

# Louie H Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6815607/publications.pdf>

Version: 2024-02-01

50  
papers

5,503  
citations

257101

24  
h-index

205818

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

7688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Herbivores and nutrients control grassland plant diversity via light limitation. <i>Nature</i> , 2014, 508, 517-520.	13.7	669
2	MEASURING INDIVIDUAL-LEVEL RESOURCE SPECIALIZATION. <i>Ecology</i> , 2002, 83, 2936-2941.	1.5	492
3	WHAT CAN WE LEARN FROM RESOURCE PULSES. <i>Ecology</i> , 2008, 89, 621-634.	1.5	481
4	Phenology, ontogeny and the effects of climate change on the timing of species interactions. <i>Ecology Letters</i> , 2010, 13, 1-10.	3.0	477
5	Productivity Is a Poor Predictor of Plant Species Richness. <i>Science</i> , 2011, 333, 1750-1753.	6.0	463
6	Grassland productivity limited by multiple nutrients. <i>Nature Plants</i> , 2015, 1, 15080.	4.7	403
7	Volatile communication between plants that affects herbivory: a meta-analysis. <i>Ecology Letters</i> , 2014, 17, 44-52.	3.0	243
8	A meta-analysis of resource pulse-consumer interactions. <i>Ecological Monographs</i> , 2010, 80, 125-151.	2.4	238
9	Periodical Cicadas as Resource Pulses in North American Forests. <i>Science</i> , 2004, 306, 1565-1567.	6.0	192
10	Agroecology: A Review from a Global-Change Perspective. <i>Annual Review of Environment and Resources</i> , 2011, 36, 193-222.	5.6	191
11	Marine subsidies have multiple effects on coastal food webs. <i>Ecology</i> , 2010, 91, 1424-1434.	1.5	185
12	The mechanisms of phenology: the patterns and processes of phenological shifts. <i>Ecological Monographs</i> , 2019, 89, e01337.	2.4	172
13	Insects as drivers of ecosystem processes. <i>Current Opinion in Insect Science</i> , 2014, 2, 26-32.	2.2	168
14	Plant species' origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. <i>Nature Communications</i> , 2015, 6, 7710.	5.8	143
15	COMPARING RESOURCE PULSES IN AQUATIC AND TERRESTRIAL ECOSYSTEMS. <i>Ecology</i> , 2008, 89, 647-659.	1.5	112
16	Behavior as a Key Component of Integrative Biology in a Human-altered World. <i>Integrative and Comparative Biology</i> , 2010, 50, 934-944.	0.9	103
17	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. <i>Global Change Biology</i> , 2013, 19, 3677-3687.	4.2	70
18	Interactions between a detrital resource pulse and a detritivore community. <i>Oecologia</i> , 2006, 147, 522-532.	0.9	63

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19	Intra-population variation in the natal origins and wing morphology of overwintering western monarch butterflies <i>Danaus plexippus</i> . <i>Ecography</i> , 2016, 39, 998-1007.	2.1	63
20	Temporal Variation in Trophic Cascades. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 281-300.	3.8	45
21	Increased grassland arthropod production with mammalian herbivory and eutrophication: a test of mediation pathways. <i>Ecology</i> , 2017, 98, 3022-3033.	1.5	40
22	Vectors with autonomy: what distinguishes animal-mediated nutrient transport from abiotic vectors?. <i>Biological Reviews</i> , 2019, 94, 1761-1773.	4.7	39
23	Periodical cicadas use light for oviposition site selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2993-3000.	1.2	38
24	PULSES OF DEAD PERIODICAL CICADAS INCREASE HERBIVORY OF AMERICAN BELLFLOWERS. <i>Ecology</i> , 2008, 89, 1497-1502.	1.5	34
25	Pulsed seaweed subsidies drive sequential shifts in the effects of lizard predators on island food webs. <i>Ecology Letters</i> , 2019, 22, 1850-1859.	3.0	27
26	The complexity of global change and its effects on insects. <i>Current Opinion in Insect Science</i> , 2021, 47, 90-102.	2.2	26
27	A meta-analysis of single visit pollination effectiveness comparing honeybees and other floral visitors. <i>American Journal of Botany</i> , 2021, 108, 2196-2207.	0.8	26
28	Artificial Light Increases Local Predator Abundance, Predation Rates, and Herbivory. <i>Environmental Entomology</i> , 2019, 48, 1331-1339.	0.7	25
29	Pulses of marine subsidies amplify reproductive potential of lizards by increasing individual growth rate. <i>Oikos</i> , 2013, 122, 1496-1504.	1.2	24
30	Resource pulses of dead periodical cicadas increase the growth of American bellflower rosettes under competitive and non-competitive conditions. <i>Arthropod-Plant Interactions</i> , 2013, 7, 93-98.	0.5	23
31	Complex Consequences of Herbivory and Interplant Cues in Three Annual Plants. <i>PLoS ONE</i> , 2012, 7, e38105.	1.1	22
32	The effect of chronic seaweed subsidies on herbivory: plant-mediated fertilization pathway overshadows lizard-mediated predator pathways. <i>Oecologia</i> , 2013, 172, 1129-1135.	0.9	20
33	Seasonal windows of opportunity in milkweed-monarch interactions. <i>Ecology</i> , 2020, 101, e02880.	1.5	20
34	Toward a more temporally explicit framework for community ecology. <i>Ecological Research</i> , 2020, 35, 445-462.	0.7	20
35	Experimental shifts in phenology affect fitness, foraging, and parasitism in a native solitary bee. <i>Ecology</i> , 2018, 99, 2187-2195.	1.5	18
36	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.	1.0	16

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37	The Ecological Consequences of Insect Outbreaks. , 2012, , 197-218.		16
38	Species-specific, age-varying plant traits affect herbivore growth and survival. Ecology, 2020, 101, e03029.	1.5	16
39	Marine subsidies change short-term foraging activity and habitat utilization of terrestrial lizards. Ecology and Evolution, 2017, 7, 10701-10709.	0.8	13
40	The effect of lizards on spiders and wasps: variation with island size and marine subsidy. Ecosphere, 2017, 8, e01909.	1.0	12
41	Nitrogen increases early-stage and slows late-stage decomposition across diverse grasslands. Journal of Ecology, 2022, 110, 1376-1389.	1.9	12
42	Disentangling the direct, indirect, and combined effects of experimental warming on a plant-insect herbivore interaction. Ecosphere, 2021, 12, e03778.	1.0	9
43	Feeding and damage-induced volatile cues make beetles disperse and produce a more even distribution of damage for sagebrush. Journal of Animal Ecology, 2020, 89, 2056-2062.	1.3	7
44	The effects of pulsed fertilization and chronic herbivory by periodical cicadas on tree growth. Ecology, 2019, 100, e02705.	1.5	6
45	Consumer Responses to Experimental Pulsed Subsidies in Isolated versus Connected Habitats. American Naturalist, 2020, 196, 369-381.	1.0	6
46	Evolved Phenological Cueing Strategies Show Variable Responses to Climate Change. American Naturalist, 2021, 197, E1-E16.	1.0	5
47	Seasonal assembly of arthropod communities on milkweeds experiencing simulated herbivory. Arthropod-Plant Interactions, 2019, 13, 99-108.	0.5	3
48	MEASURING INDIVIDUAL-LEVEL RESOURCE SPECIALIZATION. , 2002, 83, 2936.		3
49	Different factors limit early- and late-season windows of opportunity for monarch development. Ecology and Evolution, 2022, 12, .	0.8	2
50	Small-world properties emerge in highly compartmentalized networks with intermediate group sizes and numbers. Physical Review E, 2005, 72, 067101.	0.8	1