

# Elizabeth A Tibbetts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5089037/publications.pdf>

Version: 2024-02-01

85  
papers

4,647  
citations

126907

33  
h-index

110387

64  
g-index

86  
all docs

86  
docs citations

86  
times ranked

3465  
citing authors

#	ARTICLE	IF	CITATIONS
1	The establishment and maintenance of dominance hierarchies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200450.	4.0	70
2	Individual Recognition. , 2022, , 3401-3414.		0
3	Pollinator community species richness dilutes prevalence of multiple viruses within multiple host species. <i>Ecology</i> , 2021, 102, e03305.	3.2	25
4	Signal response is context-dependent in <i>Polistes dominula</i> . <i>Journal of Ethology</i> , 2021, 39, 417-422.	0.8	1
5	Individual recognition and individual identity signals in <i>Polistes fuscatus</i> wasps vary geographically. <i>Animal Behaviour</i> , 2021, 176, 87-98.	1.9	7
6	Reciprocal plasticity and the diversification of communication systems. <i>Animal Behaviour</i> , 2021, 179, 297-306.	1.9	7
7	Individual recognition is associated with holistic face processing in <i>Polistes</i> paper wasps in a species-specific way. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203010.	2.6	12
8	Visual and chemical signals provide different information in <i>Polistes fuscatus</i> wasps. <i>Ethology</i> , 2021, 127, 231-237.	1.1	5
9	The challenge hypothesis in insects. <i>Hormones and Behavior</i> , 2020, 123, 104533.	2.1	14
10	Complex signals alter recognition accuracy and conspecific acceptance thresholds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190482.	4.0	12
11	Wasps Use Social Eavesdropping to Learn about Individual Rivals. <i>Current Biology</i> , 2020, 30, 3007-3010.e2.	3.9	35
12	Individual variation in queen morphology and behavior predicts colony performance in the wild. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	2
13	Egg discrimination is mediated by individual differences in queen olfactory responsiveness and boldness. <i>Behavioral Ecology</i> , 2019, 30, 1306-1313.	2.2	3
14	Insects as models for studying the evolution of animal cognition. <i>Current Opinion in Insect Science</i> , 2019, 34, 117-122.	4.4	30
15	Transitive inference in <i>Polistes</i> paper wasps. <i>Biology Letters</i> , 2019, 15, 20190015.	2.3	34
16	Social isolation prevents the development of individual face recognition in paper wasps. <i>Animal Behaviour</i> , 2019, 152, 71-77.	1.9	27
17	The development and evolution of specialized face learning in paper wasps. <i>Animal Behaviour</i> , 2019, 147, 1-7.	1.9	15
18	Intraspecific Variation in Learning: Worker Wasps Are Less Able to Learn and Remember Individual Conspecific Faces than Queen Wasps. <i>American Naturalist</i> , 2018, 191, 595-603.	2.1	19

#	ARTICLE	IF	CITATIONS
19	Rapid juvenile hormone downregulation in subordinate wasp queens facilitates stable cooperation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172645.	2.6	15
20	Sex differences in face but not colour learning in <i>Polistes fuscatus</i> paper wasps. <i>Animal Behaviour</i> , 2018, 140, 1-6.	1.9	16
21	<i>Polistes metricus</i> queens exhibit personality variation and behavioral syndromes. <i>Environmental Epigenetics</i> , 2018, 64, 45-52.	1.8	11
22	Developmental plasticity and the origin of novel communication systems: Individual recognition in <i>Polistes</i> wasps*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2728-2735.	2.3	7
23	WASP nest: a worldwide assessment of social Polistine nesting behavior. <i>Ecology</i> , 2018, 99, 2405-2405.	3.2	24
24	The leks of <i>Polistes dominula</i> paper wasps: tiny abdominal spots play a critical role in male attacks toward potential rivals. <i>Ethology Ecology and Evolution</i> , 2017, 29, 410-419.	1.4	14
25	Heritable variation in colour patterns mediating individual recognition. <i>Royal Society Open Science</i> , 2017, 4, 161008.	2.4	15
26	Cognitive specialization for learning faces is associated with shifts in the brain transcriptome of a social wasp. <i>Journal of Experimental Biology</i> , 2017, 220, 2149-2153.	1.7	10
27	Signal function drives phenotypic and genetic diversity: the effects of signalling individual identity, quality or behavioural strategy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160347.	4.0	53
28	Queen personality type predicts nest-guarding behaviour, colony size and the subsequent collective aggressiveness of the colony. <i>Animal Behaviour</i> , 2017, 124, 7-13.	1.9	14
29	The biology of color. <i>Science</i> , 2017, 357, .	12.6	509
30	Individual Recognition. , 2017, , 1-13.		2
31	Socially selected ornaments influence hormone titers of signalers and receivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8478-8483.	7.1	12
32	Socially selected ornaments and fitness: Signals of fighting ability in paper wasps are positively associated with survival, reproductive success, and rank. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2917-2926.	2.3	11
33	Different axes of environmental variation explain the presence vs. extent of cooperative nest founding associations in <i>Polistes</i> paper wasps. <i>Ecology Letters</i> , 2015, 18, 1057-1067.	6.4	65
34	Heightened Condition Dependence of a Sexually Selected Signal in Male <i>Polistes dominulus</i> Paper Wasps. <i>Ethology</i> , 2015, 121, 586-592.	1.1	17
35	Advertised quality and resource value affect aggression and social vigilance in paper wasp contests. <i>Animal Behaviour</i> , 2015, 102, 259-266.	1.9	11
36	<i>Polistes</i> paper wasps: a model genus for the study of social dominance hierarchies. <i>Insectes Sociaux</i> , 2014, 61, 11-27.	1.2	111

#	ARTICLE	IF	CITATIONS
37	How Does Individual Recognition Evolve? Comparing Responses to Identity Information in <i>Polistes</i> Species with and Without Individual Recognition. <i>Ethology</i> , 2014, 120, 169-179.	1.1	19
38	Specialized visual learning of facial signals of quality in the paper wasp, <i>Polistes dominula</i> . <i>Biological Journal of the Linnean Society</i> , 2014, 113, 992-997.	1.6	4
39	The Evolution of Honest Communication: Integrating Social and Physiological Costs of Ornamentation. <i>Integrative and Comparative Biology</i> , 2014, 54, 578-590.	2.0	46
40	The challenge hypothesis across taxa: social modulation of hormone titres in vertebrates and insects. <i>Animal Behaviour</i> , 2014, 92, 281-290.	1.9	32
41	Cognition across castes: individual recognition in worker <i>Polistes fuscatus</i> wasps. <i>Animal Behaviour</i> , 2014, 87, 91-96.	1.9	22
42	Coevolution of visual signals and eye morphology in <i>Polistes</i> paper wasps. <i>Biology Letters</i> , 2014, 10, 20140254.	2.3	29
43	Preferential phenotypic association linked with cooperation in paper wasps. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2350-2358.	1.7	7
44	Nutrition-dependent fertility response to juvenile hormone in non-social <i>Euodynerus foraminatus</i> wasps and the evolutionary origin of sociality. <i>Journal of Insect Physiology</i> , 2013, 59, 339-344.	2.0	15
45	The Function, Development, and Evolutionary Stability of Conventional Signals of Fighting Ability. <i>Advances in the Study of Behavior</i> , 2013, 45, 49-80.	1.6	19
46	Juvenile hormone influences precontest assessment behaviour in <i>Polistes dominulus</i> paper wasps. <i>Animal Behaviour</i> , 2013, 85, 1177-1181.	1.9	17
47	Good with Faces. <i>Scientific American</i> , 2013, 309, 62-67.	1.0	9
48	Individual Recognition and the Evolution of Learning and Memory in <i>Polistes</i> Paper Wasps. <i>Handbook of Behavioral Neuroscience</i> , 2013, , 561-571.	0.7	15
49	The effect of juvenile hormone on <i>Polistes</i> wasp fertility varies with cooperative behavior. <i>Hormones and Behavior</i> , 2012, 61, 559-564.	2.1	35
50	Spotting the top male: sexually selected signals in male <i>Polistes dominulus</i> wasps. <i>Animal Behaviour</i> , 2012, 83, 839-845.	1.9	41
51	Elizabeth Tibbetts. <i>Current Biology</i> , 2012, 22, R289-R290.	3.9	0
52	Specialized Face Learning Is Associated with Individual Recognition in Paper Wasps. <i>Science</i> , 2011, 334, 1272-1275.	12.6	201
53	Facial Patterns are a Conventional Signal of Agonistic Ability in <i>Polistes exclamans</i> Paper Wasps. <i>Ethology</i> , 2011, 117, 1138-1146.	1.1	28
54	Reproductive plasticity in <i>Polistes</i> paper wasp workers and the evolutionary origins of sociality. <i>Journal of Insect Physiology</i> , 2011, 57, 995-999.	2.0	37

#	ARTICLE	IF	CITATIONS
55	Behavioral and physiological factors associated with juvenile hormone in <i>Polistes</i> wasp foundresses. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1123-1131.	1.4	38
56	Juvenile hormone titer and advertised quality are associated with timing of early spring activity in <i>Polistes dominulus</i> foundresses. <i>Insectes Sociaux</i> , 2011, 58, 473-478.	1.2	10
57	Geographic Variation in the Status Signals of <i>Polistes dominulus</i> Paper Wasps. <i>PLoS ONE</i> , 2011, 6, e28173.	2.5	23
58	Condition dependence and the origins of elevated fluctuating asymmetry in quality signals. <i>Behavioral Ecology</i> , 2011, 22, 1166-1172.	2.2	5
59	Cuticular hydrocarbons correlate with fertility, not dominance, in a paper wasp, <i>Polistes dominulus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 857-864.	1.4	54
60	Social Punishment of Dishonest Signalers Caused by Mismatch between Signal and Behavior. <i>Current Biology</i> , 2010, 20, 1637-1640.	3.9	74
61	The Condition Dependence and Heritability of Signaling and Non-signaling Color Traits in Paper Wasps. <i>American Naturalist</i> , 2010, 175, 495-503.	2.1	49
62	Advertised quality, caste and food availability influence the survival cost of juvenile hormone in paper wasps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3461-3467.	2.6	19
63	The Challenge Hypothesis in an Insect: Juvenile Hormone Increases during Reproductive Conflict following Queen Loss in <i>Polistes</i> Wasps. <i>American Naturalist</i> , 2010, 176, 123-130.	2.1	67
64	Mutual assessment via visual status signals in <i>Polistes dominulus</i> wasps. <i>Biology Letters</i> , 2010, 6, 10-13.	2.3	47
65	The effect of juvenile hormone on temporal polyethism in the paper wasp <i>Polistes dominulus</i> . <i>Insectes Sociaux</i> , 2009, 56, 7-13.	1.2	67
66	How do fighting ability and nest value influence usurpation contests in <i>Polistes</i> wasps?. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1377-1385.	1.4	42
67	EVOLUTION OF IDENTITY SIGNALS: FREQUENCY-DEPENDENT BENEFITS OF DISTINCTIVE PHENOTYPES USED FOR INDIVIDUAL RECOGNITION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 3106-3113.	2.3	57
68	Coevolution of plumage characteristics and winter sociality in New and Old World sparrows. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2376-2386.	1.7	52
69	Endocrine mediated phenotypic plasticity: Condition-dependent effects of juvenile hormone on dominance and fertility of wasp queens. <i>Hormones and Behavior</i> , 2009, 56, 527-531.	2.1	58
70	Two experimental tests of the relationship between group stability and aggressive conflict in <i>Polistes</i> wasps. <i>Die Naturwissenschaften</i> , 2008, 95, 383-389.	1.6	9
71	Robust long-term social memories in a paper wasp. <i>Current Biology</i> , 2008, 18, R851-R852.	3.9	68
72	Visual signals of status and rival assessment in <i>Polistes dominulus</i> paper wasps. <i>Biology Letters</i> , 2008, 4, 237-239.	2.3	105

#	ARTICLE	IF	CITATIONS
73	A testable definition of individual recognition. <i>Trends in Ecology and Evolution</i> , 2008, 23, 356.	8.7	38
74	Resource value and the context dependence of receiver behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2201-2206.	2.6	50
75	Correlation between Facial Pattern Recognition and Brain Composition in Paper Wasps. <i>Brain, Behavior and Evolution</i> , 2008, 71, 1-14.	1.7	44
76	Rearing conditions influence quality signals but not individual identity signals in <i>Polistes</i> wasps. <i>Behavioral Ecology</i> , 2007, 18, 602-607.	2.2	65
77	Individual recognition: it is good to be different. <i>Trends in Ecology and Evolution</i> , 2007, 22, 529-537.	8.7	627
78	Dispersal decisions and predispersal behavior in <i>Polistes</i> paper wasp "workers". <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1877-1883.	1.4	35
79	Complex social behaviour can select for variability in visual features: a case study in <i>Polistes</i> wasps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1955-1960.	2.6	100
80	A socially enforced signal of quality in a paper wasp. <i>Nature</i> , 2004, 432, 218-222.	27.8	424
81	Molecular systematics of primary reptilian lineages and the tuatara mitochondrial genome. <i>Molecular Phylogenetics and Evolution</i> , 2003, 29, 289-297.	2.7	169
82	Benefits of foundress associations in the paper wasp <i>Polistes dominulus</i> : increased productivity and survival, but no assurance of fitness returns. <i>Behavioral Ecology</i> , 2003, 14, 510-514.	2.2	73
83	Visual signals of individual identity in the wasp <i>Polistes fuscatus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1423-1428.	2.6	321
84	Aggression and resource sharing among foundresses in the social wasp <i>Polistes dominulus</i> : testing transactional theories of conflict. <i>Behavioral Ecology and Sociobiology</i> , 2000, 48, 344-352.	1.4	33
85	Habitat and nest-site partitioning in splendid and variegated fairy-wrens ( <i>Aves</i> : Maluridae). <i>Australian Journal of Zoology</i> , 1999, 47, 317.	1.0	13