

Jens Amendt

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,856
citations

236612

25
h-index

182168

51
g-index

88
all docs

88
docs citations

88
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Best practice in forensic entomologyâ€™ standards and guidelines. <i>International Journal of Legal Medicine</i> , 2007, 121, 90-104.	1.2	577
2	Forensic entomology. <i>Die Naturwissenschaften</i> , 2004, 91, 51-65.	0.6	342
3	Forensic entomology: applications and limitations. <i>Forensic Science, Medicine, and Pathology</i> , 2011, 7, 379-392.	0.6	334
4	Genetic identification of forensically important flesh flies (Diptera: Sarcophagidae). <i>International Journal of Legal Medicine</i> , 2004, 118, 245-7.	1.2	113
5	The use of COI barcodes for molecular identification of forensically important fly species in Germany. <i>Parasitology Research</i> , 2012, 110, 2325-2332.	0.6	71
6	Molecular identification of carrion-breeding scuttle flies (Diptera: Phoridae) using COI barcodes. <i>International Journal of Legal Medicine</i> , 2010, 124, 577-581.	1.2	63
7	Differential gene expression during metamorphosis: a promising approach for age estimation of forensically important <i>Calliphora vicina</i> pupae (Diptera: Calliphoridae). <i>International Journal of Legal Medicine</i> , 2013, 127, 243-249.	1.2	63
8	Forensic entomology in Germany. <i>Forensic Science International</i> , 2000, 113, 309-314.	1.3	61
9	The nocturnal oviposition behaviour of blowflies (Diptera: Calliphoridae) in Central Europe and its forensic implications. <i>Forensic Science International</i> , 2008, 175, 61-64.	1.3	50
10	Wing morphometrics as a tool in species identification of forensically important blow flies of Thailand. <i>Parasites and Vectors</i> , 2017, 10, 229.	1.0	50
11	Advances in Entomological Methods for Death Time Estimation. <i>Forensic Pathology Reviews</i> , 2011, , 213-237.	0.1	49
12	De novo transcriptome analysis and highly sensitive digital gene expression profiling of <i>Calliphora vicina</i> (Diptera: Calliphoridae) pupae using MACE (Massive Analysis of cDNA Ends). <i>Forensic Science International: Genetics</i> , 2015, 15, 137-146.	1.6	45
13	Species composition of forensically important blow flies (Diptera: Calliphoridae) and flesh flies (Diptera: Sarcophagidae) through space and time. <i>Forensic Science International</i> , 2014, 236, 1-9.	1.3	42
14	A field study to evaluate PMI estimation methods for advanced decomposition stages. <i>International Journal of Legal Medicine</i> , 2020, 134, 1361-1373.	1.2	39
15	Can soil testate amoebae be used for estimating the time since death? A field experiment in a deciduous forest. <i>Forensic Science International</i> , 2014, 236, 90-98.	1.3	36
16	Myiasis in humansâ€™ a global case report evaluation and literature analysis. <i>Parasitology Research</i> , 2019, 118, 389-397.	0.6	36
17	Estimating the Postmortem Interval of Wild Boar Carcasses. <i>Veterinary Sciences</i> , 2020, 7, 6.	0.6	36
18	The analysis of temporal gene expression to estimate the age of forensically important blow fly pupae: results from three blind studies. <i>International Journal of Legal Medicine</i> , 2014, 128, 565-573.	1.2	33

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19	Effects of different storage and measuring methods on larval length values for the blow flies (Diptera: Calliphoridae) <i>Lucilia sericata</i> and <i>Calliphora vicina</i> . <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 159-164.	1.3	33
20	Effects of decomposing cadavers on soil nematode communities over a one-year period. <i>Soil Biology and Biochemistry</i> , 2016, 103, 405-416.	4.2	30
21	Gene expression analysis as a tool for age estimation of blowfly pupae. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 292-293.	0.1	29
22	Prevalences of tick-borne encephalitis virus and <i>Borrelia burgdorferi sensu lato</i> in <i>Ixodes ricinus</i> populations of the Rhine-Main region, Germany. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 207-213.	1.1	29
23	<i>Lucilia silvarum</i> Meigen, 1826 (Diptera: Calliphoridae) – A new species of interest for forensic entomology in Europe. <i>Forensic Science International</i> , 2012, 222, 335-339.	1.3	28
24	Strengthen forensic entomology in court – the need for data exploration and the validation of a generalised additive mixed model. <i>International Journal of Legal Medicine</i> , 2013, 127, 213-223.	1.2	25
25	Application of DNA barcoding for identifying forensically relevant Diptera from northern Thailand. <i>Parasitology Research</i> , 2016, 115, 2307-2320.	0.6	25
26	It is all about the insects: a retrospective on 20 years of forensic entomology highlights the importance of insects in legal investigations. <i>International Journal of Legal Medicine</i> , 2021, 135, 2637-2651.	1.2	25
27	Establishment of developmental charts for the larvae of the blow fly <i>Calliphora vicina</i> using quantile regression. <i>Forensic Science International</i> , 2015, 248, 1-9.	1.3	24
28	Environmental factors influencing flight activity of forensically important female blow flies in Central Europe. <i>International Journal of Legal Medicine</i> , 2019, 133, 1267-1278.	1.2	24
29	The applicability of forensic time since death estimation methods for buried bodies in advanced decomposition stages. <i>PLoS ONE</i> , 2020, 15, e0243395.	1.1	24
30	Diapause-specific gene expression in <i>Calliphora vicina</i> (Diptera: Calliphoridae) – a useful diagnostic tool for forensic entomology. <i>International Journal of Legal Medicine</i> , 2014, 128, 1001-1011.	1.2	20
31	Quantitative pteridine fluorescence analysis: A possible age-grading technique for the adult stages of the blow fly <i>Calliphora vicina</i> (Diptera: Calliphoridae). <i>Journal of Insect Physiology</i> , 2017, 98, 356-359.	0.9	18
32	Estimating the age of the adult stages of the blow flies <i>Lucilia sericata</i> and <i>Calliphora vicina</i> (Diptera: Calliphoridae). <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 361-365.	1.3	18
33	Wing morphometric analysis of forensically important flesh flies (Diptera: Sarcophagidae) in Thailand. <i>Acta Tropica</i> , 2019, 190, 312-319.	0.9	18
34	Blow fly artifacts from blood and putrefaction fluid on various surfaces: a source for forensic STR typing. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 157, 255-262.	0.7	17
35	Helicopter thermal imaging for detecting insect infested cadavers. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 366-372.	1.3	17
36	Bionomics of the oriental latrine fly <i>Chrysomya megacephala</i> (Fabricius) (Diptera: Calliphoridae): temporal fluctuation and reproductive potential. <i>Parasites and Vectors</i> , 2018, 11, 415.	1.0	17

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37	Carcass concealment alters assemblages and reproduction of forensically important beetles. <i>Forensic Science International</i> , 2018, 291, 124-132.	1.3	17
38	<i>Forensische Entomologie. Rechtsmedizin</i> , 2004, 14, 127-140.	2.6	16
39	Effect of different post-feeding intervals on the total time of development of the blowfly <i>Lucilia sericata</i> (Diptera: Calliphoridae). <i>Forensic Science International</i> , 2012, 221, 65-69.	1.3	16
40	Molecular identification and phylogenetic analysis of the forensically important family Piophilidae (Diptera) from different European locations. <i>Forensic Science International</i> , 2016, 259, 77-84.	1.3	16
41	Dating Pupae of the Blow Fly <i>Calliphora vicina</i> Robineau-Desvoidy 1830 (Diptera: Calliphoridae) for Post Mortem Interval Estimation: Validation of Molecular Age Markers. <i>Genes</i> , 2018, 9, 153.	1.0	16
42	Temperature-dependent development of the blow fly <i>Chrysomya pinguis</i> and its significance in estimating postmortem interval. <i>Royal Society Open Science</i> , 2019, 6, 190003.	1.1	16
43	Descriptive analyses of differentially expressed genes during larval development of <i>Calliphora vicina</i> (Diptera: Calliphoridae). <i>International Journal of Legal Medicine</i> , 2015, 129, 891-902.	1.2	15
44	Species diversity and tissue specific dispersal of necrophagous Diptera on human bodies. <i>Forensic Science, Medicine, and Pathology</i> , 2018, 14, 76-84.	0.6	15
45	A molecular, morphological, and physiological comparison of English and German populations of <i>Calliphora vicina</i> (Diptera: Calliphoridae). <i>PLoS ONE</i> , 2018, 13, e0207188.	1.1	15
46	The Forensic Entomology Case Report—A Global Perspective. <i>Insects</i> , 2021, 12, 283.	1.0	15
47	A preliminary study about the spatiotemporal distribution of forensically important blow flies (Diptera: Calliphoridae) in the area of Bern, Switzerland. <i>Forensic Science International</i> , 2018, 289, 57-66.	1.3	13
48	Molecular Analysis of Forensically Important Blow Flies in Thailand. <i>Insects</i> , 2018, 9, 159.	1.0	12
49	The time of death in Dutch court; using the Daubert criteria to evaluate methods to estimate the PMI used in court. <i>Legal Medicine</i> , 2021, 53, 101970.	0.6	12
50	Cuticular hydrocarbons for the identification and geographic assignment of empty puparia of forensically important flies. <i>International Journal of Legal Medicine</i> , 2022, 136, 1791-1800.	1.2	12
51	Estimating the postmortem interval by determining the age of fly pupae: Are there any molecular tools?. <i>International Congress Series</i> , 2006, 1288, 619-621.	0.2	11
52	Patterns of interspecific associations of stem galls on willows. <i>Diversity and Distributions</i> , 2003, 9, 443-453.	1.9	10
53	Development of <i>Muscina stabulans</i> at constant temperatures with implications for minimum postmortem interval estimation. <i>Forensic Science International</i> , 2019, 298, 71-79.	1.3	10
54	Forensic entomology. <i>Forensic Sciences Research</i> , 2018, 3, 1-1.	0.9	9

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55	An empirical comparison of decomposition and fly colonisation of concealed carcasses in the Old and New World. <i>International Journal of Legal Medicine</i> , 2019, 133, 1593-1602.	1.2	9
56	Time Flies – Age Grading of Adult Flies for the Estimation of the Post-Mortem Interval. <i>Diagnostics</i> , 2021, 11, 152.	1.3	9
57	Cutaneous myiasis in a patient with seborrhoeic eczema. <i>Lancet, The</i> , 2014, 383, 1012.	6.3	8
58	Ultrastructure of male genitalia of blow flies (Diptera: Calliphoridae) of forensic importance. <i>Acta Tropica</i> , 2018, 179, 61-80.	0.9	7
59	Decomposition and insect colonization patterns of pig cadavers lying on forest soil and suspended above ground. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 342-351.	0.6	7
60	Age determination of the adult blow fly <i>Lucilia sericata</i> (Diptera: Calliphoridae) through quantitative pteridine fluorescence analysis. <i>Forensic Science, Medicine, and Pathology</i> , 2020, 16, 641-648.	0.6	7
61	Stay cool or get hot? An applied primer for using temperature in forensic entomological case work. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020, 60, 415-422.	1.3	7
62	To Be There or Not to Be There, That Is the Question – On the Problem of Delayed Sampling of Entomological Evidence. <i>Insects</i> , 2021, 12, 148.	1.0	7
63	Insect Decline – A Forensic Issue?. <i>Insects</i> , 2021, 12, 324.	1.0	7
64	STR typing of human DNA from fly larvae fed on decomposing bodies. <i>Journal of Forensic Sciences</i> , 2004, 49, 337-40.	0.9	7
65	Insekten auf Leichen: Forensische Entomologie. <i>Biologie in Unserer Zeit</i> , 2005, 35, 232-240.	0.3	6
66	Multispecies blow fly myiasis combined with hypothermia in a man assumed to be dead. <i>Parasitology Research</i> , 2018, 117, 579-583.	0.6	6
67	<i>Chrysomya chani</i> (Diptera: Calliphoridae), a blow fly species of forensic importance: morphological characters of the third larval instar and a case report from Thailand. <i>Forensic Sciences Research</i> , 2018, 3, 83-93.	0.9	5
68	Same, same but different! – matching entomological traces to a human food source by stable isotope analysis. <i>International Journal of Legal Medicine</i> , 2018, 132, 915-921.	1.2	4
69	Mites (Acari) as a Relevant Tool in Trace Evidence and Postmortem Analyses of Buried Corpses. <i>Journal of Forensic Sciences</i> , 2020, 65, 2174-2183.	0.9	4
70	Wing morphometrics as a tool for the identification of forensic important <i>Lucilia</i> spp. (Diptera: Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 14	0.9	4
71	Influence of storage on larval length and age determination of the forensically important blow fly <i>Lucilia sericata</i> (Diptera: Calliphoridae). <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021, 61, 579-585.	1.3	3
72	Dynamics of insects, microorganisms and muscle mRNA on pig carcasses and their significances in estimating PMI. <i>Forensic Science International</i> , 2021, 329, 111090.	1.3	3

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73	On the influence of environmental factors on the oviposition activity of necrophagous flies. <i>Ecological Entomology</i> , 2022, 47, 357-370.	1.1	3
74	Zur Bestimmung der Leichenliegezeit mit Hilfe nekrophiler Insekten in der kalten Jahreszeit. <i>Rechtsmedizin</i> , 2001, 11, 64-68.	2.6	2
75	Future Trends in Forensic Entomology. , 2009, , 353-368.		2
76	Insects Help to Solve Crimes. , 2011, , 227-242.		2
77	Precocious egg development in wild <i>Calliphora vicina</i> (Diptera: Calliphoridae) – An issue of relevance in forensic entomology?. <i>Forensic Science International</i> , 2020, 306, 110075.	1.3	2
78	Analysing Forensic Entomology Data Using Additive Mixed Effects Modelling. , 2009, , 139-162.		1
79	A fatal search for worms – a peculiar electrical accident. <i>Legal Medicine</i> , 2003, 5, 242-245.	0.6	0
80	Amphibian myiasis. Blowfly larvae (<i>Lucilia bufonivora</i> , Diptera: Calliphoridae) coping with the poisonous skin secretion of the common toad (<i>Bufo bufo</i>). <i>Chemoecology</i> , 2014, 24, 159-164.	0.6	0