Francis Schaffner

List of Publications by Year
in descending order

102 papers	7,911 citations	71102 41 h-index	54911 84 g-index

112 all docs	112 docs citations	112 times ranked	7172 citing authors

#	Article	IF	Citations
1	The global distribution of the arbovirus vectors Aedes aegypti and Ae. albopictus. ELife, 2015, 4, e08347.	6.0	1,428
2	Past and future spread of the arbovirus vectors Aedes aegypti and Aedes albopictus. Nature Microbiology, 2019, 4, 854-863.	13.3	699
3	A Review of the Invasive Mosquitoes in Europe: Ecology, Public Health Risks, and Control Options. Vector-Borne and Zoonotic Diseases, 2012, 12, 435-447.	1.5	526
4	Emerging Vectors in the Culex pipiens Complex. Science, 2004, 303, 1535-1538.	12.6	438
5	The global compendium of Aedes aegypti and Ae. albopictus occurrence. Scientific Data, 2015, 2, 150035.	5.3	271
6	Public health significance of invasive mosquitoes in Europe. Clinical Microbiology and Infection, 2013, 19, 685-692.	6.0	210
7	An entomological review of invasive mosquitoes in Europe. Bulletin of Entomological Research, 2015, 105, 637-663.	1.0	207
8	Dengue and dengue vectors in the WHO European region: past, present, and scenarios for the future. Lancet Infectious Diseases, The, 2014, 14, 1271-1280.	9.1	199
9	Phylogeography of Aedes (Stegomyia) aegypti (L.) and Aedes (Stegomyia) albopictus (Skuse) (Diptera:) Tj ETQq1 1 0.784314 rgBT /O	0.9	170
10	Potential Vectors of Rift Valley Fever Virus in the Mediterranean Region. Vector-Borne and Zoonotic Diseases, 2008, 8, 749-754.	1.5	164
11	European Surveillance for West Nile Virus in Mosquito Populations. International Journal of Environmental Research and Public Health, 2013, 10, 4869-4895.	2.6	149
12	The invasive mosquito Aedes japonicus in Central Europe. Medical and Veterinary Entomology, 2009, 23, 448-451.	1.5	137
13	Vector Competence of Some French Culex and Aedes Mosquitoes for West Nile Virus. Vector-Borne and Zoonotic Diseases, 2008, 8, 589-596.	1.5	125
14	Spread of the Invasive Mosquitoes Aedes aegypti and Aedes albopictus in the Black Sea Region Increases Risk of Chikungunya, Dengue, and Zika Outbreaks in Europe. PLoS Neglected Tropical Diseases, 2016, 10, e0004664.	3.0	116
15	Introduction and Establishment of the Exotic Mosquito SpeciesAedes japonicus japonicus(Diptera: Culicidae) in Belgium. Journal of Medical Entomology, 2009, 46, 1464-1467.	1.8	98
16	First report in italy of the exotic mosquito species Aedes (Finlaya) koreicus, a potential vector of arboviruses and filariae. Parasites and Vectors, 2011, 4, 188.	2.5	96
17	Alien Pathogens on the Horizon: Opportunities for Predicting their Threat to Wildlife. Conservation Letters, 2017, 10, 477-484.	5.7	96
18	Chikungunya: A risk for Mediterranean countries?. Acta Tropica, 2008, 105, 200-202.	2.0	90

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19	First record of Ochlerotatus (Finlaya) japonicus japonicus (Theobald, 1901) in metropolitan France. Journal of the American Mosquito Control Association, 2003, 19, 1-5.	0.7	83
20	Evaluation of matrix-assisted laser desorption/ionization time of flight mass spectrometry for characterization of Culicoides nubeculosus biting midges. Medical and Veterinary Entomology, 2011, 25, 32-38.	1.5	81
21	Bionomics of the Established Exotic Mosquito Species <I>Aedes koreicus</I> in Belgium, Europe. Journal of Medical Entomology, 2012, 49, 1226-1232.	1.8	79
22	Development of guidelines for the surveillance of invasive mosquitoes in Europe. Parasites and Vectors, 2013, 6, 209.	2.5	76
23	Identification of field-caught Culicoides biting midges using matrix-assisted laser desorption/ionization time of flight mass spectrometry. Parasitology, 2012, 139, 248-258.	1.5	72
24	Introduction and control of three invasive mosquito species in the Netherlands, July-October 2010. Eurosurveillance, 2010, 15, .	7.0	72
25	First detection of Aedes japonicus in Spain: an unexpected finding triggered by citizen science. Parasites and Vectors, 2019, 12, 53.	2.5	70
26	West Nile virus in overwintering mosquitoes, central Europe. Parasites and Vectors, 2017, 10, 452.	2.5	69
27	Mosquitoes of North-Western Europe as Potential Vectors of Arboviruses: A Review. Viruses, 2019, 11, 1059.	3.3	69
28	Identification of phlebotomine sand flies using one MALDI-TOF MS reference database and two mass spectrometer systems. Parasites and Vectors, 2015, 8, 266.	2.5	66
29	Rapid protein profiling facilitates surveillance of invasive mosquito species. Parasites and Vectors, 2014, 7, 142.	2.5	65
30	Two invasive mosquito species, Aedes albopictus and Aedes japonicus japonicus, trapped in south-west Germany, July to August 2011. Eurosurveillance, 2012, 17, .	7.0	59
31	The arbovirus vector Culex torrentium is more prevalent than Culex pipiens in northern and central Europe. Medical and Veterinary Entomology, 2014, 28, 179-186.	1.5	57
32	Spatio-temporal occurrence of Culicoides biting midges in the climatic regions of Switzerland, along with large scale species identification by MALDI-TOF mass spectrometry. Parasites and Vectors, 2012, 5, 246.	2.5	55
33	Host preferences in hostâ€seeking and bloodâ€fed mosquitoes in Switzerland. Medical and Veterinary Entomology, 2016, 30, 39-52.	1.5	53
34	Sampling strategies for phlebotomine sand flies (Diptera: Psychodidae) in Europe. Bulletin of Entomological Research, 2015, 105, 664-678.	1.0	52
35	Detection of the invasive mosquito species Aedes albopictus in southern England. Lancet Infectious Diseases, The, 2017, 17, 140.	9.1	52
36	Molecular characterization of Swiss Ceratopogonidae (Diptera) and evaluation of real-time PCR assays for the identification of Culicoides biting midges. Veterinary Parasitology, 2012, 184, 258-266.	1.8	51

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37	Monitoring population and environmental parameters of invasive mosquito species in Europe. Parasites and Vectors, 2014, 7, 187.	2.5	50
38	Increased risk for autochthonous vector-borne infections transmitted by Aedes albopictus in continental Europe. Eurosurveillance, 2018, 23, .	7.0	49
39	Effects of Local Anthropogenic Changes on Potential Malaria VectorAnopheles hyrcanusand West Nile Virus VectorCulex modestus,Camargue, France. Emerging Infectious Diseases, 2007, 13, 1810-1815.	4.3	47
40	Practical management plan for invasive mosquito species in Europe: I. Asian tiger mosquito (Aedes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.0	46
41	EVIDENCE OF LABORATORY VECTOR COMPETENCE OF CULEX MODESTUS FOR WEST NILE VIRUS. Journal of the American Mosquito Control Association, 2007, 23, 233-236.	0.7	45
42	Biology and dynamics of potential malaria vectors in Southern France. Malaria Journal, 2007, 6, 18.	2.3	42
43	Evaluation of matrix-assisted laser desorption/ionization time of flight mass spectrometry for the identification of ceratopogonid and culicid larvae. Parasitology, 2013, 140, 318-327.	1.5	42
44	Anopheles plumbeus (Diptera: Culicidae) in Europe: a mere nuisance mosquito or potential malaria vector?. Malaria Journal, 2012, 11, 393.	2.3	39
45	Aedes aegypti in the Black Sea: recent introduction or ancient remnant?. Parasites and Vectors, 2018, 11, 396.	2.5	39
46	First record of Aedes (Stegomyia) albopictus in Belgium. Journal of the American Mosquito Control Association, 2004, 20, 201-3.	0.7	39
47	Introduction and control of three invasive mosquito species in the Netherlands, July-October 2010. Eurosurveillance, 2010, 15, .	7.0	38
48	Population dynamics of pest mosquitoes and potential malaria and West Nile virus vectors in relation to climatic factors and human activities in the Camargue, France. Medical and Veterinary Entomology, 2007, 21, 350-357.	1.5	37
49	Unexpected Patterns of Admixture in German Populations of Aedes japonicus japonicus (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	37
50	Comparison of different trapping methods for surveillance of mosquito vectors of West Nile virus in RhÃ´ne Delta, France. Journal of Vector Ecology, 2012, 37, 269-275.	1.0	36
51	Spread of Aedes japonicus japonicus (Theobald, 1901) in Austria, 2011â€“2015, and first records of the subspecies for Hungary, 2012, and the principality of Liechtenstein, 2015. Parasites and Vectors, 2016, 9, 356.	2.5	36
52	Mosquito Surveillance and the First Record of the Invasive Mosquito Species Aedes () albopictus (Skuse) (Diptera: Culicidae) in Southern Iran. Iranian Journal of Public Health, 2016, 45, 1064-1073.	0.5	36
53	Distribution of Aedes albopictus (Diptera, Culicidae) in southwestern Pacific countries, with a first report from the Kingdom of Tonga. Parasites and Vectors, 2012, 5, 247.	2.5	34
54	Genetic differentiation of Anopheles claviger s.s. in France and neighbouring countries. Medical and Veterinary Entomology, 2000, 14, 264-271.	1.5	29

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55	Human-Induced Expanded Distribution of Anopheles plumbeus, Experimental Vector of West Nile Virus and a Potential Vector of Human Malaria in Belgium. Journal of Medical Entomology, 2011, 48, 924-928.	1.8	28
56	A case of autochthonous Plasmodium vivax malaria, Corsica, August 2006. Travel Medicine and Infectious Disease, 2008, 6, 36-40.	3.0	27
57	Bluetongue, Schmallenberg - what is next? Culicoides-borne viral diseases in the 21st Century. BMC Veterinary Research, 2014, 10, 77.	1.9	27
58	Re-emergence of Aedes aegypti in Egypt. Lancet Infectious Diseases, The, 2018, 18, 142-143.	9.1	27
59	POLYMERASE CHAIN REACTIONâ€“BASED DIFFERENTIATION OF THE MOSQUITO SIBLING SPECIES ANOPHELES CLAVIGER S.S. AND ANOPHELES PETRAGNANI (DIPTERA: CULICIDAE). American Journal of Tropical Medicine and Hygiene, 2003, 69, 195-199.	1.4	27
60	Southern crossroads of the Western Palaearctic during the Late Pleistocene and their imprints on current patterns of genetic diversity: insights from the mosquito Aedes caspius. Journal of Biogeography, 2011, 38, 20-30.	3.0	25
61	Updated checklist of the mosquitoes (Diptera: Culicidae) of Belgium. Journal of Vector Ecology, 2015, 40, 398-407.	1.0	25
62	Autochthonous dengue emphasises the threat of arbovirosis in Europe. Lancet Infectious Diseases, The, 2014, 14, 1044.	9.1	24
63	First record of <scp>S</scp>tegomyia albopicta (=â€‰<scp>A</scp>edes albopictus) in <scp>M</scp>orocco: a major threat to public health in <scp>N</scp>orthÂ<scp>A</scp>frica?. Medical and Veterinary Entomology, 2017, 31, 102-106.	1.5	21
64	Field sampling methods for mosquitoes, sandflies, biting midges and ticks. EFSA Supporting Publications, 2018, 15, 1435E.	0.7	20
65	Mapping of Resistance to Vegetable Polyphenols among Aedes Taxa (Diptera, Culicidae) on a Molecular Phylogeny. Molecular Phylogenetics and Evolution, 2001, 19, 317-325.	2.7	19
66	Exotic Mosquitoes Conquer the World. Parasitology Research Monographs, 2012, , 31-60.	0.3	18
67	Morphological studies on adult mosquitoes (Diptera: Culicidae) and first report of the potential Zika virus vector Aedes (Stegomyia) unilineatus (Theobald, 1906) in Iran. Bulletin De La Societe De Pathologie Exotique, 2017, 110, 116-121.	0.3	17
68	First record of the invasive mosquito species Aedes (Stegomyia) albopictus (Diptera: Culicidae) on the southernmost Mediterranean islands of Italy and Europe. Parasites and Vectors, 2017, 10, 543.	2.5	17
69	The challenge of invasive mosquito vectors in the U.K. during 2016â€“2018: a summary of the surveillance and control of Aedes albopictus. Medical and Veterinary Entomology, 2019, 33, 443-452.	1.5	17
70	A case of autochthonous Plasmodium vivax malaria, Corsica, August 2006. , 2006, 11, E061116.3.		17
71	Possibility of Leishmaniasis Transmission in Jura, France. Emerging Infectious Diseases, 2012, 18, 1030a-1030a.	4.3	15
72	Reintroduction of the invasive mosquito speciesAedes albopictusin Belgium in July 2013. Parasite, 2013, 20, 54.	2.0	15

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73	First report of Aedes (Stegomyia) albopictus (Diptera: Culicidae) in Oran, West of Algeria. Acta Tropica, 2016, 164, 411-413.	2.0	15
74	Survey of Phortica drosophilid flies within and outside of a recently identified transmission area of the eye worm Thelazia callipaeda in Switzerland. Veterinary Parasitology, 2010, 171, 58-67.	1.8	14
75	Diversity and seasonal abundances of mosquitoes at potential arboviral transmission sites in two different climate zones in Switzerland. Medical and Veterinary Entomology, 2018, 32, 175-185.	1.5	14
76	Field evaluation of baited traps for surveillance of Aedes japonicus japonicus in Switzerland. Medical and Veterinary Entomology, 2016, 30, 64-72.	1.5	13
77	Loopâ€mediated isothermal amplification (LAMP) for the identification of invasive Aedes mosquito species. Medical and Veterinary Entomology, 2019, 33, 345-351.	1.5	13
78	Implementation of surveillance of invasive mosquitoes in Belgium according to the ECDC guidelines. Parasites and Vectors, 2014, 7, 201.	2.5	12
79	Effects of Pyriproxifen onAedes japonicusDevelopment and Its Auto-Dissemination by Gravid Females in Laboratory Trials. Journal of the American Mosquito Control Association, 2016, 32, 55-58.	0.7	11
80	Polymerase chain reaction-based differentiation of the mosquito sibling species Anopheles claviger s.s. and Anopheles petragnani (Diptera: Culicidae). American Journal of Tropical Medicine and Hygiene, 2003, 69, 195-9.	1.4	11
81	Assessing the role of two populations of Aedes japonicus japonicus for Zika virus transmission under a constant and a fluctuating temperature regime. Parasites and Vectors, 2020, 13, 479.	2.5	10
82	Seasonality and timing of peak abundance of Aedes albopictus in Europe: Implications to public and animal health. Geospatial Health, 2021, 16, .	0.8	10
83	A Survey of Aedes (Diptera: Culicidae) Mosquitoes in Tunisia and the Potential Role of Aedes detritus and Aedes caspius in the Transmission of Zika Virus. Journal of Medical Entomology, 2019, 56, 1377-1383.	1.8	9
84	Population genetic structure of the Asian bush mosquito, Aedes japonicus (Diptera, Culicidae), in Belgium suggests multiple introductions. Parasites and Vectors, 2021, 14, 179.	2.5	9
85	Vectors and vector-borne diseases in Qatar: current status, key challenges and future prospects. Journal of the European Mosquito Control Association, 2021, 39, 3-13.	1.0	8
86	Systematic literature review on the geographic distribution of rift valley fever vectors in Europe and the neighbouring countries of the Mediterranean Basin. EFSA Supporting Publications, 2013, 10, 412E.	0.7	7
87	Evolution of sexually-transferred steroids and mating-induced phenotypes in Anopheles mosquitoes. Scientific Reports, 2019, 9, 4669.	3.3	7
88	The invasive Asian tiger mosquito Aedes albopictus in Romania: towards a country-wide colonization?. Parasitology Research, 2020, 119, 841-845.	1.6	7
89	Rodent Ectoparasites in the Middle East: A Systematic Review and Meta-Analysis. Pathogens, 2021, 10, 139.	2.8	7
90	The invasive Asian tiger mosquito Aedes albopictus (Diptera: Culicidae) in the Czech Republic: Repetitive introduction events highlight the need for extended entomological surveillance. Acta Tropica, 2018, 185, 239-241.	2.0	6

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91	RVF vector spatial distribution models: vector abundance. EFSA Supporting Publications, 2020, 17, 1847E.	0.7	6
92	Arrival of the Asian tiger mosquito, Aedes albopictus (Skuse, 1895) in Vienna, Austria and initial monitoring activities. Transboundary and Emerging Diseases, 2021, 68, 3145-3150.	3.0	6
93	Genetic Differentiation of <I>Anopheles claviger</I> s.s. in Europe. Journal of Medical Entomology, 2003, 40, 865-875.	1.8	5
94	Overwintering ofUranotaenia UnguiculataAdult Females in Central Europe: A Possible Way of Persistence of the Putative New Lineage of West Nile Virus?. Journal of the American Mosquito Control Association, 2015, 31, 364-365.	0.7	5
95	Re-examination of the taxonomic status of Anopheles hyrcanus and An. pseudopictus using a multilocus genetic approach. Journal of Vector Ecology, 2018, 43, 179-183.	1.0	5
96	The mosquitoes of Armenia: review of knowledge and results of a field survey with first report ofAedes albopictus. Parasite, 2020, 27, 42.	2.0	5
97	Mosquitoes (Diptera: Culicidae) in the Darkâ€"Highlighting the Importance of Genetically Identifying Mosquito Populations in Subterranean Environments of Central Europe. Pathogens, 2021, 10, 1090.	2.8	5
98	Identification and characterisation of mosquitoes from different locations in Qatar in 2017â€“2019. Parasite, 2021, 28, 84.	2.0	5
99	Identifier un moustique : morphologie classique et nouvelles techniques molÃ©culaires associÃ©es pour une taxonomie intÃ©grÃ©e. Revue Francophone Des Laboratoires, 2020, 2020, 24-33.	0.0	3
100	Preventing vector-borne diseases at major sport events: Addressing the challenges for FIFA 22 in Qatar. PLoS Neglected Tropical Diseases, 2021, 15, e0009135.	3.0	3
101	Occurrence of Aedes cretinus in Cyprus based on information collected by citizen scientists. Journal of the European Mosquito Control Association, 2021, 39, 31-38.	1.0	3
102	The Asian tiger mosquito Aedes albopictus (Skuse) in Kosovo: First record. PLoS ONE, 2022, 17, e0264300.	2.5	2