Pamela K Diggle

List of Publications by Year
in descending order

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63 papers	2,331 citations	236925 25 h-index	223800 46 g-index
65 all docs	65 docs citations	65 times ranked	2021 citing authors

#	Article	IF	Citations
1	Preforming floral primordia converge on a narrow range of stages at dormancy despite multiple effects of temperature on development. New Phytologist, 2022, 233, 2599-2613.	7.3	1
2	Comparative analysis of corolla tube development across three closely related Mimulus species with different pollination syndromes. Evolution & Development, 2021, 23, 244-255.	2.0	6
3	AJB announces a new Reviews Section. American Journal of Botany, 2020, 107, 1327-1327.	1.7	0
4	Developmental Genetics of Corolla Tube Formation: Role of the tasiRNA-ARF Pathway and a Conceptual Model. Plant Cell, 2020, 32, 3452-3468.	6.6	16
5	Diverse Developmental Responses to Warming Temperatures Underlie Changes in Flowering Phenologies. Integrative and Comparative Biology, 2019, 59, 559-570.	2.0	17
6	Contrasting lengths of Pelargonium floral nectar tubes result from late differences in rate and duration of growth. Annals of Botany, 2018, 121, 549-560.	2.9	12
7	Editorial: The beginning of a new partnership. American Journal of Botany, 2018, 105, 3-4.	1.7	0
8	Evidence for parent-of-origin effects and interparental conflict in seeds of an ancient flowering plant lineage. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172491.	2.6	25
9	Editorial: The beginning of a new partnership. Applications in Plant Sciences, 2018, 6, e1018.	2.1	0
10	The American Journal of Botany in 2017: Letâ€™s work together!. American Journal of Botany, 2017, 104, 3-4.	1.7	1
11	Non-equilibrium dynamics and floral trait interactions shape extant angiosperm diversity. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152304.	2.6	79
12	On the nature of things¹. American Journal of Botany, 2015, 102, 3-4.	1.7	1
13	The significance and scope of evolutionary developmental biology: a vision for the 21st century. Evolution & Development, 2015, 17, 198-219.	2.0	92
14	Developmental Plasticity of Shoot Architecture: Morphological Expression and Ecologically Relevant Onset in Locally Adapted Populations of Mimulus guttatus. International Journal of Plant Sciences, 2014, 175, 59-69.	1.3	6
15	Modularity and intra-floral integration in metameric organisms: plants are more than the sum of their parts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130253.	4.0	52
16	Developmental plasticity, genetic assimilation, and the evolutionary diversification of sexual expression in Solanum. American Journal of Botany, 2013, 100, 1050-1060.	1.7	31
17	Kin recognition within a seed and the effect of genetic relatedness of an endosperm to its compatriot embryo on maize seed development. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2217-2222.	7.1	23
18	Patterns of shoot architecture in locally adapted populations are linked to intraspecific differences in gene regulation. New Phytologist, 2012, 196, 271-281.	7.3	18

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19	Multiple developmental processes underlie sex differentiation in angiosperms. Trends in Genetics, 2011, 27, 368-376.	6.7	167
20	Female gametophyte development and double fertilization in Balsas teosinte, Zea mays subsp. parviglumis (Poaceae). Sexual Plant Reproduction, 2011, 24, 219-229.	2.2	14
21	Charles Darwin and the Origins of Plant Evolutionary Developmental Biology. Plant Cell, 2011, 23, 1194-1207.	6.6	31
22	Nodeâ€specific branching and heterochronic changes underlie populationâ€level differences in Mimulus guttatus (Phrymaceae) shoot architecture. American Journal of Botany, 2011, 98, 1924-1934.	1.7	14
23	The good, the bad and the flexible: plant interactions with pollinators and herbivores over space and time are moderated by plant compensatory responses. Annals of Botany, 2011, 108, 749-763.	2.9	26
24	Modular genetic architecture of floral morphology inNicotiana: quantitative genetic and comparative phenotypic approaches to floral integration. Journal of Evolutionary Biology, 2010, 23, 1744-1758.	1.7	40
25	Dynamics of maternal and paternal effects on embryo and seed development in wild radish (Raphanus) Tj ETQq1 1 0.784314 rgBT /Over	2.9	24
26	Floral Morphology in Nicotiana: Architectural and Temporal Effects on Phenotypic Integration. International Journal of Plant Sciences, 2008, 169, 225-240.	1.3	32
27	Correlated evolution of fruit size and sexual expression in andromonoeciousSolanumsectionsAcanthophoraandLasiocarpa(Solanaceae). American Journal of Botany, 2007, 94, 1706-1715.	1.7	36
28	The evolution of unisexual flowers: morphological and functional convergence results from diverse developmental transitions. American Journal of Botany, 2005, 92, 1068-1076.	1.7	118
29	Architectural effects mimic floral sexual dimorphism in Solanum (Solanaceae). American Journal of Botany, 2004, 91, 2030-2040.	1.7	31
30	The pattern of carbon allocation supporting growth of preformed shoot primordia in Acomastylis rossii (Rosaceae). American Journal of Botany, 2003, 90, 1313-1320.	1.7	18
31	Diversification of andromonoecy in Solanum section Lasiocarpa (Solanaceae): the roles of phenotypic plasticity and architecture. American Journal of Botany, 2003, 90, 707-715.	1.7	79
32	Barriers to Sexual Reproduction in Polygonum viviparum: A Comparative Developmental Analysis of P. viviparum and P. bistortoides. Annals of Botany, 2002, 89, 145-156.	2.9	19
33	Lack of reproductive plasticity in alpine Saxifraga rhomboidea (Saxifragaceae). Nordic Journal of Botany, 2002, 22, 361-368.	0.5	4
34	A developmental morphologist's perspective on plasticity. Evolutionary Ecology, 2002, 16, 267-283.	1.2	80
35	Subnivean embryo development in the alpine herb Caltha leptosepala (Ranunculaceae). Canadian Journal of Botany, 2001, 79, 635-642.	1.1	16
36	Mechanisms of differential pollen donor performance in wild radish, Raphanus sativus (Brassicaceae). American Journal of Botany, 2001, 88, 242-257.	1.7	58

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37	Preformation, architectural complexity, and developmental flexibility inAcomastylis rossii(Rosaceae). American Journal of Botany, 2001, 88, 980-991.	1.7	46
38	Subnivean embryo development in the alpine herb Caltha leptosepala (Ranunculaceae). Canadian Journal of Botany, 2001, 79, 635-642.	1.1	22
39	Developmental analysis of the evolutionary origin of vegetative propagules in Mimulus gemmiparus (Scrophulariaceae). American Journal of Botany, 1999, 86, 1512-1522.	1.7	18
40	Symmetry in Plants: Introduction. International Journal of Plant Sciences, 1999, 160, S1-S2.	1.3	2
41	Heteroblasty and the Evolution of Flowering Phenologies. International Journal of Plant Sciences, 1999, 160, S123-S134.	1.3	60
42	Flower Development and Male Sterility in Ocotea tenera (Lauraceae): A Gynodioecious Tropical Tree. International Journal of Plant Sciences, 1998, 159, 405-417.	1.3	11
43	Clonal Diversity in Alpine Populations of Polygonum viviparum (Polygonaceae). International Journal of Plant Sciences, 1998, 159, 606-615.	1.3	68
44	Extreme preformation in alpine Polygonum viviparum : an architectural and Developmental Analysis. American Journal of Botany, 1997, 84, 154-169.	1.7	143
45	Structural analysis of female and Hermaphroditic Flowers of a Gynodioecious Tree, Ocotea Tenera (Lauraceae). American Journal of Botany, 1997, 84, 298-307.	1.7	19
46	Analysis of developmental preformation in the alpine herb Caltha leptosepala (Ranunculaceae). American Journal of Botany, 1997, 84, 1646-1657.	1.7	42
47	Ontogenetic Contingency and Floral Morphology: The Effects of Architecture and Resource Limitation. International Journal of Plant Sciences, 1997, 158, S99-S107.	1.3	98
48	The Morphology and Evolution of Flowers: A Tribute to the Work of Shirley Tucker: An Introduction. International Journal of Plant Sciences, 1997, 158, S1-S2.	1.3	5
49	The genetics of floral development differentiating two species of Mimulus (Scrophulariaceae). Heredity, 1995, 74, 258-266.	2.6	70
50	Architectural Effects and the Interpretation of Patterns of Fruit and Seed Development. Annual Review of Ecology, Evolution, and Systematics, 1995, 26, 531-552.	6.7	197
51	T<scp>he expression of andromonoecy in</scp>S<scp>olanum hirtum</scp> (S<scp>olanaceae</scp>): phenotypic plasticity and ontogenetic contingency</scp>. American Journal of Botany, 1994, 81, 1354-1365.	1.7	74
52	The Expression of Andromonoecy in Solanum hirtum (Solanaceae): Phenotypic Plasticity and Ontogenetic Contingency. American Journal of Botany, 1994, 81, 1354.	1.7	55
53	DEVELOPMENTAL PLASTICITY, GENETIC VARIATION, AND THE EVOLUTION OF ANDROMONOECY IN SOLANUM HIRTUM (SOLANACEAE). American Journal of Botany, 1993, 80, 967-973.	1.7	47
54	Developmental Plasticity, Genetic Variation, and the Evolution of Andromonoecy in Solanum hirtum (Solanaceae). American Journal of Botany, 1993, 80, 967.	1.7	19

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55	Labile sex expression in andromonoecious Solanum hirtum: pattern of variation in floral structure. Canadian Journal of Botany, 1991, 69, 2033-2043.	1.1	27
56	LABILE SEX EXPRESSION IN ANDROMONOECIOUS SOLANUM HIRTUM: FLORAL DEVELOPMENT AND SEX DETERMINATION. American Journal of Botany, 1991, 78, 377-393.	1.7	25
57	Labile Sex Expression in Andromonoecious Solanum hirtum: Floral Development and Sex Determination. American Journal of Botany, 1991, 78, 377.	1.7	14
58	THE RELATIONSHIP BETWEEN THE PRIMARY THICKENING MERISTEM AND THE SECONDARY THICKENING MERISTEM IN YUCCA WHIPPLEI TORR. III. OBSERVATIONS FROM HISTOCHEMISTRY AND AUTORADIOGRAPHY. American Journal of Botany, 1984, 71, 1260-1267.	1.7	4
59	The Relationship Between the Primary Thickening Meristem and the Secondary Thickening Meristem in Yucca whipplei Torr. III. Observations from Histochemistry and Autoradiography. American Journal of Botany, 1984, 71, 1260.	1.7	1
60	THE RELATIONSHIP BETWEEN THE PRIMARY THICKENING MERISTEM AND THE SECONDARY THICKENING MERISTEM IN YUCCA WHIPPLEI TORR. I. HISTOLOGY OF THE MATURE VEGETATIVE STEM. American Journal of Botany, 1983, 70, 1195-1204.	1.7	26
61	THE RELATIONSHIP BETWEEN THE PRIMARY THICKENING MERISTEM AND THE SECONDARY THICKENING MERISTEM IN YUCCA WHIPPLEI TORR. II. ONTOGENETIC RELATIONSHIP WITHIN THE VEGETATIVE STEM. American Journal of Botany, 1983, 70, 1205-1216.	1.7	21
62	The Relationship Between the Primary Thickening Meristem and the Secondary Thickening Meristem in Yucca whipplei Torr. I. Histology of the Mature Vegetative Stem. American Journal of Botany, 1983, 70, 1195.	1.7	14
63	The Relationship Between the Primary Thickening Meristem and the Secondary Thickening Meristem in Yucca whipplei Torr. II. Ontogenetic Relationship within the Vegetative Stem. American Journal of Botany, 1983, 70, 1205.	1.7	9