

Serap Aksoy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193
papers

8,868
citations

54
h-index

84
g-index

241
ext. papers

10,242
ext. citations

5.4
avg, IF

6.16
L-index

#	Paper	IF	Citations
193	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , 2021 , 19, 41	7.3	9
192	A machine learning approach to integrating genetic and ecological data in tsetse flies () for spatially explicit vector control planning. <i>Evolutionary Applications</i> , 2021 , 14, 1762-1777	4.8	0
191	Paratransgenic manipulation of a tsetse microRNA alters the physiological homeostasis of the fly's midgut environment. <i>PLoS Pathogens</i> , 2021 , 17, e1009475	7.6	3
190	Molecular characterization and expression patterns of heat shock proteins in <i>Spodoptera littoralis</i> , heat shock or immune response?. <i>Cell Stress and Chaperones</i> , 2021 , 26, 29-40	4	1
189	Infection with endosymbiotic <i>Spiroplasma</i> disrupts tsetse (<i>Glossina fuscipes fuscipes</i>) metabolic and reproductive homeostasis. <i>PLoS Pathogens</i> , 2021 , 17, e1009539	7.6	1
188	Viviparity and habitat restrictions may influence the evolution of male reproductive genes in tsetse fly (<i>Glossina</i>) species. <i>BMC Biology</i> , 2021 , 19, 211	7.3	1
187	spp. and spp. in spp.: Detection Using Molecular Approaches. <i>Turkiye Parazitoloji Dergisi</i> , 2021 , 45, 211-215		
186	Single-cell RNA sequencing of from tsetse salivary glands unveils metacyclogenesis and identifies potential transmission blocking antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2613-2621	11.5	28
185	Phylogeography and population structure of the tsetse fly <i>Glossina pallidipes</i> in Kenya and the Serengeti ecosystem. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0007855	4.8	3
184	Vector-borne Zoonotic Diseases in Turkey: Rising Threats on Public Health. <i>Turkiye Parazitoloji Dergisi</i> , 2020 , 44, 168-175	0.7	0
183	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019 , 20, 187	18.3	39
182	Spatio-temporal distribution of <i>Spiroplasma</i> infections in the tsetse fly (<i>Glossina fuscipes fuscipes</i>) in northern Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007340	4.8	15
181	Colonization of the tsetse fly midgut with commensal <i>Kosakonia cowanii</i> <i>Zambiae</i> inhibits trypanosome infection establishment. <i>PLoS Pathogens</i> , 2019 , 15, e1007470	7.6	20
180	Tsetse peritrophic matrix influences for trypanosome transmission. <i>Journal of Insect Physiology</i> , 2019 , 118, 103919	2.4	10
179	Mutualist-Provisioned Resources Impact Vector Competency. <i>MBio</i> , 2019 , 10,	7.8	10
178	Thermal stress responses of <i>Sodalis glossinidius</i> , an indigenous bacterial symbiont of hematophagous tsetse flies. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007464	4.8	3
177	The impact of vector migration on the effectiveness of strategies to control gambiense human African trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007903	4.8	6

176	The population genomics of multiple tsetse fly (<i>Glossina fuscipes fuscipes</i>) admixture zones in Uganda. <i>Molecular Ecology</i> , 2019 , 28, 66-85	5.7	7
175	Uncovering Genomic Regions Associated with Infections in Wild Populations of the Tsetse Fly. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 887-897	3.2	5
174	Differential virulence of camel <i>Trypanosoma evansi</i> isolates in mice. <i>Parasitology</i> , 2018 , 145, 1235-1242	2.7	6
173	Insect Gut Microbiota: Accessories to the Bite. <i>Cell Host and Microbe</i> , 2018 , 23, 8-9	23.4	5
172	Expression profiling of <i>Trypanosoma congolense</i> genes during development in the tsetse fly vector <i>Glossina morsitans morsitans</i> . <i>Parasites and Vectors</i> , 2018 , 11, 380	4	11
171	Investigation of <i>Wolbachia</i> spp. and <i>Spiroplasma</i> spp. in <i>Phlebotomus</i> species by molecular methods. <i>Scientific Reports</i> , 2018 , 8, 10616	4.9	5
170	A spatial genetics approach to inform vector control of tsetse flies () in Northern Uganda. <i>Ecology and Evolution</i> , 2018 , 8, 5336-5354	2.8	6
169	Rapid autophagic regression of the milk gland during involution is critical for maximizing tsetse viviparous reproductive output. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006204	4.8	4
168	Genetic Differentiation of Tsetse Flies in Southern Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 99, 945-953	3.2	6
167	Symbiotic microbes affect the expression of male reproductive genes in <i>Glossina m. morsitans</i> . <i>BMC Microbiology</i> , 2018 , 18, 169	4.5	4
166	Analysis of the gut-specific microbiome from field-captured tsetse flies, and its potential relevance to host trypanosome vector competence. <i>BMC Microbiology</i> , 2018 , 18, 146	4.5	16
165	Effect of antibiotic treatment and gamma-irradiation on cuticular hydrocarbon profiles and mate choice in tsetse flies (<i>Glossina m. morsitans</i>). <i>BMC Microbiology</i> , 2018 , 18, 145	4.5	10
164	A fine-tuned vector-parasite dialogue in tsetse fly <i>cardia</i> determines peritrophic matrix integrity and trypanosome transmission success. <i>PLoS Pathogens</i> , 2018 , 14, e1006972	7.6	16
163	Genomic analyses of African Trypanozoon strains to assess evolutionary relationships and identify markers for strain identification. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005949	4.8	11
162	Human African trypanosomiasis control: Achievements and challenges. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005454	4.8	61
161	Multiple evolutionary origins of <i>Trypanosoma evansi</i> in Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005895	4.8	20
160	Molecular characterization of tsetse fly proboscis and its response to <i>Trypanosoma congolense</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006057	4.8	8
159	Tsetse fly (<i>Glossina pallidipes</i>) midgut responses to <i>Trypanosoma brucei</i> challenge. <i>Parasites and Vectors</i> , 2017 , 10, 614	4	7

158	Temporal genetic differentiation in <i>Glossina pallidipes</i> tsetse fly populations in Kenya. <i>Parasites and Vectors</i> , 2017 , 10, 471	4	12
157	Unravelling the relationship between the tsetse fly and its obligate symbiont : transcriptomic and metabolomic landscapes reveal highly integrated physiological networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	32
156	Genetic diversity of <i>Glossina fuscipes fuscipes</i> along the shores of Lake Victoria in Tanzania and Kenya: implications for management. <i>Parasites and Vectors</i> , 2017 , 10, 268	4	5
155	Genetic diversity and population structure of the tsetse fly <i>Glossina fuscipes fuscipes</i> (Diptera: Glossinidae) in Northern Uganda: Implications for vector control. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005485	4.8	22
154	Symbiont-induced odorant binding proteins mediate insect host hematopoiesis. <i>ELife</i> , 2017 , 6,	8.9	72
153	Evidence of temporal stability in allelic and mitochondrial haplotype diversity in populations of <i>Glossina fuscipes fuscipes</i> (Diptera: Glossinidae) in northern Uganda. <i>Parasites and Vectors</i> , 2016 , 9, 258	4	12
152	Transcript Abundance of Putative Lipid Phosphate Phosphatases During Development of <i>Trypanosoma brucei</i> in the Tsetse Fly. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016 , 94, 890-3 ³⁻²		4
151	Eliminating the Neglected Tropical Diseases: Translational Science and New Technologies. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0003895	4.8	81
150	Tick-Borne Diseases in Turkey: A Review Based on One Health Perspective. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005021	4.8	34
149	De Novo Genome Assembly Shows Genome Wide Similarity between <i>Trypanosoma brucei brucei</i> and <i>Trypanosoma brucei rhodesiense</i> . <i>PLoS ONE</i> , 2016 , 11, e0147660	3.7	14
148	Genome-Wide Comparative Analysis of Chemosensory Gene Families in Five Tsetse Fly Species. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004421	4.8	20
147	Determinants of Human African Trypanosomiasis Elimination via Paratransgenesis. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004465	4.8	17
146	Transcriptome Profiling of <i>Trypanosoma brucei</i> Development in the Tsetse Fly Vector <i>Glossina morsitans</i> . <i>PLoS ONE</i> , 2016 , 11, e0168877	3.7	42
145	Patterns of Genome-Wide Variation in <i>Glossina fuscipes fuscipes</i> Tsetse Flies from Uganda. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 1573-84	3.2	9
144	The Spermatophore in <i>Glossina morsitans morsitans</i> : Insights into Male Contributions to Reproduction. <i>Scientific Reports</i> , 2016 , 6, 20334	4.9	32
143	Mammalian African trypanosome VSG coat enhances tsetse fly vector competence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 6961-6	11.5	31
142	Whole genome sequencing shows sleeping sickness relapse is due to parasite regrowth and not reinfection. <i>Evolutionary Applications</i> , 2016 , 9, 381-93	4.8	6
141	Genetic diversity and population structure of <i>Trypanosoma brucei</i> in Uganda: implications for the epidemiology of sleeping sickness and Nagana. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003353	4.8	23

140	A comparative analysis of reproductive biology of insect vectors of human disease. <i>Current Opinion in Insect Science</i> , 2015 , 10, 142-148	5.1	14
139	<i>Sodalis</i> 2015 , 1-3		
138	<i>Wigglesworthia</i> 2015 , 1-6		
137	Evaluating long-term effectiveness of sleeping sickness control measures in Guinea. <i>Parasites and Vectors</i> , 2015 , 8, 550	4	29
136	TSS seq based core promoter architecture in blood feeding Tsetse fly (<i>Glossina morsitans morsitans</i>) vector of Trypanosomiasis. <i>BMC Genomics</i> , 2015 , 16, 722	4.5	6
135	Mitochondrial DNA sequence divergence and diversity of <i>Glossina fuscipes fuscipes</i> in the Lake Victoria basin of Uganda: implications for control. <i>Parasites and Vectors</i> , 2015 , 8, 385	4	6
134	Immunogenicity and Serological Cross-Reactivity of Saliva Proteins among Different Tsetse Species. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004038	4.8	9
133	Adenotrophic viviparity in tsetse flies: potential for population control and as an insect model for lactation. <i>Annual Review of Entomology</i> , 2015 , 60, 351-71	21.8	66
132	TonB-dependent heme iron acquisition in the tsetse fly symbiont <i>Sodalis glossinidius</i> . <i>Applied and Environmental Microbiology</i> , 2015 , 81, 2900-9	4.8	16
131	Genome sequence of the tsetse fly (<i>Glossina morsitans</i>): vector of African trypanosomiasis. <i>Science</i> , 2014 , 344, 380-6	33.3	192
130	The peritrophic matrix mediates differential infection outcomes in the tsetse fly gut following challenge with commensal, pathogenic, and parasitic microbes. <i>Journal of Immunology</i> , 2014 , 193, 773-82	5.3	47
129	Analysis of multiple tsetse fly populations in Uganda reveals limited diversity and species-specific gut microbiota. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 4301-12	4.8	63
128	Amelioration of reproduction-associated oxidative stress in a viviparous insect is critical to prevent reproductive senescence. <i>PLoS ONE</i> , 2014 , 9, e87554	3.7	15
127	Vitamin B6 generated by obligate symbionts is critical for maintaining proline homeostasis and fecundity in tsetse flies. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 5844-53	4.8	76
126	Aquaporins are critical for provision of water during lactation and intrauterine progeny hydration to maintain tsetse fly reproductive success. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2517	4.8	41
125	The homeodomain protein ladybird late regulates synthesis of milk proteins during pregnancy in the tsetse fly (<i>Glossina morsitans</i>). <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2645	4.8	19
124	International glossina genome initiative 2004-2014: a driver for post-genomic era research on the African continent. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3024	4.8	5
123	Insights into the trypanosome-host interactions revealed through transcriptomic analysis of parasitized tsetse fly salivary glands. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2649	4.8	55

122	Presence of extensive Wolbachia symbiont insertions discovered in the genome of its host <i>Glossina morsitans morsitans</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2728	4.8	55
121	A novel highly divergent protein family identified from a viviparous insect by RNA-seq analysis: a potential target for tsetse fly-specific abortifacients. <i>PLoS Genetics</i> , 2014 , 10, e1003874	6	34
120	Trypanosome Transmission Dynamics in Tsetse. <i>Current Opinion in Insect Science</i> , 2014 , 3, 43-49	5.1	23
119	Comparative genomics reveals multiple genetic backgrounds of human pathogenicity in the <i>Trypanosoma brucei</i> complex. <i>Genome Biology and Evolution</i> , 2014 , 6, 2811-9	3.9	30
118	Tsetse Flies (Diptera) 2014 , 79-92		
117	Establishment and Maintenance of Small Scale Tsetse Colonies 2014 , 165-175		
116	Wolbachia association with the tsetse fly, <i>Glossina fuscipes fuscipes</i> , reveals high levels of genetic diversity and complex evolutionary dynamics. <i>BMC Evolutionary Biology</i> , 2013 , 13, 31	3	21
115	Wolbachia, Sodalis and trypanosome co-infections in natural populations of <i>Glossina austeni</i> and <i>Glossina pallidipes</i> . <i>Parasites and Vectors</i> , 2013 , 6, 232	4	30
114	Tsetse-Wolbachia symbiosis: comes of age and has great potential for pest and disease control. <i>Journal of Invertebrate Pathology</i> , 2013 , 112 Suppl, S94-103	2.6	42
113	<i>Glossina fuscipes</i> populations provide insights for human African trypanosomiasis transmission in Uganda. <i>Trends in Parasitology</i> , 2013 , 29, 394-406	6.4	39
112	Intercommunity effects on microbiome and GpSGHV density regulation in tsetse flies. <i>Journal of Invertebrate Pathology</i> , 2013 , 112 Suppl, S32-9	2.6	22
111	Improving Sterile Insect Technique (SIT) for tsetse flies through research on their symbionts and pathogens. <i>Journal of Invertebrate Pathology</i> , 2013 , 112 Suppl, S2-10	2.6	31
110	Tissue distribution and transmission routes for the tsetse fly endosymbionts. <i>Journal of Invertebrate Pathology</i> , 2013 , 112 Suppl, S116-22	2.6	81
109	Permanent genetic resources added to molecular ecology resources database 1 October 2012-30 November 2012. <i>Molecular Ecology Resources</i> , 2013 , 13, 341-3	8.4	28
108	Juvenile hormone and insulin suppress lipolysis between periods of lactation during tsetse fly pregnancy. <i>Molecular and Cellular Endocrinology</i> , 2013 , 372, 30-41	4.4	36
107	Trypanosome infection establishment in the tsetse fly gut is influenced by microbiome-regulated host immune barriers. <i>PLoS Pathogens</i> , 2013 , 9, e1003318	7.6	93
106	Evaluating paratransgenesis as a potential control strategy for African trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2374	4.8	27
105	Genetically distinct <i>Glossina fuscipes fuscipes</i> populations in the Lake Kyoga region of Uganda and its relevance for human African trypanosomiasis. <i>BioMed Research International</i> , 2013 , 2013, 614721	3	15

104	Characterization of the achromobactin iron acquisition operon in <i>Sodalis glossinidius</i> . <i>Applied and Environmental Microbiology</i> , 2013 , 79, 2872-81	4.8	16
103	Tsetse fly microbiota: form and function. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013 , 3, 69	5.9	76
102	Molecular characterization of <i>Ephestia kuehniella</i> (Lepidoptera: Pyralidae) transferrin and its response to parasitoid <i>Venturia canescens</i> (Hymenoptera: Ichneumonidae Gravenhorst). <i>Insect Molecular Biology</i> , 2012 , 21, 139-47	3.4	5
101	OmpA-mediated biofilm formation is essential for the commensal bacterium <i>Sodalis glossinidius</i> to colonize the tsetse fly gut. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 7760-8	4.8	59
100	Analysis of lipolysis underlying lactation in the tsetse fly, <i>Glossina morsitans</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 360-70	4.5	49
99	Obligate symbionts activate immune system development in the tsetse fly. <i>Journal of Immunology</i> , 2012 , 188, 3395-403	5.3	121
98	The population structure of <i>Glossina fuscipes fuscipes</i> in the Lake Victoria basin in Uganda: implications for vector control. <i>Parasites and Vectors</i> , 2012 , 5, 222	4	23
97	Transcriptional profiles of mating-responsive genes from testes and male accessory glands of the Mediterranean fruit fly, <i>Ceratitis capitata</i> . <i>PLoS ONE</i> , 2012 , 7, e46812	3.7	35
96	Detection and characterization of <i>Wolbachia</i> infections in laboratory and natural populations of different species of tsetse flies (genus <i>Glossina</i>). <i>BMC Microbiology</i> , 2012 , 12 Suppl 1, S3	4.5	94
95	Implications of microfauna-host interactions for trypanosome transmission dynamics in <i>Glossina fuscipes fuscipes</i> in Uganda. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 4627-37	4.8	37
94	<i>Trypanosoma brucei gambiense</i> group 1 is distinguished by a unique amino acid substitution in the HpHb receptor implicated in human serum resistance. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1728	4.8	29
93	Transcript expression analysis of putative <i>Trypanosoma brucei</i> GPI-anchored surface proteins during development in the tsetse and mammalian hosts. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1708	4.8	18
92	Sphingomyelinase activity in mother's milk is essential for juvenile development: a case from lactating tsetse flies. <i>Biology of Reproduction</i> , 2012 , 87, 17, 1-10	3.9	17
91	PGRP-LB is a maternally transmitted immune milk protein that influences symbiosis and parasitism in tsetse's offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10552-7	11.5	70
90	Insight into the transmission biology and species-specific functional capabilities of tsetse (Diptera: glossinidae) obligate symbiont <i>Wigglesworthia</i> . <i>MBio</i> , 2012 , 3,	7.8	76
89	Polyandry is a common event in wild populations of the Tsetse fly <i>Glossina fuscipes fuscipes</i> and may impact population reduction measures. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1190	4.8	18
88	A global sensitivity analysis for African sleeping sickness. <i>Parasitology</i> , 2011 , 138, 516-26	2.7	31
87	Lipophorin acts as a shuttle of lipids to the milk gland during tsetse fly pregnancy. <i>Journal of Insect Physiology</i> , 2011 , 57, 1553-61	2.4	20

86	Microbiome influences on insect host vector competence. <i>Trends in Parasitology</i> , 2011 , 27, 514-22	6.4	258
85	Temporal stability of <i>Glossina fuscipes fuscipes</i> populations in Uganda. <i>Parasites and Vectors</i> , 2011 , 4, 19	4	25
84	Genetic diversity and population structure of <i>Glossina pallidipes</i> in Uganda and western Kenya. <i>Parasites and Vectors</i> , 2011 , 4, 122	4	28
83	Influence of host phylogeographic patterns and incomplete lineage sorting on within-species genetic variability in <i>Wigglesworthia</i> species, obligate symbionts of tsetse flies. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 8400-8	4.8	8
82	Sleeping sickness elimination in sight: time to celebrate and reflect, but not relax. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1008	4.8	29
81	<i>Wolbachia</i> symbiont infections induce strong cytoplasmic incompatibility in the tsetse fly <i>Glossina morsitans</i> . <i>PLoS Pathogens</i> , 2011 , 7, e1002415	7.6	97
80	The salivary secretome of the tsetse fly <i>Glossina pallidipes</i> (Diptera: Glossinidae) infected by salivary gland hypertrophy virus. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1371	4.8	21
79	Tsetse immune system maturation requires the presence of obligate symbionts in larvae. <i>PLoS Biology</i> , 2011 , 9, e1000619	9.7	128
78	Molecular characterization of two novel milk proteins in the tsetse fly (<i>Glossina morsitans morsitans</i>). <i>Insect Molecular Biology</i> , 2010 , 19, 253-62	3.4	20
77	Phylogeography and population structure of <i>Glossina fuscipes fuscipes</i> in Uganda: implications for control of tsetse. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e636	4.8	40
76	Transcriptome analysis of reproductive tissue and intrauterine developmental stages of the tsetse fly (<i>Glossina morsitans morsitans</i>). <i>BMC Genomics</i> , 2010 , 11, 160	4.5	21
75	An insight into the sialome of <i>Glossina morsitans morsitans</i> . <i>BMC Genomics</i> , 2010 , 11, 213	4.5	69
74	Interactions between mutualist <i>Wigglesworthia</i> and tsetse peptidoglycan recognition protein (PGRP-LB) influence trypanosome transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12133-8	11.5	144
73	Characterization of the antimicrobial peptide attacin loci from <i>Glossina morsitans</i> . <i>Insect Molecular Biology</i> , 2008 , 17, 293-302	3.4	22
72	Analysis of milk gland structure and function in <i>Glossina morsitans</i> : milk protein production, symbiont populations and fecundity. <i>Journal of Insect Physiology</i> , 2008 , 54, 1236-42	2.4	114
71	The obligate mutualist <i>Wigglesworthia glossinidia</i> influences reproduction, digestion, and immunity processes of its host, the tsetse fly. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 5965-74 ^{4.8}	4.8	179
70	An insect symbiosis is influenced by bacterium-specific polymorphisms in outer-membrane protein A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15088-93	11.5	60
69	High levels of genetic differentiation between Ugandan <i>Glossina fuscipes fuscipes</i> populations separated by Lake Kyoga. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e242	4.8	29

68	Infections with immunogenic trypanosomes reduce tsetse reproductive fitness: potential impact of different parasite strains on vector population structure. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e1924	4.8	33
67	Paratransgenesis applied for control of tsetse transmitted sleeping sickness. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 627, 35-48	3.6	70
66	Novel strategies targeting pathogen transmission reduction in insect vectors: Tsetse-transmitted trypanosomiasis control. <i>Entomological Research</i> , 2007 , 37, 231-237	1.3	2
65	Molecular aspects of transferrin expression in the tsetse fly (<i>Glossina morsitans morsitans</i>). <i>Journal of Insect Physiology</i> , 2007 , 53, 715-23	2.4	43
64	Replication of Flock House Virus in Three Genera of Medically Important Insects. <i>Journal of Medical Entomology</i> , 2007 , 44, 102-110	2.2	21
63	Refractoriness in Tsetse Flies (Diptera: Glossinidae) May be a Matter of Timing. <i>Journal of Medical Entomology</i> , 2007 , 44, 660-665	2.2	29
62	Replication of flock house virus in three genera of medically important insects. <i>Journal of Medical Entomology</i> , 2007 , 44, 102-10	2.2	23
61	Refractoriness in tsetse flies (Diptera: Glossinidae) may be a matter of timing. <i>Journal of Medical Entomology</i> , 2007 , 44, 660-5	2.2	24
60	Molecular aspects of viviparous reproductive biology of the tsetse fly (<i>Glossina morsitans morsitans</i>): regulation of yolk and milk gland protein synthesis. <i>Journal of Insect Physiology</i> , 2006 , 52, 1128-36	2.4	28
59	Dynamics of multiple symbiont density regulation during host development: tsetse fly and its microbial flora. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 805-14	4.4	81
58	Interspecific transfer of bacterial endosymbionts between tsetse fly species: infection establishment and effect on host fitness. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 7013-21	4.8	54
57	Molecular characterization of iron binding proteins from <i>Glossina morsitans morsitans</i> (Diptera: Glossinidae). <i>Insect Biochemistry and Molecular Biology</i> , 2006 , 36, 921-33	4.5	29
56	Innate immune responses regulate trypanosome parasite infection of the tsetse fly <i>Glossina morsitans morsitans</i> . <i>Molecular Microbiology</i> , 2006 , 60, 1194-204	4.1	103
55	Analysis of fat body transcriptome from the adult tsetse fly, <i>Glossina morsitans morsitans</i> . <i>Insect Molecular Biology</i> , 2006 , 15, 411-24	3.4	54
54	Massive genome erosion and functional adaptations provide insights into the symbiotic lifestyle of <i>Sodalis glossinidius</i> in the tsetse host. <i>Genome Research</i> , 2006 , 16, 149-56	9.7	252
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