

Geir H Bolstad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7830376/publications.pdf>

Version: 2024-02-01

38
papers

2,408
citations

331670

21
h-index

315739

38
g-index

41
all docs

41
docs citations

41
times ranked

2565
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Sex-dependent dominance at a single locus maintains variation in age at maturity in salmon. <i>Nature</i> , 2015, 528, 405-408. | 27.8 | 527 |
| 2 | Integrated phenotypes: understanding trait covariation in plants and animals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130245. | 4.0 | 224 |
| 3 | ALLOMETRIC CONSTRAINTS AND THE EVOLUTION OF ALLOMETRY. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 866-885. | 2.3 | 193 |
| 4 | Evolution of morphological allometry. <i>Annals of the New York Academy of Sciences</i> , 2014, 1320, 58-75. | 3.8 | 188 |
| 5 | Mutation predicts 40 million years of fly wing evolution. <i>Nature</i> , 2017, 548, 447-450. | 27.8 | 146 |
| 6 | Genetic constraints predict evolutionary divergence in <i>Dalechampia</i> blossoms. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130255. | 4.0 | 111 |
| 7 | Complex constraints on allometry revealed by artificial selection on the wing of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13284-13289. | 7.1 | 104 |
| 8 | Gene flow from domesticated escapes alters the life history of wild Atlantic salmon. <i>Nature Ecology and Evolution</i> , 2017, 1, 124. | 7.8 | 97 |
| 9 | Life history evolution under fluctuating density-dependent selection and the adaptive alignment of pace-of-life syndromes. <i>Biological Reviews</i> , 2019, 94, 230-247. | 10.4 | 90 |
| 10 | On the Relationship between Ontogenetic and Static Allometry. <i>American Naturalist</i> , 2013, 181, 195-212. | 2.1 | 88 |
| 11 | Artificial selection on allometry: change in elevation but not slope. <i>Journal of Evolutionary Biology</i> , 2012, 25, 938-948. | 1.7 | 85 |
| 12 | Macroevolutionary patterns of pollination accuracy: a comparison of three genera. <i>New Phytologist</i> , 2009, 183, 600-617. | 7.3 | 57 |
| 13 | Direct selection at the blossom level on floral reward by pollinators in a natural population of <i>Dalechampia schottii</i> : full disclosure honesty?. <i>New Phytologist</i> , 2010, 188, 370-384. | 7.3 | 43 |
| 14 | The evolvability of herkogamy: Quantifying the evolutionary potential of a composite trait. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1572-1586. | 2.3 | 37 |
| 15 | Ecological regime shift in the Northeast Atlantic Ocean revealed from the unprecedented reduction in marine growth of Atlantic salmon. <i>Science Advances</i> , 2022, 8, eabk2542. | 10.3 | 34 |
| 16 | Intersexual conflict over seed size is stronger in more outcrossed populations of a mixed-mating plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11561-11566. | 7.1 | 33 |
| 17 | The measure and mismeasure of reciprocity in heterostylous flowers. <i>New Phytologist</i> , 2017, 215, 906-917. | 7.3 | 32 |
| 18 | Demographic measures of an individual's "pace of life": fecundity rate, lifespan, generation time, or a composite variable?. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1. | 1.4 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Geographical variation in allometry in the guppy (<i>Poecilia reticulata</i>). <i>Journal of Evolutionary Biology</i> , 2011, 24, 2631-2638. | 1.7 | 28 |
| 20 | Pollinators and seed predators generate conflicting selection on <i>Dalechampia</i> blossoms. <i>Oikos</i> , 2013, 122, 1411-1428. | 2.7 | 27 |
| 21 | Walk the line: 600000 years of molar evolution constrained by allometry in the fossil rodent <i>Miomys savini</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20140057. | 4.0 | 25 |
| 22 | Temporal change in inbreeding depression in life-history traits in captive populations of guppy (<i>Poecilia reticulata</i>): evidence for purging?. <i>Journal of Evolutionary Biology</i> , 2011, 24, 823-834. | 1.7 | 23 |
| 23 | Introgression from farmed escapees affects the full life cycle of wild Atlantic salmon. <i>Science Advances</i> , 2021, 7, eabj3397. | 10.3 | 23 |
| 24 | Supplementary stocking selects for domesticated genotypes. <i>Nature Communications</i> , 2019, 10, 199. | 12.8 | 22 |
| 25 | Interactions Among Female Guppies (<i>Poecilia reticulata</i>) Affect Growth and Reproduction. <i>Ethology</i> , 2012, 118, 752-765. | 1.1 | 15 |
| 26 | Does stronger pollen competition improve offspring fitness when pollen load does not vary?. <i>American Journal of Botany</i> , 2016, 103, 522-531. | 1.7 | 15 |
| 27 | Using ecological context to interpret spatiotemporal variation in natural selection. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 294-309. | 2.3 | 14 |
| 28 | The effects of sexual selection on life-history traits: an experimental study on guppies. <i>Journal of Evolutionary Biology</i> , 2014, 27, 404-416. | 1.7 | 11 |
| 29 | Trends in marine survival of Atlantic salmon populations in eastern Canada. <i>ICES Journal of Marine Science</i> , 2021, 78, 2460-2473. | 2.5 | 11 |
| 30 | Mitigation of acidified salmon rivers – effects of liming on young brown trout <i>Salmo trutta</i> . <i>Journal of Fish Biology</i> , 2017, 91, 1350-1364. | 1.6 | 10 |
| 31 | Development of microsatellite markers for the neotropical vine <i>Dalechampia scandens</i> (Euphorbiaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1200492. | 2.1 | 9 |
| 32 | Did natural selection make the Dutch taller? A cautionary note on the importance of quantification in understanding evolution. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3204-3206. | 2.3 | 9 |
| 33 | Quantitative assessment of observed versus predicted responses to selection. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2217-2236. | 2.3 | 8 |
| 34 | Novel microsatellite markers for <i>Dalechampia scandens</i> (Euphorbiaceae) and closely related taxa: application to studying a species complex. <i>Plant Species Biology</i> , 2017, 32, 179-186. | 1.0 | 7 |
| 35 | Analyzing Disparity and Rates of Morphological Evolution with Model-Based Phylogenetic Comparative Methods. <i>Systematic Biology</i> , 2022, 71, 1054-1072. | 5.6 | 7 |
| 36 | Is There More to Within-plant Variation in Seed Size than Developmental Noise?. <i>Evolutionary Biology</i> , 2021, 48, 366-377. | 1.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The effect of purging on sexually selected traits through antagonistic pleiotropy with survival. <i>Ecology and Evolution</i> , 2012, 2, 1181-1194. | 1.9 | 6 |
| 38 | Quantifying nonadditive selection caused by indirect ecological effects: Comment. <i>Ecology</i> , 2017, 98, 278-282. | 3.2 | 2 |