

Yikweon Jang

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,346
citations

331670

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454955

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83
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docs citations

83
times ranked

1031
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | MacroevoLutionary Patterns in the Aphidini Aphids (Hemiptera: Aphididae): Diversification, Host Association, and Biogeographic Origins. PLoS ONE, 2011, 6, e24749. | 2.5 | 64 |
| 2 | Sex-Chromosome Homomorphy in Palearctic Tree Frogs Results from Both Turnovers and Xâ€Y Recombination. Molecular Biology and Evolution, 2015, 32, 2328-2337. | 8.9 | 57 |
| 3 | Quantitative genetics of female choice in an ultrasonic pyralid moth, <i>Achroia grisella</i> : variation and evolvability of preference along multiple dimensions of the male advertisement signal. Heredity, 2000, 84, 73-80. | 2.6 | 51 |
| 4 | Geographic Variation in Advertisement Calls in a Tree Frog Species: Gene Flow and Selection Hypotheses. PLoS ONE, 2011, 6, e23297. | 2.5 | 49 |
| 5 | Divergence in female calling song discrimination between sympatric and allopatric populations of the southern wood cricket <i>Gryllus fultoni</i> (Orthoptera: Gryllidae). Behavioral Ecology and Sociobiology, 2006, 60, 150-158. | 1.4 | 48 |
| 6 | Phylogeography reveals an ancient cryptic radiation in East-Asian tree frogs (<i>Hyla japonica</i> group) and complex relationships between continental and island lineages. BMC Evolutionary Biology, 2016, 16, 253. | 3.2 | 42 |
| 7 | Mechanisms of selective attention in grasshopper choruses: who listens to whom?. Behavioral Ecology and Sociobiology, 1998, 43, 59-66. | 1.4 | 41 |
| 8 | Climate change-based models predict range shifts in the distribution of the only Asian plethodontid salamander: <i>Karsenia koreana</i> . Scientific Reports, 2019, 9, 11838. | 3.3 | 41 |
| 9 | Quantitative genetics of ultrasonic advertisement signalling in the lesser waxmoth <i>Achroia grisella</i> (Lepidoptera: Pyralidae). Heredity, 1999, 83, 644-651. | 2.6 | 38 |
| 10 | Variation and repeatability of ultrasonic sexual advertisement signals in <i>Achroia grisella</i> (Lepidoptera: Pyralidae). Scientific Reports, 2016, 6, 22601. | 2.7 | 37 |
| 11 | Colour and pattern change against visually heterogeneous backgrounds in the tree frog <i>Hyla japonica</i> . Scientific Reports, 2016, 6, 22601. | 3.3 | 37 |
| 12 | Introduced bullfrogs are associated with increased <i>Batrachochytrium dendrobatidis</i> prevalence and reduced occurrence of Korean treefrogs. PLoS ONE, 2017, 12, e0177860. | 2.5 | 37 |
| 13 | A comparative study of aggressiveness in eastern North American field cricket species (genus <i>Gryllus</i>). Behavioral Ecology and Sociobiology, 2008, 62, 1397-1407. | 1.4 | 34 |
| 14 | Spatiotemporal distributions and habitat characteristics of the endangered treefrog, <i>Hyla suweonensis</i> , in relation to sympatric <i>H. japonica</i> . Ecological Informatics, 2014, 24, 78-84. | 5.2 | 34 |
| 15 | Temporal and spatial differentiation in microhabitat use: Implications for reproductive isolation and ecological niche specification. Integrative Zoology, 2016, 11, 375-387. | 2.6 | 32 |
| 16 | Asymmetric competition over calling sites in two closely related treefrog species. Scientific Reports, 2016, 6, 32569. | 3.3 | 31 |
| 17 | Abiotic effects on calling phenology of three frog species in Korea. Animal Cells and Systems, 2012, 16, 260-267. | 2.2 | 30 |
| 18 | Impact of land reclamation and agricultural water regime on the distribution and conservation status of the endangered <i>Dryophytes suweonensis</i> . PeerJ, 2017, 5, e3872. | 2.0 | 29 |

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|----|--|-----|-----------|
| 19 | Phylogeographic and population insights of the Asian common toad (<i>Bufo gargarizans</i>) in Korea and China: population isolation and expansions as response to the ice ages. <i>PeerJ</i> , 2017, 5, e4044. | 2.0 | 29 |
| 20 | No reproductive character displacement in male advertisement signals of <i>Hyla japonica</i> in relation to the sympatric <i>H. suweonensis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1345-1355. | 1.4 | 25 |
| 21 | Description of a seminatural habitat of the endangered Suweon treefrog <i>Hyla suweonensis</i> . <i>Animal Cells and Systems</i> , 2015, 19, 216-220. | 2.2 | 22 |
| 22 | Yellow sea mediated segregation between North East Asian Dryophytes species. <i>PLoS ONE</i> , 2020, 15, e0234299. | 2.5 | 21 |
| 23 | Temperature Effects on the Temporal Properties of Calling Songs in the Crickets <i>Gryllus fultoni</i> and <i>G. vernalis</i> : Implications for Reproductive Isolation in Sympatric Populations. <i>Journal of Insect Behavior</i> , 2007, 20, 33-52. | 0.7 | 19 |
| 24 | Morphometrics of two sympatric species of tree frogs in Korea: a morphological key for the critically endangered <i>Hyla suweonensis</i> in relation to <i>H. japonica</i> . <i>Animal Cells and Systems</i> , 2013, 17, 348-356. | 2.2 | 19 |
| 25 | Impact of Water Quality on the Occurrence of Two Endangered Korean Anurans: <i>Dryophytes suweonensis</i> and <i>Pelophylax chosenicus</i> . <i>Herpetologica</i> , 2018, 74, 1-7. | 0.4 | 19 |
| 26 | Update on Distribution and Conservation Status of Amphibians in the Democratic People's Republic of Korea: Conclusions Based on Field Surveys, Environmental Modelling, Molecular Analyses and Call Properties. <i>Animals</i> , 2021, 11, 2057. | 2.3 | 18 |
| 27 | From Gondwana to the Yellow Sea, evolutionary diversifications of true toads <i>Bufo</i> sp. in the Eastern Palearctic and a revisit of species boundaries for Asian lineages. <i>ELife</i> , 2022, 11, . | 6.0 | 18 |
| 28 | Relationship between agro-environmental variables and breeding Hylids in rice paddies. <i>Scientific Reports</i> , 2018, 8, 8049. | 3.3 | 17 |
| 29 | Population trend inferred from aural surveys for calling anurans in Korea. <i>PeerJ</i> , 2018, 6, e5568. | 2.0 | 17 |
| 30 | Background matching by means of dorsal color change in treefrog populations (<i>Hyla japonica</i>). <i>Journal of Experimental Zoology</i> , 2014, 321, 108-118. | 1.2 | 16 |
| 31 | Efficient isolation method for high-quality genomic DNA from cicada exuviae. <i>Ecology and Evolution</i> , 2017, 7, 8161-8169. | 1.9 | 16 |
| 32 | Male Responses to Conspecific Advertisement Signals in the Field Cricket <i>Gryllus rubens</i> (Orthoptera: Gryllidae). <i>Journal of Experimental Zoology</i> , 2014, 321, 108-118. | 2.5 | 15 |
| 33 | Agonistic interactions between nymphs of <i>Lycorma delicatula</i> (Hemiptera: Fulgoridae). <i>Journal of Asia-Pacific Entomology</i> , 2011, 14, 21-25. | 0.9 | 14 |
| 34 | Sexually dimorphic male horns and their use in agonistic behaviors in the horn-headed cricket <i>Loxoblemmus doenitzi</i> (Orthoptera: Gryllidae). <i>Journal of Ethology</i> , 2011, 29, 435-441. | 0.8 | 14 |
| 35 | Stress response to acoustic stimuli in an aphid: A behavioral bioassay model. <i>Entomological Research</i> , 2012, 42, 320-329. | 1.1 | 14 |
| 36 | Interspecific Variation in Seasonal Migration and Brumation Behavior in Two Closely Related Species of Treefrogs. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, . | 2.2 | 14 |

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|----|---|-----|-----------|
| 37 | Data Quality and Participant Engagement in Citizen Science: Comparing Two Approaches for Monitoring Pollinators in France and South Korea. <i>Citizen Science: Theory and Practice</i> , 2019, 4, 22. | 1.2 | 14 |
| 38 | Reproductive Isolation in the Wood Cricket <i>Gryllus vernalis</i> (Orthoptera: Gryllidae). <i>Ethology</i> , 2007, 113, 87. | 1.1 | 13 |
| 39 | Convergent and divergent patterns of morphological differentiation provide more evidence for reproductive character displacement in a wood cricket <i>Gryllus fultoni</i> (Orthoptera: Gryllidae). <i>BMC Evolutionary Biology</i> , 2009, 9, 27. | 3.2 | 13 |
| 40 | Development and characterization of 15 microsatellite loci from <i>Lycorma delicatula</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 | 2.2 | 13 |
| 41 | Preference for natural borders in rice paddies by two treefrog species. <i>Animal Cells and Systems</i> , 2018, 22, 205-211. | 2.2 | 13 |
| 42 | Morphometrics of the final instar exuviae of five cicada species occurring in urban areas of central Korea. <i>Journal of Asia-Pacific Entomology</i> , 2012, 15, 627-630. | 0.9 | 12 |
| 43 | Impact of the Mid-Pleistocene Revolution and Anthropogenic Factors on the Dispersion of Asian Black-Spined Toads (<i>Duttaphrynus melanostictus</i>). <i>Animals</i> , 2020, 10, 1157. | 2.3 | 12 |
| 44 | Spatio-temporal characteristics and predictions of the endangered leopard cat <i>Prionailurus bengalensis euptilura</i> road-kills in the Republic of Korea. <i>Global Ecology and Conservation</i> , 2019, 19, e00673. | 2.1 | 11 |
| 45 | Host availability hypothesis: complex interactions with abiotic factors and predators may best explain population densities of cicada species. <i>Animal Cells and Systems</i> , 2014, 18, 143-153. | 2.2 | 10 |
| 46 | Urban heat island effect on cicada densities in metropolitan Seoul. <i>PeerJ</i> , 2018, 6, e4238. | 2.0 | 10 |
| 47 | Microhabitat use during brumation in the Japanese treefrog, <i>Dryophytes japonicus</i> . <i>Amphibia - Reptilia</i> , 2018, 39, 163-175. | 0.5 | 9 |
| 48 | Variations in boldness, behavioural and physiological traits of an endangered and a common hylid species from Korea. <i>Ethology Ecology and Evolution</i> , 2018, 30, 515-533. | 1.4 | 9 |
| 49 | Snakebite envenomings in the Republic of Korea from the 1970s to the 2020s: A review. <i>Toxicon</i> , 2021, 196, 8-18. | 1.6 | 9 |
| 50 | Catalogue of herpetological specimens of the Ewha Womans University Natural History Museum (EWNHM), Republic of Korea. <i>ZooKeys</i> , 2020, 965, 103-139. | 1.1 | 9 |
| 51 | Seoul, Keep Your Paddies! Implications for the Conservation of Hylid Species. <i>Animal Systematics, Evolution and Diversity</i> , 2015, 31, 176-181. | 0.2 | 9 |
| 52 | Policy Recommendation on the Restriction on Amphibian Trade Toward the Republic of Korea. <i>Frontiers in Environmental Science</i> , 2020, 8, . | 3.3 | 8 |
| 53 | Large-Scale Hybridisation as an Extinction Threat to the Suweon Treefrog (Hylidae: Dryophytes) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 2.3 | 8 |
| 54 | Not all cicadas increase thermal tolerance in response to a temperature gradient in metropolitan Seoul. <i>Scientific Reports</i> , 2020, 10, 1343. | 3.3 | 8 |

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|----|---|-----|-----------|
| 55 | Use of a spatially explicit individual-based model to predict population trajectories and habitat connectivity for a reintroduced ursid. <i>Oryx</i> , 2022, 56, 298-307. | 1.0 | 8 |
| 56 | Additional threat to <i>Hynobius</i> salamander eggs: predation by loaches (<i>Misgurnus</i> sp.) in agricultural wetlands. <i>Animal Biology</i> , 2019, 69, 451-461. | 1.0 | 7 |
| 57 | Policy Recommendation for the Conservation of the Suweon Treefrog (<i>Dryophytes suweonensis</i>) in the Republic of Korea. <i>Frontiers in Environmental Science</i> , 0, 7, . | 3.3 | 7 |
| 58 | Impact of the Miocene orogenesis on <i>Kaloula</i> spp. radiation and implication of local refugia on genetic diversification. <i>Integrative Zoology</i> , 2022, 17, 261-284. | 2.6 | 7 |
| 59 | New record of <i>Illinoia liriodendri</i> (Hemiptera: Aphididae) from Korea: North American exotic on tulip tree, <i>Liriodendron tulipifera</i> . <i>Journal of Asia-Pacific Entomology</i> , 2011, 14, 277-280. | 0.9 | 6 |
| 60 | Complete mitochondrial genome of <i>Dryophytes suweonensis</i> (Anura Hylidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 5-6. | 0.4 | 6 |
| 61 | First Report of <i>Dryophytes japonicus</i> ; Tadpoles in Saline Environment. <i>Russian Journal of Herpetology</i> , 2019, 26, 87. | 0.5 | 6 |
| 62 | Incorporation of latitude-adjusted bioclimatic variables increases accuracy in species distribution models. <i>Ecological Modelling</i> , 2022, 469, 109986. | 2.5 | 6 |
| 63 | Breeding preferences in the treefrogs <i>Dryophytes japonicus</i> (Hylidae) in Mongolia. <i>Journal of Natural History</i> , 2019, 53, 2685-2698. | 0.5 | 5 |
| 64 | Biodiversity and Transportation Infrastructure in the Republic of Korea: A Review on Impacts and Mitigation in Developing the Country. <i>Diversity</i> , 2021, 13, 519. | 1.7 | 5 |
| 65 | Ueno's brown frog <i>Rana ueno</i> indiscriminately ceases calling in the presence of daytime birds. <i>Ethology Ecology and Evolution</i> , 2020, 32, 251-263. | 1.4 | 4 |
| 66 | Predicting global climatic suitability for the four most invasive anuran species using ecological niche factor analysis. <i>Global Ecology and Conservation</i> , 2021, 25, e01433. | 2.1 | 4 |
| 67 | High mortality in <i>Bufo gargarizans</i> eggs associated with an undescribed <i>Saprolegnia ferax</i> strain in the Republic of Korea. <i>Diseases of Aquatic Organisms</i> , 2019, 137, 89-99. | 1.0 | 4 |
| 68 | East palearctic treefrog past and present habitat suitability using ecological niche models. <i>PeerJ</i> , 2022, 10, e12999. | 2.0 | 4 |
| 69 | Relationship between anuran larvae occurrence and aquatic environment in septentrional east Palearctic landscapes. <i>Herpetozoa</i> , 0, 34, 265-270. | 1.0 | 4 |
| 70 | Taxonomic review and morphometric analysis of the genus <i>Melanaphis</i> van der Goot (Hemiptera: Tingidae). <i>Journal of Insect Science and Technology</i> , 2022, 10, 50-61. | 2.2 | 3 |
| 71 | Treefrog lateral line as a mean of individual identification through visual and software assisted methodologies. <i>Journal of Ecology and Environment</i> , 2017, 41, . | 1.6 | 3 |
| 72 | Breeding range variation between Korean hylids (<i>Dryophytes</i> sp.). <i>Journal of Asia-Pacific Biodiversity</i> , 2019, 12, 135-138. | 0.4 | 3 |

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|----|--|-----|-----------|
| 73 | Evolution under unpredictable environmental conditions: quantitative genetics of larval life-history traits in a myrobatrachid frog <i>Crinia georgiana</i> . <i>Animal Cells and Systems</i> , 2012, 16, 425-430. | 2.2 | 2 |
| 74 | A Specimen of <i>Karsenia koreana</i> (Caudata: Plethodontidae) Misidentified as <i>Hynobius leechii</i> 27 Years before the Species' Description and Additional Historical Record. <i>Current Herpetology</i> , 2020, 39, 75. | 0.5 | 2 |
| 75 | An effective method for accurate nymphal-stage delimitation of the cicada <i>Hyalessa fuscata</i> . <i>Journal of Asia-Pacific Entomology</i> , 2022, 25, 101952. | 0.9 | 1 |
| 76 | Characterization of polymorphic loci for two cicada species: <i>Cryptotympana atrata</i> and <i>Hyalessa fuscata</i> (Hemiptera: Cicadoidea). <i>Molecular Biology Reports</i> , 2019, 46, 1555-1561. | 2.3 | 0 |
| 77 | De Novo Transcriptome Analysis Reveals Potential Thermal Adaptation Mechanisms in the Cicada <i>Hyalessa fuscata</i> . <i>Animals</i> , 2021, 11, 2785. | 2.3 | 0 |
| 78 | Amphibian-Friendly Water Drainages for Agricultural Landscapes, Based on Multiple Species Surveys and Behavioural Trials for <i>Pelophylax nigromaculatus</i> . <i>Diversity</i> , 2022, 14, 414. | 1.7 | 0 |
| 79 | <i>Ozobranchus jantseanus</i> (Clitellata: Ozobranchidae) from Reeve's Turtle, <i>Mauremys reevesii</i> : New Annelid Fauna in Korea. <i>Korean Journal of Parasitology</i> , 2022, 60, 213-215. | 1.3 | 0 |