

# Louie H Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

5,503  
citations

257450

24  
h-index

206112

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

7688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen increases early-stage and slows late-stage decomposition across diverse grasslands. <i>Journal of Ecology</i> , 2022, 110, 1376-1389.	4.0	12
2	Different factors limit early- and late-season windows of opportunity for monarch development. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	2
3	Evolved Phenological Cueing Strategies Show Variable Responses to Climate Change. <i>American Naturalist</i> , 2021, 197, E1-E16.	2.1	5
4	The complexity of global change and its effects on insects. <i>Current Opinion in Insect Science</i> , 2021, 47, 90-102.	4.4	26
5	A meta-analysis of single visit pollination effectiveness comparing honeybees and other floral visitors. <i>American Journal of Botany</i> , 2021, 108, 2196-2207.	1.7	26
6	Disentangling the direct, indirect, and combined effects of experimental warming on a plant-insect herbivore interaction. <i>Ecosphere</i> , 2021, 12, e03778.	2.2	9
7	Seasonal windows of opportunity in milkweed-monarch interactions. <i>Ecology</i> , 2020, 101, e02880.	3.2	20
8	Feeding and damage-induced volatile cues make beetles disperse and produce a more even distribution of damage for sagebrush. <i>Journal of Animal Ecology</i> , 2020, 89, 2056-2062.	2.8	7
9	Toward a more temporally explicit framework for community ecology. <i>Ecological Research</i> , 2020, 35, 445-462.	1.5	20
10	Species-specific, age-varying plant traits affect herbivore growth and survival. <i>Ecology</i> , 2020, 101, e03029.	3.2	16
11	Consumer Responses to Experimental Pulsed Subsidies in Isolated versus Connected Habitats. <i>American Naturalist</i> , 2020, 196, 369-381.	2.1	6
12	Pulsed seaweed subsidies drive sequential shifts in the effects of lizard predators on island food webs. <i>Ecology Letters</i> , 2019, 22, 1850-1859.	6.4	27
13	Vectors with autonomy: what distinguishes animal-mediated nutrient transport from abiotic vectors?. <i>Biological Reviews</i> , 2019, 94, 1761-1773.	10.4	39
14	The effects of pulsed fertilization and chronic herbivory by periodical cicadas on tree growth. <i>Ecology</i> , 2019, 100, e02705.	3.2	6
15	Artificial Light Increases Local Predator Abundance, Predation Rates, and Herbivory. <i>Environmental Entomology</i> , 2019, 48, 1331-1339.	1.4	25
16	Seasonal assembly of arthropod communities on milkweeds experiencing simulated herbivory. <i>Arthropod-Plant Interactions</i> , 2019, 13, 99-108.	1.1	3
17	The mechanisms of phenology: the patterns and processes of phenological shifts. <i>Ecological Monographs</i> , 2019, 89, e01337.	5.4	172
18	Experimental shifts in phenology affect fitness, foraging, and parasitism in a native solitary bee. <i>Ecology</i> , 2018, 99, 2187-2195.	3.2	18

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19	Temporal Variation in Trophic Cascades. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 281-300.	8.3	45
20	Increased grassland arthropod production with mammalian herbivory and eutrophication: a test of mediation pathways. Ecology, 2017, 98, 3022-3033.	3.2	40
21	Marine subsidies change short-term foraging activity and habitat utilization of terrestrial lizards. Ecology and Evolution, 2017, 7, 10701-10709.	1.9	13
22	The effect of lizards on spiders and wasps: variation with island size and marine subsidy. Ecosphere, 2017, 8, e01909.	2.2	12
23	Intra-population variation in the natal origins and wing morphology of overwintering western monarch butterflies <i>Danaus plexippus</i> . Ecography, 2016, 39, 998-1007.	4.5	63
24	Grassland productivity limited by multiple nutrients. Nature Plants, 2015, 1, 15080.	9.3	403
25	Plant species' origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. Nature Communications, 2015, 6, 7710.	12.8	143
26	Insects as drivers of ecosystem processes. Current Opinion in Insect Science, 2014, 2, 26-32.	4.4	168
27	Herbivores and nutrients control grassland plant diversity via light limitation. Nature, 2014, 508, 517-520.	27.8	669
28	Volatile communication between plants that affects herbivory: a meta-analysis. Ecology Letters, 2014, 17, 44-52.	6.4	243
29	The effect of chronic seaweed subsidies on herbivory: plant-mediated fertilization pathway overshadows lizard-mediated predator pathways. Oecologia, 2013, 172, 1129-1135.	2.0	20
30	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. Global Change Biology, 2013, 19, 3677-3687.	9.5	70
31	Pulses of marine subsidies amplify reproductive potential of lizards by increasing individual growth rate. Oikos, 2013, 122, 1496-1504.	2.7	24
32	Resource pulses of dead periodical cicadas increase the growth of American bellflower rosettes under competitive and non-competitive conditions. Arthropod-Plant Interactions, 2013, 7, 93-98.	1.1	23
33	The Ecological Consequences of Insect Outbreaks. , 2012, , 197-218.		16
34	Complex Consequences of Herbivory and Interplant Cues in Three Annual Plants. PLoS ONE, 2012, 7, e38105.	2.5	22
35	Agroecology: A Review from a Global-Change Perspective. Annual Review of Environment and Resources, 2011, 36, 193-222.	13.4	191
36	Productivity Is a Poor Predictor of Plant Species Richness. Science, 2011, 333, 1750-1753.	12.6	463

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37	Phenology, ontogeny and the effects of climate change on the timing of species interactions. <i>Ecology Letters</i> , 2010, 13, 1-10.	6.4	477
38	Behavior as a Key Component of Integrative Biology in a Human-altered World. <i>Integrative and Comparative Biology</i> , 2010, 50, 934-944.	2.0	103
39	A meta-analysis of resource pulse consumer interactions. <i>Ecological Monographs</i> , 2010, 80, 125-151.	5.4	238
40	Marine subsidies have multiple effects on coastal food webs. <i>Ecology</i> , 2010, 91, 1424-1434.	3.2	185
41	Long-Term Habitat Selection and Chronic Root Herbivory: Explaining the Relationship between Periodical Cicada Density and Tree Growth. <i>American Naturalist</i> , 2009, 173, 105-112.	2.1	16
42	WHAT CAN WE LEARN FROM RESOURCE PULSES. <i>Ecology</i> , 2008, 89, 621-634.	3.2	481
43	COMPARING RESOURCE PULSES IN AQUATIC AND TERRESTRIAL ECOSYSTEMS. <i>Ecology</i> , 2008, 89, 647-659.	3.2	112
44	PULSES OF DEAD PERIODICAL CICADAS INCREASE HERBIVORY OF AMERICAN BELLFLOWERS. <i>Ecology</i> , 2008, 89, 1497-1502.	3.2	34
45	Interactions between a detrital resource pulse and a detritivore community. <i>Oecologia</i> , 2006, 147, 522-532.	2.0	63
46	Periodical cicadas use light for oviposition site selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2993-3000.	2.6	38
47	Small-world properties emerge in highly compartmentalized networks with intermediate group sizes and numbers. <i>Physical Review E</i> , 2005, 72, 067101.	2.1	1
48	Periodical Cicadas as Resource Pulses in North American Forests. <i>Science</i> , 2004, 306, 1565-1567.	12.6	192
49	MEASURING INDIVIDUAL-LEVEL RESOURCE SPECIALIZATION. <i>Ecology</i> , 2002, 83, 2936-2941.	3.2	492
50	MEASURING INDIVIDUAL-LEVEL RESOURCE SPECIALIZATION. , 2002, 83, 2936.		3