

Tom J M Van Dooren

List of Publications by Year in descending order

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41
papers

1,462
citations

430874

18
h-index

330143

37
g-index

45
all docs

45
docs citations

45
times ranked

1740
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruptive selection and then what?. Trends in Ecology and Evolution, 2006, 21, 238-245.	8.7	269
2	A New Perspective on Developmental Plasticity and the Principles of Adaptive Morph Determination. American Naturalist, 2006, 167, 367-376.	2.1	115
3	EXTREME SELECTION IN HUMANS AGAINST HOMEOTIC TRANSFORMATIONS OF CERVICAL VERTEBRAE. Evolution; International Journal of Organic Evolution, 2006, 60, 2643-2654.	2.3	108
4	Do large dogs die young?. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2007, 308B, 119-126.	1.3	107
5	The Evolution of Resource Specialization through Frequencyâ€Dependent and Frequencyâ€Independent Mechanisms. American Naturalist, 2006, 167, 81-93.	2.1	78
6	Conservation of the segmented germband stage: robustness or pleiotropy?. Trends in Genetics, 2002, 18, 504-509.	6.7	75
7	Viviparity stimulates diversification in an order of fish. Nature Communications, 2016, 7, 11271.	12.8	72
8	Fast running restricts evolutionary change of the vertebral column in mammals. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11401-11406.	7.1	60
9	The Evolutionary Ecology of Dominance-Recessivity. Journal of Theoretical Biology, 1999, 198, 519-532.	1.7	56
10	THE EVOLUTION OF ENVIRONMENTAL AND GENETIC SEX DETERMINATION IN FLUCTUATING ENVIRONMENTS. Evolution; International Journal of Organic Evolution, 2003, 57, 2667-2677.	2.3	50
11	Mild drought in the vegetative stage induces phenotypic, gene expression, and DNA methylation plasticity in Arabidopsis but no transgenerational effects. Journal of Experimental Botany, 2020, 71, 3588-3602.	4.8	48
12	THE EVOLUTION OF ENVIRONMENTAL AND GENETIC SEX DETERMINATION IN FLUCTUATING ENVIRONMENTS. Evolution; International Journal of Organic Evolution, 2003, 57, 2667.	2.3	36
13	Phylogenetic reconstruction and shell evolution of the Diplommatinidae (Gastropoda: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	2.7	36
14	The Interplay between Behavior and Morphology in the Evolutionary Dynamics of Resource Specialization. American Naturalist, 2007, 169, E34-E52.	2.1	33
15	HANDEDNESS AND ASYMMETRY IN SCALE-EATING CICHLIDS: ANTISYMMETRIES OF DIFFERENT STRENGTH. Evolution; International Journal of Organic Evolution, 2010, 64, 2159-65.	2.3	32
16	THE ANALYSIS OF REACTION NORMS FOR AGE AND SIZE AT MATURITY USING MATURATION RATE MODELS. Evolution; International Journal of Organic Evolution, 2005, 59, 500-506.	2.3	24
17	INTERNAL SELECTION AGAINST THE EVOLUTION OF LEFT-RIGHT REVERSAL. Evolution; International Journal of Organic Evolution, 2011, 65, 2399-2411.	2.3	21
18	Adaptation and constraint in the evolution of environmental sex determination. Journal of Theoretical Biology, 2004, 227, 561-570.	1.7	20

#	ARTICLE	IF	CITATIONS
19	HOW TO MEASURE MATURATION: A COMPARISON OF PROBABILISTIC METHODS USED TO TEST FOR GENOTYPIC VARIATION AND PLASTICITY IN THE DECISION TO MATURE. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 525-538.	2.3	19
20	The evolution of environmental and genetic sex determination in fluctuating environments. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2667-77.	2.3	16
21	Proximate Causes of Intraspecific Variation in Locomotor Performance in the Lizard <i>Gallotia galloti</i> . <i>Physiological and Biochemical Zoology</i> , 2001, 74, 937-945.	1.5	15
22	ASSORTATIVE MATE CHOICE AND DOMINANCE MODIFICATION: ALTERNATIVE WAYS OF REMOVING HETEROZYGOTE DISADVANTAGE. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 334-352.	2.3	15
23	Maternal and paternal contributions to egg size and egg number variation in the blackfin pearl killifish <i>Austrolebias nigripinnis</i> . <i>Evolutionary Ecology</i> , 2011, 25, 1179-1195.	1.2	15
24	What life cycle graphs can tell about the evolution of life histories. <i>Journal of Mathematical Biology</i> , 2013, 66, 225-279.	1.9	15
25	PROTECTED POLYMORPHISM AND EVOLUTIONARY STABILITY IN PLEIOTROPIC MODELS WITH TRAIT-SPECIFIC DOMINANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1991.	2.3	14
26	THE EVOLUTIONARY DYNAMICS OF DIRECT PHENOTYPIC OVERDOMINANCE: EMERGENCE POSSIBLE, LOSS PROBABLE. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1899-1914.	2.3	12
27	PROTECTED POLYMORPHISM AND EVOLUTIONARY STABILITY IN PLEIOTROPIC MODELS WITH TRAIT-SPECIFIC DOMINANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1991-2003.	2.3	12
28	THE ANALYSIS OF REACTION NORMS FOR AGE AND SIZE AT MATURITY USING MATURATION RATE MODELS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 500.	2.3	10
29	Closely related parasitoids induce different pupation and foraging responses in <i>Drosophila</i> larvae. <i>Oikos</i> , 2009, 118, 1148-1157.	2.7	10
30	Temporal variation in chaffinch <i>Fringilla coelebs</i> song: interrelations between the trill and flourish. <i>Journal of Avian Biology</i> , 2004, 35, 199-203.	1.2	9
31	Assessing species richness trends: Declines of bees and bumblebees in the Netherlands since 1945. <i>Ecology and Evolution</i> , 2019, 9, 13056-13068.	1.9	9
32	Reaction norms with bifurcations shaped by evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 279-287.	2.6	8
33	Protected polymorphism and evolutionary stability in pleiotropic models with trait-specific dominance. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1991-2003.	2.3	7
34	Generalized linear models for means and variances applied to movement of tiger beetles along corridor roads. <i>Journal of Animal Ecology</i> , 2004, 73, 261-271.	2.8	5
35	Embryonal life histories: Desiccation plasticity and diapause in the Argentinean pearlfish <i>Austrolebias bellottii</i> . <i>Ecology and Evolution</i> , 2018, 8, 11246-11260.	1.9	5
36	Pollinator species richness: Are the declines slowing down?. <i>Nature Conservation</i> , 0, 15, 11-22.	0.0	5

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37	Egg size does not universally predict embryonic resources and hatchling size across annual killifish species. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 249, 110769.	1.8	4
38	Trait evolution and historical biogeography shape assemblages of annual killifish. <i>Journal of Biogeography</i> , 2020, 47, 1955-1965.	3.0	4
39	EXTREME SELECTION IN HUMANS AGAINST HOMEOTIC TRANSFORMATIONS OF CERVICAL VERTEBRAE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2643.	2.3	3
40	The analysis of reaction norms for age and size at maturity using maturation rate models. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 500-6.	2.3	3
41	Exploring copy number variants in deceased fetuses and neonates with abnormal vertebral patterns and cervical ribs. <i>Birth Defects Research</i> , 2020, 112, 1513-1525.	1.5	2