESTIONS OF PLANT BIOLOGY. American Journal of Botany, 1964, 51, 220-230.	1.7	7
49	BUILDING BRIDGES BETWEEN EVOLUTIONARY DISCIPLINES. Taxon, 1974, 23, 11-20.	0.7	7
50	Four Basic Questions of Plant Biology. American Journal of Botany, 1964, 51, 220.	1.7	7
51	A Morphological and Histological Study of the Tomato Mutant 'Curl'. American Journal of Botany, 1971, 58, 517.	1.7	4
52	A MORPHOLOGICAL AND HISTOLOGICAL STUDY OF THE TOMATO MUTANT â€˜CURLâ€™. American Journal of Botany, 1971, 58, 517-524.	1.7	3
53	The origin and success of polyploids in the boreal circumpolar flora: A new analysis. Transactions of the Botanical Society of Edinburgh, 1986, 45, 17-31.	0.1	3
54	The origin and success of polyploids in the boreal circumpolar Flora: A new analysis. Botanical Journal of Scotland, 2006, 58, 151-164.	0.3	2

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55	A New Approach to Research on Evolution? Beyond Neo-Darwinism: A New Approach to the Evolutionary Paradigm Mae-Wan Ho Peter T. Saunders. BioScience, 1985, 35, 514-516.	4.9	1
56	Gene Action, Mitotic Frequency, and Morphogenesis in Higher Plants. , 1968, , 113-135.		1
57	Two Symposiums on Chromosomes: Chromosomes Today . Proceedings of a symposium (Oxford,) Tj ETQq1 1 0.784314 rgBT /O Chromosome, Manipulations and Plant Genetics . Contributions to a symposium held during the Tenth International Botanical Congress (Edinburgh), August 1964. Ralph Riley and K. R. Lewis, Eds. Plenum, New York, 1966. 131 pp., illus. $8.. Science, 1967, 155, 184-185.	12.6	1
58	ORIGINS OF ANGIOSPERMOUS PLANTS. Evolution; International Journal of Organic Evolution, 1960, 14, 138-139.	2.3	0
59	Gene Action, Mitotic Frequency, and Morphogenesis in Higher Plants. , 1968, , 113-135.		0