

# Thomas J Simonsen

## List of Publications by Year in descending order

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45  
papers

1,661  
citations

394421

19  
h-index

302126

39  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Order Lepidoptera Linnaeus, 1758. In: Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. Zootaxa, 2011, 3148, .	0.5	398
2	Towards a mitogenomic phylogeny of Lepidoptera. Molecular Phylogenetics and Evolution, 2014, 79, 169-178.	2.7	185
3	A molecular phylogeny for the pyraloid moths (Lepidoptera: Pyraloidea) and its implications for higher-level classification. Systematic Entomology, 2012, 37, 635-656.	3.9	96
4	Virtual forensic entomology: Improving estimates of minimum post-mortem interval with 3D micro-computed tomography. Forensic Science International, 2012, 220, 251-264.	2.2	85
5	A molecular phylogeny for the oldest (nonditrysiian) lineages of extant Lepidoptera, with implications for classification, comparative morphology and life-history evolution. Systematic Entomology, 2015, 40, 671-704.	3.9	82
6	Metamorphosis revealed: time-lapse three-dimensional imaging inside a living chrysalis. Journal of the Royal Society Interface, 2013, 10, 20130304.	3.4	80
7	Deceptive single-locus taxonomy and phylogeography: <i>Wolbachia</i> -associated divergence in mitochondrial DNA is not reflected in morphology and nuclear markers in a butterfly species. Ecology and Evolution, 2013, 3, 5167-5176.	1.9	72
8	Resolving Confusion in the Use of Concepts and Terminology in Intrapuparial Development Studies of Cyclorrhaphous Diptera. Journal of Medical Entomology, 2016, 53, 1249-1251.	1.8	56
9	Phylogenetics and divergence times of Papilioninae (Lepidoptera) with special reference to the enigmatic genera <i>Teinopalpus</i> and <i>Meandrusa</i> . Cladistics, 2011, 27, 113-137.	3.3	53
10	Looking into the puparium: Micro-CT visualization of the internal morphological changes during metamorphosis of the blow fly, <i>Calliphora vicina</i> , with the first quantitative analysis of organ development in cyclorrhaphous dipterans. Journal of Morphology, 2017, 278, 629-651.	1.2	48
11	Morphology, molecules and fritillaries: approaching a stable phylogeny for Argynnini (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	46
12	Age estimation during the blow fly intra-puparial period: a qualitative and quantitative approach using micro-computed tomography. International Journal of Legal Medicine, 2017, 131, 1429-1448.	2.2	36
13	Virtual dissections through micro-CT scanning: a method for non-destructive genitalia dissections of valuable Lepidoptera material. Systematic Entomology, 2014, 39, 606-618.	3.9	32
14	The wing vestiture of the non-ditrysiian Lepidoptera (Insecta). Comparative morphology and phylogenetic implications. Acta Zoologica, 2001, 82, 275-298.	0.8	29
15	Fritillary phylogeny, classification, and larval host plants: reconstructed mainly on the basis of male and female genitalic morphology (Lepidoptera: Nymphalidae: Argynnini). Biological Journal of the Linnean Society, 2006, 89, 627-673.	1.6	28
16	The "dance" of life: visualizing metamorphosis during pupation in the blow fly <i>Calliphora vicina</i> by X-ray video imaging and micro-computed tomography. Royal Society Open Science, 2017, 4, 160699.	2.4	25
17	Tracing an Invasion: Phylogeography of <i>Cactoblastis cactorum</i> (Lepidoptera: Pyralidae) in the United States Based on Mitochondrial DNA. Annals of the Entomological Society of America, 2008, 101, 899-905.	2.5	22
18	Butterfly morphology in a molecular age " Does it still matter in butterfly systematics?. Arthropod Structure and Development, 2012, 41, 307-322.	1.4	21

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19	Scale length/wing length correlation in Lepidoptera (Insecta). <i>Journal of Natural History</i> , 2003, 37, 673-679.	0.5	19
20	The evolutionary history of <i>Boloria</i> (Lepidoptera: Nymphalidae): phylogeny, zoogeography and larval foodplant relationships. <i>Systematics and Biodiversity</i> , 2010, 8, 513-529.	1.2	19
21	<i>Boloria</i> phylogeny (Lepidoptera: Nymphalidae): tentatively reconstructed on the basis of male and female genitalic morphology. <i>Systematic Entomology</i> , 2005, 30, 653-665.	3.9	17
22	Tracing an Invasion: Phylogeography of <i>Cactoblastis cactorum</i> (Lepidoptera: Tineidae) in North America, 2008, 101, 899-905.	2.5	16
23	<i>Agathiphaga</i> wing vestiture revisited: evidence for complex early evolution of lepidopteran scales (Lepidoptera: Agathiphagidae). <i>Insect Systematics and Evolution</i> , 2001, 32, 169-175.	0.7	14
24	Glands, muscles and genitalia. Morphological and phylogenetic implications of histological characters in the male genitalia of fritillary butterflies (Lepidoptera: Nymphalidae: Argynnini). <i>Zoologica Scripta</i> , 2006, 35, 231-241.	1.7	13
25	2. "Hairs"™ and scales. , 2003, , 9-22.		12
26	Comparative morphology and evolutionary aspects of the reflective under wing scale-pattern in fritillary butterflies (Nymphalidae: Argynnini). <i>Zoologischer Anzeiger</i> , 2007, 246, 1-10.	0.9	12
27	Phylogeny of the cactus-feeding phycitines and their relatives (Lepidoptera, Pyralidae) based on adult morphology: Evaluation of adult character-systems in phycitine systematics and evidence for a single origin of Cactaceae-feeding larvae. <i>Insect Systematics and Evolution</i> , 2008, 39, 303-325.	0.7	12
28	Phylogeography of <i>Hepialus humuli</i> (L.) (Lepidoptera: Hepialidae) in Europe: short distance vs. large scale postglacial expansions from multiple Alpine refugia and taxonomic implications. <i>Insect Systematics and Evolution</i> , 2014, 45, 209-250.	0.7	12
29	Testing DNA barcodes against morphology for the tripectinate <i>Abantiades</i> (Lepidoptera: Hepialidae) reveals a complex relationship between COI sequence data and morphology. <i>Austral Entomology</i> , 2019, 58, 792-799.	1.4	10
30	Genus delimitation, biogeography and diversification of <i>Choristoneura</i> Lederer (Lepidoptera: Tineidae) in North America. <i>Systematics and Biodiversity</i> , 2010, 8, 513-529.	0.9	10
31	The male genitalia segments in fritillary butterflies: Comparative morphology with special reference to the "rectal plate" in <i>Issoria</i> (Lepidoptera: Nymphalidae). <i>European Journal of Entomology</i> , 2006, 103, 425-432.	1.2	10
32	Phylogenetic utility and comparative morphology of the composite scale brushes in male phycitine moths (Lepidoptera, Pyralidae). <i>Zoologischer Anzeiger</i> , 2009, 248, 119-136.	0.9	9
33	Documenting diversity in the Amazonian butterfly genus <i>Bia</i> (Lepidoptera, Nymphalidae). <i>Zootaxa</i> , 2017, 4258, 201.	0.5	8
34	Natural history museum collection and citizen science data show advancing phenology of Danish hoverflies (Insecta: Diptera, Syrphidae) with increasing annual temperature. <i>PLoS ONE</i> , 2020, 15, e0232980.	2.5	8
35	Sexual dimorphism and geographical male polymorphism in the ghost moth <i>Hepialus humuli</i> (Lepidoptera: Hepialidae): Scale ultrastructure and evolutionary aspects. <i>European Journal of Entomology</i> , 2009, 106, 303-313.	1.2	8
36	Anatomical reconfiguration of the optic lobe during metamorphosis in the blow fly <i>Calliphora vicina</i> (Diptera: Calliphoridae) revealed by X-ray micro-computed tomography. <i>Zoologischer Anzeiger</i> , 2021, 292, 139-149.	0.9	7

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37	Behavioral Observations on the Dobsonfly, <i>Corydalus cornutus</i> (Megaloptera: Corydalidae) with Photographic Evidence of the Use of the Elongate Mandibles in the Male. <i>American Entomologist</i> , 2008, 54, 167-169.	0.2	6
38	Phycitinae Phylogeny Based on Two Genes, with Implications for Morphological Trait Evolution and Heinrich's Tribal Classification (Lepidoptera: Pyralidae). <i>Journal of the Lepidopterists' Society</i> , 2015, 69, 157-173.	0.2	5
39	Reassessment of known fossil Pyraloidea (Lepidoptera) with descriptions of the oldest fossil pyraloid and a crambid larva in Baltic amber. <i>Zootaxa</i> , 2018, 4483, 101-127.	0.5	5
40	Comparative phylogeography uncovers evolutionary past of Holarctic dragonflies. <i>PeerJ</i> , 2021, 9, e11338.	2.0	5
41	Splendid Ghost Moths and Their Allies. , 2018, , .		4
42	Wing Scale Covering Supports Close Relationship between <i>Callipielus</i> and <i>Dalaca</i> , Austral South American Ghost Moths (Lepidoptera: Hepialidae). <i>Studies on Neotropical Fauna and Environment</i> , 2002, 37, 65-69.	1.0	3
43	Wing vestiture of the newly described monotrysian Lepidoptera family Andesianidae Davis and Gentili suggests affinity with the putative <i>Tischerioidea</i> "Ditrysia clade (Insecta: Lepidoptera). <i>Studies on Neotropical Fauna and Environment</i> , 2009, 44, 109-114.	1.0	3
44	<i>Danowhetaksa</i> gen. nov. with two species from the early Eocene Ålst Formation from Denmark, the first Palearctic <i>Whetwhetaksidae</i> (Odonata: Cephalozygoptera). <i>Zootaxa</i> , 2022, 5099, 586-592.	0.5	3
45	<i>Elhamma</i> Walker (Lepidoptera: Hepialidae) revisited: adult morphology, assessment of recently proposed synonyms and descriptions of two species. <i>Zootaxa</i> , 2015, 3955, 301.	0.5	2