

Jutta M Schneider

List of Publications by Year in descending order

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130
papers

4,933
citations

66343

42
h-index

114465

63
g-index

131
all docs

131
docs citations

131
times ranked

1795
citing authors

#	ARTICLE	IF	CITATIONS
1	Securing paternity in spiders? A review on occurrence and effects of mating plugs and male genital mutilation. <i>Genetica</i> , 2010, 138, 75-104.	1.1	163
2	Sperm competition and small size advantage for males of the golden orb-web spider <i>Nephila edulis</i> . <i>Journal of Evolutionary Biology</i> , 2000, 13, 939-946.	1.7	147
3	Female control of paternity in the sexually cannibalistic spider <i>Argiope keyserlingi</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2439-2443.	2.6	142
4	Evolutionary Significance of Sexual Cannibalism. <i>Advances in the Study of Behavior</i> , 2004, 34, 135-163.	1.6	134
5	FAITHFUL WITHOUT CARE: THE EVOLUTION OF MONOGYNY. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1400-1405.	2.3	119
6	Sexual cannibalism and sperm competition in the golden orb-web spider <i>Nephila plumipes</i> (Araneoidea): female and male perspectives. <i>Behavioral Ecology</i> , 2001, 12, 547-552.	2.2	116
7	Costs of courtship and mating in a sexually cannibalistic orb-web spider: female mating strategies and their consequences for males. <i>Behavioral Ecology and Sociobiology</i> , 2002, 51, 440-446.	1.4	114
8	INTERSEXUAL ARMS RACE? GENITAL COEVOLUTION IN NEPHILID SPIDERS (ARANEAE, NEPHILIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1451-1463.	2.3	111
9	Emasculation to plug up females: the significance of pedipalp damage in <i>Nephila fenestrata</i> . <i>Behavioral Ecology</i> , 2006, 17, 353-357.	2.2	109
10	Sexual conflict over copulation duration in a cannibalistic spider. <i>Animal Behaviour</i> , 2006, 71, 781-788.	1.9	103
11	Intersexual Conflict in Spiders. <i>Oikos</i> , 1998, 83, 496.	2.7	101
12	THE TRANSITION TO SOCIAL INBRED MATING SYSTEMS IN SPIDERS: ROLE OF INBREEDING TOLERANCE IN A SUBSOCIAL PREDECESSOR. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 160-174.	2.3	98
13	Safer sex with feeding females: sexual conflict in a cannibalistic spider. <i>Behavioral Ecology</i> , 2005, 16, 377-382.	2.2	95
14	Individual behavioural consistency and plasticity in an urban spider. <i>Animal Behaviour</i> , 2012, 84, 197-204.	1.9	92
15	Fitness consequences of sexual cannibalism in female <i>Argiope bruennichi</i> . <i>Behavioral Ecology and Sociobiology</i> , 2003, 55, 60-64.	1.4	84
16	The age and evolution of sociality in <i>Stegodyphus</i> spiders: a molecular phylogenetic perspective. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 231-237.	2.6	84
17	Genital damage in the orb-web spider <i>Argiope bruennichi</i> (Araneae: Araneidae) increases paternity success. <i>Behavioral Ecology</i> , 2007, 18, 174-181.	2.2	75
18	Benefits of cooperation with genetic kin in a subsocial spider. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10843-10846.	7.1	75

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19	Distinct mechanisms of internalization of <i>Neisseria gonorrhoeae</i> by members of the CEACAM receptor family involving Rac1- and Cdc42-dependent and -independent pathways. <i>EMBO Journal</i> , 2002, 21, 560-571.	7.8	74
20	Sexual cannibalism in <i>Nephila plumipes</i> as a consequence of female life history strategies. <i>Journal of Evolutionary Biology</i> , 2002, 15, 84-91.	1.7	73
21	Infanticidal male eresid spiders. <i>Nature</i> , 1996, 381, 655-656.	27.8	72
22	Infanticide by males in a spider with suicidal maternal care, <i>Stegodyphus lineatus</i> (Eresidae). <i>Animal Behaviour</i> , 1997, 54, 305-312.	1.9	69
23	Challenging the Aggressive Spillover Hypothesis: Is Pre-Copulatory Sexual Cannibalism a Part of a Behavioural Syndrome?. <i>Ethology</i> , 2013, 119, 615-623.	1.1	67
24	Survival and growth in groups of a subsocial spider (<i>Stegodyphus lineatus</i>). <i>Insectes Sociaux</i> , 1995, 42, 237-248.	1.2	65
25	Sperm dynamics in spiders. <i>Behavioral Ecology</i> , 2011, 22, 692-695.	2.2	64
26	Ectomised conductors in the golden orb-web spider, <i>Nephila plumipes</i> (Araneioidea): a male adaptation to sexual conflict?. <i>Behavioral Ecology and Sociobiology</i> , 2001, 49, 410-415.	1.4	62
27	DISPERSAL OF STEGODYPHUS DUMICOLA (ARANEAE, ERESIDAE): THEY DO BALLOON AFTER ALL!. <i>Journal of Arachnology</i> , 2001, 29, 114-116.	0.5	62
28	Mate plugging via genital mutilation in nephilid spiders: an evolutionary hypothesis. <i>Journal of Zoology</i> , 2009, 277, 257-266.	1.7	60
29	The effect of prey type on the geometry of the capture web of <i>Araneus diadematus</i> . <i>Die Naturwissenschaften</i> , 1998, 85, 391-394.	1.6	59
30	Copulatory mechanism in a sexually cannibalistic spider with genital mutilation (Araneae: Araneidae: Tj ETQq0 0 0 ggBT /Overlock 10 Tf 192 58		
31	The Combined Effects of Pre- and Post-Insemination Sexual Selection on Extreme Variation in Male Body Size. <i>Evolutionary Ecology</i> , 2005, 19, 419-433.	1.2	57
32	Courtship raises male fertilization success through post-mating sexual selection in a spider. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3105-3111.	2.6	57
33	Assortative mating by aggressiveness type in orb weaving spiders. <i>Behavioral Ecology</i> , 2013, 24, 824-831.	2.2	56
34	Inbreeding avoidance through cryptic female choice in the cannibalistic orb-web spider <i>Argiope lobata</i> . <i>Behavioral Ecology</i> , 2009, 20, 1056-1062.	2.2	54
35	Mate quality, not aggressive spillover, explains sexual cannibalism in a size-dimorphic spider. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 145-151.	1.4	53
36	Virgin doves and mated hawks: contest behaviour in a spider. <i>Animal Behaviour</i> , 2005, 70, 1099-1104.	1.9	50

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37	Does High Adult Mortality Explain Semelparity in the Spider <i>Stegodyphus lineatus</i> (Eresidae)?. <i>Oikos</i> , 1997, 79, 92.	2.7	49
38	Male mate choice and patterns of paternity in the polyandrous, sexually cannibalistic orb-web spider, <i>Nephila plumipes</i> . <i>Australian Journal of Zoology</i> , 2003, 51, 357.	1.0	49
39	Mitochondrial DNA distributions indicate colony propagation by single matri-lineages in the social spider <i>Stegodyphus dumicola</i> (Eresidae). <i>Biological Journal of the Linnean Society</i> , 2002, 76, 591-600.	1.6	48
40	Mating behaviour and sexual selection. , 2011, , 215-274.		48
41	Reproductive state and care giving in <i>Stegodyphus</i> (Araneae: Eresidae) and the implications for the evolution of sociality. <i>Animal Behaviour</i> , 2002, 63, 649-658.	1.9	45
42	Limits to Male Copulation Frequency: Sexual Cannibalism and Sterility in St Andrew's Cross Spiders (Araneae, Araneidae). <i>Ethology</i> , 2005, 111, 1050-1061.	1.1	45
43	Sexual Cannibalism as a Manifestation of Sexual Conflict. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a017731-a017731.	5.5	45
44	Maternal investment in a spider with suicidal maternal care, <i>Stegodyphus lineatus</i> (Araneae, Eresidae). <i>Oikos</i> , 2005, 109, 614-622.	2.7	44
45	Sexual cannibalism benefits offspring survival. <i>Animal Behaviour</i> , 2012, 83, 201-207.	1.9	43
46	EXTREMELY SHORT COPULATIONS DO NOT AFFECT HATCHING SUCCESS IN ARGIOPE BRUENNICHI (ARANEAE,) Tj ETQq0 0 0 rgBT /Over 0.5-49		43
47	Sexual competition in an inbreeding social spider, <i>Stegodyphus dumicola</i> (Araneae: Eresidae). <i>Insectes Sociaux</i> , 1995, 42, 419-426.	1.2	39
48	Relatedness facilitates cooperation in the subsocial spider, <i>Stegodyphus tentoriicola</i> . <i>BMC Evolutionary Biology</i> , 2009, 9, 257.	3.2	39
49	Early Environmental Conditions Shape Personality Types in a Jumping Spider. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	39
50	Association and reversal learning abilities in a jumping spider. <i>Behavioural Processes</i> , 2014, 103, 192-198.	1.1	38
51	The synganglion of the jumping spider <i>Marpissa muscosa</i> (Arachnida: Salticidae): Insights from histology, immunohistochemistry and microCT analysis. <i>Arthropod Structure and Development</i> , 2017, 46, 156-170.	1.4	38
52	Sperm storage and copulation duration in a sexually cannibalistic spider. <i>Journal of Ethology</i> , 2011, 29, 9-15.	0.8	37
53	Monogynous mating strategies in spiders. , 2010, , 441-464.		36
54	Males of the orb-web spider <i>Argiope bruennichi</i> sacrifice themselves to unrelated females. <i>Biology Letters</i> , 2010, 6, 585-588.	2.3	35

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55	Monogynous Mating Behaviour and its Ecological Basis in the Golden Orb Spider <i>Nephila fenestrata</i> . <i>Ethology</i> , 2007, 113, 813-820.	1.1	34
56	Developmental strategies in an invasive spider: constraints and plasticity. <i>Ecological Entomology</i> , 2011, 36, 82-93.	2.2	34
57	How effective and persistent are fragments of male genitalia as mating plugs?. <i>Behavioral Ecology</i> , 2012, 23, 1140-1145.	2.2	34
58	Exploiting a moment of weakness: male spiders escape sexual cannibalism by copulating with moulting females. <i>Scientific Reports</i> , 2015, 5, 16928.	3.3	34
59	Faithful without care: the evolution of monogyny. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1400-5.	2.3	34
60	Mate choice in males with one-shot genitalia: limited importance of female fecundity. <i>Animal Behaviour</i> , 2010, 80, 699-706.	1.9	32
61	One-shot genitalia are not an evolutionary dead end - Regained male polygamy in a sperm limited spider species. <i>BMC Evolutionary Biology</i> , 2011, 11, 197.	3.2	30
62	Determinants of Natural Mating Success in the Cannibalistic Orb-Web Spider <i>Argiope bruennichi</i> . <i>PLoS ONE</i> , 2012, 7, e31389.	2.5	30
63	Sexual cannibalism in the European garden spider <i>Araneus diadematus</i> : the roles of female hunger and mate size dimorphism. <i>Animal Behaviour</i> , 2011, 81, 749-755.	1.9	29
64	The transition to social inbred mating systems in spiders: role of inbreeding tolerance in a subsocial predecessor. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 160-74.	2.3	29
65	Is Male Cohabitation Costly for Females of the Spider <i>Stegodyphus lineatus</i> (Eresidae)?. <i>Ethology</i> , 2005, 111, 693-704.	1.1	27
66	Copulation patterns in the golden orb-web spider <i>Nephila madagascariensis</i> . <i>Journal of Ethology</i> , 2005, 23, 51-55.	0.8	26
67	Contributions of juvenile and adult diet to the lifetime reproductive success and lifespan of a spider. <i>Oikos</i> , 2015, 124, 130-138.	2.7	26
68	Sexual cannibalism facilitates genital damage in <i>Argiope lobata</i> (Araneae: Araneidae). <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 355-362.	1.4	25
69	The importance of biparental care in a precocial, monogamous bird, the bar-headed goose (<i>Anser</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	23
70	The evolution of social inbreeding mating systems in spiders: limited male mating dispersal and lack of pre-copulatory inbreeding avoidance in a subsocial predecessor. <i>Biological Journal of the Linnean Society</i> , 2009, 98, 851-859.	1.6	21
71	Testing problem-solving capacities: differences between individual testing and social group setting. <i>Animal Cognition</i> , 2014, 17, 1227-1232.	1.8	21
72	Sex differences in spiders: from phenotype to genomics. <i>Development Genes and Evolution</i> , 2020, 230, 155-172.	0.9	21

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73	Effects of social information on life history and mating tactics of males in the orb-weaver spider <i>Argiope bruennichi</i> . <i>Ecology and Evolution</i> , 2018, 8, 344-355.	1.9	20
74	Male copulation frequency, sperm competition and genital damage in the golden orb-web spider (<i>Nephila plumipes</i>). <i>Australian Journal of Zoology</i> , 2008, 56, 233.	1.0	19
75	Scent of a Woman – The Effect of Female Presence on Sexual Cannibalism in an Orb-Weaving Spider (Araneae: Araneidae). <i>Ethology</i> , 2009, 115, 633-640.	1.1	19
76	Food Intake, Growth and Relatedness in the Subsocial Spider, <i>Stegodyphus lineatus</i> (Eresidae). <i>Ethology</i> , 1996, 102, 386-396.	1.1	19
77	Conditional monogyny: female quality predicts male faithfulness. <i>Frontiers in Zoology</i> , 2012, 9, 7.	2.0	19
78	Differential investment and size-related mating strategies facilitate extreme size variation in contesting male spiders. <i>Animal Behaviour</i> , 2015, 101, 107-115.	1.9	19
79	Producers and scroungers: feeding-type composition changes with group size in a socially foraging spider. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160114.	2.6	19
80	Social makes smart: rearing conditions affect learning and social behaviour in jumping spiders. <i>Animal Cognition</i> , 2017, 20, 1093-1106.	1.8	19
81	Early environmental conditions affect the volume of higher-order brain centers in a jumping spider. <i>Journal of Zoology</i> , 2018, 304, 182-192.	1.7	19
82	A mate to die for? A model of conditional monogyny in cannibalistic spiders. <i>Ecology and Evolution</i> , 2012, 2, 2577-2587.	1.9	18
83	Spider Males Adjust Mate Choice but Not Sperm Allocation to Cues of a Rival. <i>Ethology</i> , 2011, 117, 970-978.	1.1	17
84	Families hunt more successfully: effect of group composition on hunting and communal feeding. <i>Animal Behaviour</i> , 2014, 91, 171-178.	1.9	17
85	Cryptic Female Choice Within the Genus <i>Argiope</i> : A Comparative Approach. , 2015, , 55-77.		17
86	Sperm competition when transfer is dangerous. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200073.	4.0	16
87	Old maids have more appeal: effects of age and pheromone source on mate attraction in an orb-web spider. <i>PeerJ</i> , 2016, 4, e1877.	2.0	16
88	Spiders hedge genetic bets. <i>Trends in Ecology and Evolution</i> , 1998, 13, 218-219.	8.7	15
89	Delayed oviposition: a female strategy to counter infanticide by males?. <i>Behavioral Ecology</i> , 1999, 10, 567-571.	2.2	15
90	Site Selection and Foraging in the Eresid Spider <i>Stegodyphus tentoriicola</i> . <i>Journal of Insect Behavior</i> , 2012, 25, 1-11.	0.7	15

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91	Offspring dynamics affect food provisioning, growth and mortality in a brood-caring spider. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132180.	2.6	15
92	Context- and State-Dependent Male Mate Choice in a Sexually Cannibalistic Spider. <i>Ethology</i> , 2016, 122, 257-266.	1.1	15
93	Hunted hunters? Effect of group size on predation risk and growth in the Australian subsocial crab spider <i>Diaea ergandros</i> . <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 785-794.	1.4	14
94	No discrimination against previous mates in a sexually cannibalistic spider. <i>Die Naturwissenschaften</i> , 2005, 92, 423-426.	1.6	13
95	Frequent Failure of Male Monopolization Strategies as a Cost of Female Choice in the Black Widow Spider <i>Latrodectus tredecimguttatus</i> . <i>Ethology</i> , 2011, 117, 1057-1066.	1.1	12
96	Can males detect the strength of sperm competition and presence of genital plugs during mate choice?. <i>Behavioral Ecology</i> , 2014, 25, 716-722.	2.2	12
97	A non-sperm transferring genital trait under sexual selection: an experimental approach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2337-2341.	2.6	11
98	The evolution of genital complexity and mating rates in sexually size dimorphic spiders. <i>BMC Evolutionary Biology</i> , 2016, 16, 242.	3.2	11
99	How to Pass the Gap - Functional Morphology and Biomechanics of Spider Bridging Threads. <i>Biologically-inspired Systems</i> , 2014, , 165-177.	0.2	11
100	The jumping spider <i>Saitis barbipes</i> lacks a red photoreceptor to see its own sexually dimorphic red coloration. <i>Die Naturwissenschaften</i> , 2022, 109, 6.	1.6	11
101	Timing of maturation and the mating system of the spider, <i>Stegodyphus lineatus</i> (Eresidae): how important is body size?. <i>Biological Journal of the Linnean Society</i> , 1997, 60, 517-525.	1.6	10
102	Socially cued developmental plasticity in web-building spiders. <i>BMC Evolutionary Biology</i> , 2016, 16, 170.	3.2	10
103	FAITHFUL WITHOUT CARE: THE EVOLUTION OF MONOGYNY. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1400.	2.3	9
104	Social network structure in group-feeding spiders. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1429-1436.	1.4	8
105	Micronutrient consumption by female <i>Argiope bruennichi</i> affects offspring survival. <i>Journal of Insect Physiology</i> , 2017, 100, 128-132.	2.0	8
106	Advantages of social foraging in crab spiders: Groups capture more and larger prey despite the absence of a web. <i>Ethology</i> , 2018, 124, 695-705.	1.1	8
107	Fitness implications of sex-specific catch-up growth in <i>Nephila senegalensis</i> , a spider with extreme reversed SSD. <i>PeerJ</i> , 2017, 5, e4050.	2.0	8
108	Mate availability does not influence mating strategies in males of the sexually cannibalistic spider <i>Argiope bruennichi</i> . <i>PeerJ</i> , 2018, 6, e5360.	2.0	8

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109	Strategic male mating behaviour in <i>Argiope lobata</i> . <i>Animal Behaviour</i> , 2017, 124, 27-34.	1.9	7
110	Males sacrifice their legs to pacify aggressive females in a sexually cannibalistic spider. <i>Animal Behaviour</i> , 2020, 159, 59-67.	1.9	7
111	Family-specific chemical profiles provide potential kin recognition cues in the sexually cannibalistic spider <i>Argiope bruennichi</i> . <i>Biology Letters</i> , 2021, 17, 20210260.	2.3	7
112	Phylogeography of the "cosmopolitan" orb-weaver <i>Argiope trifasciata</i> (Araneae: Araneidae). <i>Biological Journal of the Linnean Society</i> , 2020, 131, 61-75.	1.6	6
113	Rapid Range Expansion Is Not Restricted by Inbreeding in a Sexually Cannibalistic Spider. <i>PLoS ONE</i> , 2014, 9, e95963.	2.5	6
114	Identification of Cuticular and Web Lipids of the Spider <i>Argiope bruennichi</i> . <i>Journal of Chemical Ecology</i> , 2022, 48, 244-262.	1.8	6
115	THE TRANSITION TO SOCIAL INBRED MATING SYSTEMS IN SPIDERS: ROLE OF INBREEDING TOLERANCE IN A SUBSOCIAL PREDECESSOR. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 160.	2.3	4
116	Males of a sexually cannibalistic spider chemically assess relative female quality. <i>BMC Evolutionary Biology</i> , 2020, 20, 90.	3.2	4
117	Testing the effectiveness of pyrazine defences against spiders. <i>Chemoecology</i> , 2020, 30, 139-146.	1.1	4
118	Cost effective microsatellite isolation and genotyping by high throughput sequencing. <i>Journal of Arachnology</i> , 2019, 47, 190.	0.5	4
119	Strategic pheromone signalling by mate searching females of the sexually cannibalistic spider <i>Argiope bruennichi</i> . <i>Royal Society Open Science</i> , 2022, 9, 211806.	2.4	4
120	Hunger state and not personality determines task participation in a spider society. <i>Animal Behaviour</i> , 2022, 190, 143-152.	1.9	4
121	Transition from monogyny to polygyny in <i>Nephila senegalensis</i> (Araneae: Nephilidae) is not accompanied by increased investment in sperm. <i>Biological Journal of the Linnean Society</i> , 2016, 119, 1027-1035.	1.6	3
122	Female fecundity and offspring survival are not increased through sexual cannibalism in the spider <i>Larinioides sclopetarius</i> . <i>Journal of Evolutionary Biology</i> , 2017, 30, 2146-2155.	1.7	3
123	Does sexual cannibalism secure genetic benefits of polyandry in a size-dimorphic spider?. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	1.4	3
124	The genetic architecture of behavioral traits in a spider. <i>Ecology and Evolution</i> , 2021, 11, 5381-5392.	1.9	3
125	Giant and dwarf females: how to explain the fourfold variation in body size and fecundity in <i>Trichonephila senegalensis</i> (Aranea: Nephilidae). <i>Biological Journal of the Linnean Society</i> , 2021, 133, 1016-1030.	1.6	2
126	Female sex pheromone emission is affected by body condition, but not immune system function, in the orb-weaver spider <i>Argiope bruennichi</i> . <i>Ethology</i> , 2022, 128, 471-481.	1.1	2

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127	Novel decorating behaviour of silk retreats in a challenging habitat. PeerJ, 2022, 10, e12839.	2.0	1
128	Editorial: New Leadership for Ethology. Ethology, 2010, 116, 106-107.	1.1	0
129	Announcing two new manuscript categories in ethology. Ethology, 2018, 124, 85-85.	1.1	0
130	Obituary for Susan Foster. Ethology, 2021, 127, 443-445.	1.1	0