

John H Graham

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,317
citations

201674

27
h-index

214800

47
g-index

53
all docs

53
docs citations

53
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluctuating Asymmetry: Methods, Theory, and Applications. <i>Symmetry</i> , 2010, 2, 466-540.	2.2	284
2	Antisymmetry, directional asymmetry, and dynamic morphogenesis. <i>Genetica</i> , 1993, 89, 121-137.	1.1	210
3	Developmental stability in plants: Symmetries, stress and epigenesis. <i>Genetica</i> , 1993, 89, 97-119.	1.1	157
4	Directional asymmetry and the measurement of developmental instability. <i>Biological Journal of the Linnean Society</i> , 1998, 64, 1-16.	1.6	136
5	Narrow Hybrid Zone Between Two Subspecies of Big Sagebrush (<i>Artemisia tridentata</i> : Asteraceae). IV. Reciprocal Transplant Experiments. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 95.	2.3	121
6	Effects of lead and benzene on the developmental stability of <i>Drosophila melanogaster</i> . <i>Ecotoxicology</i> , 1993, 2, 185-195.	2.4	82
7	Growth models and the expected distribution of fluctuating asymmetry. <i>Biological Journal of the Linnean Society</i> , 2003, 80, 57-65.	1.6	78
8	GENOMIC COADAPTATION AND DEVELOPMENTAL STABILITY WITHIN INTROGRESSED POPULATIONS OF <i>ENNEACANTHUS GLORIOSUS</i> AND <i>E. OBESUS</i> (PISCES, CENTRARCHIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 104-114.	2.3	70
9	Fluctuating Asymmetry of Human Populations: A Review. <i>Symmetry</i> , 2016, 8, 154.	2.2	65
10	Narrow hybrid zone between two subspecies of big sagebrush (<i>Artemisia tridentata</i> : Asteraceae). II. Selection gradients and hybrid fitness. <i>American Journal of Botany</i> , 1995, 82, 709-716.	1.7	57
11	NARROW HYBRID ZONE BETWEEN TWO SUBSPECIES OF BIG SAGEBRUSH (<i>ARTEMISIA TRIDENTATA</i>) <i>Evolution</i> , 1997, 51, 95-102.	2.3	57
12	Within- and Among-Individual Variation in Fluctuating Asymmetry of Leaves in the Fig (<i>Ficus carica</i> L.). <i>International Journal of Plant Sciences</i> , 1999, 160, 116-121.	1.3	53
13	The Humpbacked Species Richness-Curve: A Contingent Rule for Community Ecology. <i>International Journal of Ecology</i> , 2011, 2011, 1-15.	0.8	50
14	Developmental stability and its applications in ecotoxicology. <i>Ecotoxicology</i> , 1993, 2, 175-184.	2.4	49
15	Species richness, equitability, and abundance of ants in disturbed landscapes. <i>Ecological Indicators</i> , 2009, 9, 866-877.	6.3	49
16	Antisymmetry, directional asymmetry, and dynamic morphogenesis. <i>Contemporary Issues in Genetics and Evolution</i> , 1994, , 123-139.	0.9	49
17	Growth and developmental stability of <i>Drosophila melanogaster</i> in low frequency magnetic fields. <i>Bioelectromagnetics</i> , 2000, 21, 465-472.	1.6	45
18	Triploid progeny of pumpkinseed X green sunfish hybrids. <i>Journal of Heredity</i> , 1985, 76, 251-257.	2.4	44

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19	Genomic Coadaptation and Developmental Stability Within Introgressed Populations of <i>Enneacanthus gloriosus</i> and <i>E. obesus</i> (Pisces, Centrarchidae). <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 104.	2.3	40
20	Detrended Correspondence Analysis of Dietary Data. <i>Transactions of the American Fisheries Society</i> , 1988, 117, 29-36.	1.4	39
21	How organisms do the right thing: The attractor hypothesis. <i>Chaos</i> , 1998, 8, 717-726.	2.5	36
22	Developmental Instability as a Means of Assessing Stress in Plants: A Case Study Using Electromagnetic Fields and Soybeans. <i>International Journal of Plant Sciences</i> , 1999, 160, S157-S166.	1.3	33
23	Nine-year reciprocal transplant experiment in the gardens of the basin and mountain big sagebrush (<i>Artemisia tridentata</i> : Asteraceae) hybrid zone of Salt Creek Canyon: the importance of multiple-year tracking of fitness. <i>Biological Journal of the Linnean Society</i> , 2005, 86, 213-225.	1.6	30
24	Developmental instability: measures of resistance and resilience using pumpkin (<i>Cucurbita pepo</i> L.). <i>Biological Journal of the Linnean Society</i> , 2003, 78, 27-41.	1.6	29
25	Distributional patterns of sunfishes on the New Jersey coastal plain. <i>Environmental Biology of Fishes</i> , 1984, 10, 137-148.	1.0	28
26	Narrow hybrid zone between two subspecies of big sagebrush, <i>Artemisia tridentata</i> (Asteraceae). III. Developmental instability. <i>American Journal of Botany</i> , 1995, 82, 1144-1152.	1.7	28
27	Narrow Hybrid Zone between Two Subspecies of Big Sagebrush (<i>Artemisia tridentata</i> : Asteraceae). II. Selection Gradients and Hybrid Fitness. <i>American Journal of Botany</i> , 1995, 82, 709.	1.7	28
28	Habitat disturbance and the diversity and abundance of ants (Formicidae) in the Southeastern Fall-Line Sandhills. <i>Journal of Insect Science</i> , 2004, 4, 30.	1.5	26
29	Narrow hybrid zone between two subspecies of big sagebrush (<i>Artemisia tridentata</i> : Asteraceae). <i>Oecologia</i> , 2001, 126, 239-246.	2.0	25
30	Fluctuating Asymmetry and Developmental Instability, a Guide to Best Practice. <i>Symmetry</i> , 2021, 13, 9.	2.2	23
31	Developmental instability of vascular plants in contrasting microclimates at Evolution Canyon™. <i>Biological Journal of the Linnean Society</i> , 2011, 102, 786-797.	1.6	20
32	Species Diversity of Fishes in Naturally Acidic Lakes in New Jersey. <i>Transactions of the American Fisheries Society</i> , 1993, 122, 1043-1057.	1.4	19
33	Developmental Instability in <i>Rhus copallinum</i> L.: Multiple Stressors, Years, and Responses. <i>International Journal of Plant Sciences</i> , 2004, 165, 53-63.	1.3	19
34	Ant Community Composition Across a Gradient of Disturbed Military Landscapes at Fort Benning, Georgia. <i>Southeastern Naturalist</i> , 2008, 7, 429-448.	0.4	19
35	Mild Dermatoglyphic Deviations in Adolescents with Autism Spectrum Disorders and Average Intellectual Abilities as Compared to Typically Developing Boys. <i>Autism Research & Treatment</i> , 2014, 2014, 1-6.	0.5	19
36	Narrow Hybrid Zone Between Two Subspecies of Big Sagebrush, <i>Artemisia tridentata</i> (Asteraceae). III. Developmental Instability. <i>American Journal of Botany</i> , 1995, 82, 1144.	1.7	19

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37	Fluctuating Asymmetry of Plant Leaves: Batch Processing with LAMINA and Continuous Symmetry Measures. <i>Symmetry</i> , 2015, 7, 255-268.	2.2	18
38	Nature, Nurture, and Noise: Developmental Instability, Fluctuating Asymmetry, and the Causes of Phenotypic Variation. <i>Symmetry</i> , 2021, 13, 1204.	2.2	17
39	Narrow hybrid zone between two subspecies of big sagebrush, <i>Artemisia tridentata</i> (Asteraceae). VIII. Spatial and temporal pattern of terpenes. <i>Biochemical Systematics and Ecology</i> , 1999, 27, 11-25.	1.3	16
40	Habitat disturbance and the diversity and abundance of ants (Formicidae) in the Southeastern Fall-Line Sandhills. <i>Journal of Insect Science</i> , 2004, 4, 1-15.	0.9	15
41	Narrow hybrid zone between two subspecies of big sagebrush (<i>Artemisia tridentata</i>): Tj ETQq1 1 0.784314 r _{BT} / Overlock 10 Tj	1.1	15
42	Estimating disturbance effects from military training using developmental instability and physiological measures of plant stress. <i>Ecological Indicators</i> , 2004, 3, 251-262.	6.3	14
43	Directional asymmetry and the measurement of developmental instability. <i>Biological Journal of the Linnean Society</i> , 1998, 64, 1-16.	1.6	14
44	Narrow Hybrid Zone between Two Subspecies of Big Sagebrush (<i>Artemisia tridentata</i> : Asteraceae). V. Soil Properties. <i>International Journal of Plant Sciences</i> , 1998, 159, 139-147.	1.3	13
45	The effects of drought and disturbance on the growth and developmental instability of loblolly pine (<i>Pinus taeda</i> L.). <i>Ecological Indicators</i> , 2012, 20, 143-150.	6.3	13
46	Growth and fluctuating asymmetry of human newborns: Influence of inbreeding and parental education. <i>American Journal of Physical Anthropology</i> , 2014, 153, 45-51.	2.1	13
47	Photosynthesis and Fluctuating Asymmetry as Indicators of Plant Response to Soil Disturbance in the Fall-Line Sandhills of Georgia: A Case Study Using <i>Rhus copallinum</i> and <i>Ipomoea pandurata</i> . <i>International Journal of Plant Sciences</i> , 2004, 165, 805-816.	1.3	9
48	Growth and Asymmetry of Soil Microfungal Colonies from "Evolution Canyon," Lower Nahal Oren, Mount Carmel, Israel. <i>PLoS ONE</i> , 2012, 7, e34689.	2.5	8
49	Random Phenotypic Variation of Yeast (<i>Saccharomyces cerevisiae</i>) Single-Gene Knockouts Fits a Double Pareto-Lognormal Distribution. <i>PLoS ONE</i> , 2012, 7, e48964.	2.5	7
50	Fluctuating Helical Asymmetry and Morphology of Snails (Gastropoda) in Divergent Microhabitats at "Evolution Canyons I and II," Israel. <i>PLoS ONE</i> , 2012, 7, e41840.	2.5	5
51	Reproductive success of Eastern Bluebirds (<i>Sialia sialis</i>) varies with the timing and severity of drought. <i>PLoS ONE</i> , 2019, 14, e0214266.	2.5	4