Menno Schilthuizen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	What do we need to know about speciation?. Trends in Ecology and Evolution, 2012, 27, 27-39.	8.7	358
2	Limestone Karsts of Southeast Asia: Imperiled Arks of Biodiversity. BioScience, 2006, 56, 733.	4.9	338
3	Comparative genomics of the nonlegume <i>Parasponia</i> reveals insights into evolution of nitrogen-fixing rhizobium symbioses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4700-E4709.	7.1	253
4	Evolution of endemism on a young tropical mountain. Nature, 2015, 524, 347-350.	27.8	234
5	The database of the <scp>PREDICTS</scp> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1	0.784314	ł rgβT /Over 186
6	Haldane's rule in the 21st century. Heredity, 2011, 107, 95-102.	2.6	138
7	Citizen Science Reveals Unexpected Continental-Scale Evolutionary Change in a Model Organism. PLoS ONE, 2011, 6, e18927.	2.5	118
8	The convoluted evolution of snail chirality. Die Naturwissenschaften, 2005, 92, 504-515.	1.6	114
9	Selfish genetic elements and speciation. Heredity, 1998, 80, 2-8.	2.6	103
10	Impacts of rain forest fragmentation on butterflies in northern Borneo: species richness, turnover and the value of small fragments. Journal of Applied Ecology, 2006, 43, 967-977.	4.0	97
11	A Rapid and Accurate MinION-Based Workflow for Tracking Species Biodiversity in the Field. Genes, 2019, 10, 468.	2.4	90
12	Ecotone: speciation-prone. Trends in Ecology and Evolution, 2000, 15, 130-131.	8.7	85
13	The effects of COVID-19 litter on animal life. Animal Biology, 2021, 71, 215-231.	1.0	81
14	Contemporary climate change and terrestrial invertebrates: evolutionary versus plastic changes. Evolutionary Applications, 2014, 7, 56-67.	3.1	76
15	A review and meta-analysis of the enemy release hypothesis in plant–herbivorous insect systems. PeerJ, 2016, 4, e2778.	2.0	69
16	POPULATION STRUCTURE AND LEVELS OF GENE FLOW IN THE MEDITERRANEAN LAND SNAIL <i>ALBINARIA CORRUGATA</i> (PULMONATA: CLAUSILIIDAE). Evolution; International Journal of Organic Evolution, 1994, 48, 577-586.	2.3	66
17	Prevalence and penetrance variation of male-killing Wolbachia across Indo-Pacific populations of the butterfly Hypolimnas bolina. Molecular Ecology, 2005, 14, 3525-3530.	3.9	64
18	Using biogeographical patterns of endemic land snails to improve conservation planning for limestone karsts. Biological Conservation, 2008, 141, 2751-2764.	4.1	64

#	Article	IF	CITATIONS
19	Changes in richness and community composition of ectomycorrhizal fungi among altitudinal vegetation types on Mount Kinabalu in Borneo. New Phytologist, 2017, 215, 454-468.	7.3	64
20	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
21	Specimens as primary data: museums and â€~open science'. Trends in Ecology and Evolution, 2015, 30, 237-238.	8.7	61
22	Dualism and conflicts in understanding speciation. BioEssays, 2000, 22, 1134-1141.	2.5	58
23	LAND SNAIL DIVERSITY IN A SQUARE KILOMETRE OF TROPICAL RAINFORST IN SABAH, MALAYSIAN BORNEO. Journal of Molluscan Studies, 2001, 67, 417-423.	1.2	58
24	Identification skills in biodiversity professionals and laypeople: A gap in species literacy. Biological Conservation, 2019, 238, 108202.	4.1	58
25	Sexual selection maintains whole-body chiral dimorphism in snails. Journal of Evolutionary Biology, 2007, 20, 1941-1949.	1.7	54
26	MICROGEOGRAPHIC EVOLUTION OF SNAIL SHELL SHAPE AND PREDATOR BEHAVIOR. Evolution; International Journal of Organic Evolution, 2006, 60, 1851-1858.	2.3	53
27	Molecular phylogenetic analysis of the white-crowned forktailEnicurus leschenaultiin Borneo. Journal of Avian Biology, 2005, 36, 96-101.	1.2	52
28	Evolutionary change in <i>Cepaea nemoralis</i> shell colour over 43Âyears. Global Change Biology, 2012, 18, 74-81.	9.5	52
29	The effects of spatial and temporal replicate sampling on eDNA metabarcoding. PeerJ, 2019, 7, e7335.	2.0	48
30	Population Structure and Levels of Gene Flow in the Mediterranean Land Snail Albinaria corrugata (Pulmonata: Clausiliidae). Evolution; International Journal of Organic Evolution, 1994, 48, 577.	2.3	45
31	Distribution of Wolbachia among the guild associated with the parthenogenetic gall wasp Diplolepis rosae. Heredity, 1998, 81, 270-274.	2.6	45
32	Morphological and molecular phylogenetics in the genus Leptopilina (Hymenoptera: Cynipoidea:) Tj ETQq0 0 0 rg	3BT./Overla	ock 10 Tf 50
33	Hybridization, rare alleles and adaptive radiation. Trends in Ecology and Evolution, 2004, 19, 404-405.	8.7	42
34	The determinants of land snail diversity along a tropical elevational gradient: insularity, geometry and niches. Journal of Biogeography, 2010, 37, 1071-1078.	3.0	41

35	The complete mitogenome of Cylindrus obtusus (Helicidae, Ariantinae) using Illumina next generation sequencing. BMC Genomics, 2012, 13, 114.	2.8	40

36Evaluating the Predicted Local Extinction of a Once-Common Mouse. Conservation Biology, 2005, 19,
1312-1317.4.738

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37	Something gone awry: unsolved mysteries in the evolution of asymmetric animal genitalia. Animal Biology, 2013, 63, 1-20.	1.0	37
38	Quantitative Analysis of Amygdalin and Prunasin in <i>Prunus serotina</i> Ehrh. using ¹ Hâ€NMR Spectroscopy. Phytochemical Analysis, 2014, 25, 122-126.	2.4	37
39	Phylogenetic reconstruction and shell evolution of the Diplommatinidae (Gastropoda:) Tj ETQq1 1 0.784314 rgBT	/Oyerlock 2.7	10 Tf 50 66
40	Phylogeography of the land snail Albinaria hippolyti (Pulmonata: Clausiliidae) from Crete, inferred from ITS-1 sequences. Biological Journal of the Linnean Society, 2004, 83, 317-326.	1.6	33
41	Community ecology of tropical forest snails: 30 years after Solem. Contributions To Zoology, 2011, 80, 1-15.	0.5	33
42	Selective increase of a rare haplotype in a land snail hybrid zone. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2181-2185.	2.6	32
43	Rapid, habitat-related evolution of land snail colour morphs on reclaimed land. Heredity, 2013, 110, 247-252.	2.6	32
44	A cybertaxonomic revision of the micro-landsnail genus Plectostoma Adam (Mollusca,) Tj ETQq0 0 0 rgBT /Overloc 393, 1-107.	k 10 Tf 50 1.1	467 Td (Ca 32
45	Incorporation of an invasive plant into a native insect herbivore food web. PeerJ, 2016, 4, e1954.	2.0	32
46	Phylogenetic Relationships Inferred from the Sequence and Secondary Structure of ITS1 rRNA in Albinaria and Putative Isabellaria Species (Gastropoda, Pulmonata, Clausiliidae). Molecular Phylogenetics and Evolution, 1995, 4, 457-462.	2.7	30
47	Possible speciation with gene flow in tropical cave snails. Journal of Zoological Systematics and Evolutionary Research, 2005, 43, 133-138.	1.4	30
48	Impacts of habitat fragmentation on genetic diversity in a tropical forest butterfly on Borneo. Journal of Tropical Ecology, 2007, 23, 623-634.	1.1	29
49	Snail shell colour evolution in urban heat islands detected via citizen science. Communications Biology, 2019, 2, 264.	4.4	28
50	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. PLoS ONE, 2019, 14, e0226527.	2.5	28
51	Sexual selection on land snail shell ornamentation: a hypothesis that may explain shell diversity. BMC Evolutionary Biology, 2003, 3, 13.	3.2	27
52	Reproductive character displacement by inversion of coiling in clausiliid snails (Gastropoda,) Tj ETQq0 0 0 rgBT /Ov	verlock 10 1.6	Tf 50 142 1 27

53	Life on the edge: a hybrid zone inAlbinaria hippolyti(Gastropoda: Clausiliidae) from Crete. Biological Journal of the Linnean Society, 1995, 54, 111-138.	1.6	26
54	Disentangling true shape differences and experimenter bias: are dextral and sinistral snail shells exact mirror images?. Journal of Zoology, 2010, 282, 191-200.	1.7	26

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55	Additions to the knowledge of the land snails of Sabah (Malaysia, Borneo), including 48 new species. ZooKeys, 2015, 531, 1-139.	1.1	26
56	Systematic revision of the genus Everettia Godwin-Austen, 1891 (Mollusca: Gastropoda: Dyakiidae) in Sabah, northern Borneo. Zoological Journal of the Linnean Society, 0, 157, 515-550.	2.3	25
57	The darting game in snails and slugs. Trends in Ecology and Evolution, 2005, 20, 581-584.	8.7	24
58	Association between shell morphology of micro-land snails (genus <i>Plectostoma</i>) and their predator's predatory behaviour. PeerJ, 2014, 2, e329.	2.0	23
59	Candidate genes for shell colour polymorphism in <i>Cepaea nemoralis</i> . PeerJ, 2017, 5, e3715.	2.0	22
60	On growth and form of irregular coiled-shell of a terrestrial snail: <i>Plectostoma concinnum</i> (Fulton, 1901) (Mollusca: Caenogastropoda: Diplommatinidae). PeerJ, 2014, 2, e383.	2.0	22
61	Predator-Prey Interactions between Shell-Boring Beetle Larvae and Rock-Dwelling Land Snails. PLoS ONE, 2014, 9, e100366.	2.5	21
62	Population structure and coil dimorphism in a tropical land snail. Heredity, 2005, 95, 216-220.	2.6	20
63	Parallel evolution of an sAat-â€~hybrizyme' in hybrid zones in Albinaria hippolyti (Boettger). Heredity, 1994, 73, 244-248.	2.6	19
64	The origin and diversity of <i>Drilus</i> Olivier, 1790 (Elateridae: Agrypninae: Drilini) in Crete based on mitochondrial phylogeny. Systematics and Biodiversity, 2015, 13, 52-75.	1.2	19
65	Further twists in gastropod shell evolution. Biology Letters, 2008, 4, 179-182.	2.3	18
66	Evo-devo of shell colour in gastropods and bivalves. Current Opinion in Genetics and Development, 2021, 69, 1-5.	3.3	18
67	MICROSNAILS AT MICROSCALES IN BORNEO: DISTRIBUTIONS OF PROSOBRANCHIA VERSUS PULMONATA. Journal of Molluscan Studies, 2002, 68, 255-258.	1.2	17
68	Drosophila pachea asymmetric lobes are part of a grasping device and stabilize one-sided mating. BMC Evolutionary Biology, 2016, 16, 176.	3.2	17
69	Phylogeography of Bornean land snails suggests longâ€distance dispersal as a cause of endemism. Journal of Biogeography, 2019, 46, 932-944.	3.0	17
70	Sampling micromolluscs in tropical forests: one size does not fit all. Zoosymposia, 0, 1, 271-280.	0.3	17
71	A Comparative Study of Hybrid Zones in the Polytypic Land Snail Albinaria Hippolyti (Gastropoda) Tj ETQq1 1 0.	784314 rgE 0.4	3T /Qverlock
72	A Method for Quantifying, Visualising, and Analysing Gastropod Shell Form. PLoS ONE, 2016, 11, e0157069.	2.5	16

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73	Three new minute leaf litter beetles discovered by citizen scientists in Maliau Basin, Malaysian Borneo (Coleoptera: Leiodidae, Chrysomelidae). Biodiversity Data Journal, 2017, 5, e21947.	0.8	16
74	Screening Mollusks forWolbachiaInfection. Journal of Invertebrate Pathology, 1998, 71, 268-270.	3.2	15
75	The 'rare allele phenomenon' in a ribosomal spacer. Molecular Ecology, 2001, 10, 1341-1345.	3.9	15
76	The draft genome sequence of the grove snail <i>Cepaea nemoralis</i> . G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	15
77	The Sexology of the Chirally Dimorphic Snail Species <i>Amphidromus inversus</i> (Gastropoda:) Tj ETQq1 1 0.78	84314 rgB 0.4	T /Qyerlock 1
78	Using DNA-barcoding to make the necrobiont beetle family Cholevidae accessible for forensic entomology. Forensic Science International, 2011, 210, 91-95.	2.2	14
79	Habitat effects on slug assemblages and introduced species. Journal of Molluscan Studies, 2014, 80, 47-54.	1.2	14
80	Microgeographic evolution of snail shell shape and predator behavior. Evolution; International Journal of Organic Evolution, 2006, 60, 1851-8.	2.3	14
81	Parthenogenesis-Inducing Wolbachia in Trichogramma kaykai (Hymenoptera: Trichogrammatidae) Originates from a Single Infection. Annals of the Entomological Society of America, 1998, 91, 410-414.	2.5	13
82	Mollusca: an evolutionary Cornucopia. Trends in Ecology and Evolution, 2002, 17, 8-9.	8.7	13
83	SNP genotyping for detecting the â€rare allele phenomenon' in hybrid zones. Molecular Ecology Resources, 2013, 13, 237-242.	4.8	13
84	A Syringe-Like Love Dart Injects Male Accessory Gland Products in a Tropical Hermaphrodite. PLoS ONE, 2013, 8, e69968.	2.5	13
85	Small-scale genetic structuring in a tropical cave snail and admixture with its above-ground sister speciesâ€. Biological Journal of the Linnean Society, 2012, 105, 727-740.	1.6	12
86	The use of statistical tools in field testing of putative effects of genetically modified plants on nontarget organisms. Ecology and Evolution, 2013, 3, 2739-2750.	1.9	12
87	Evolutionary patterns of asymmetric genitalia in the beetle tribe Cyclocephalini (Coleoptera:) Tj ETQq1 1 0.7843	14 _{.0} gBT /0	Overlock 10 Th
88	Selfish genetic elements and speciation. Heredity, 1998, 80, 2-8.	2.6	12
89	Inferring microevolution from museum collections and resampling: lessons learned from <i>Cepaea</i> . PeerJ, 2017, 5, e3938.	2.0	12
90	Reproductive isolation in snails of the genus Albinaria (Gastropoda: Clausiliidae). Biological Journal of the Linnean Society, 1994, 52, 317-324.	1.6	11

#	Article	IF	CITATIONS
91	Phylogenetic relationships between isolated populations of the limestoneâ€dwelling microsnail <i>Gyliotrachela hungerfordiana</i> (Gastropoda: Vertiginidae). Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 266-272.	1.4	11
92	The ecology of shell shape difference in chirally dimorphic snails. Contributions To Zoology, 2012, 81, 95-101.	0.5	11
93	Comprehensive evolutionary analysis of the Anthroherpon radiation (Coleoptera, Leiodidae,) Tj ETQq1 1 0.78431	4 rgBT /O	verlock 10 T
94	On the Fly: Tritrophic Associations of Bats, Bat Flies, and Fungi. Journal of Fungi (Basel, Switzerland), 2020, 6, 361.	3.5	10
95	Phytophagous Insects on Native and Non-Native Host Plants: Combining the Community Approach and the Biogeographical Approach. PLoS ONE, 2015, 10, e0125607.	2.5	10
96	Species diversity patterns in insular land snail communities of Borneo. Journal of the Geological Society, 2013, 170, 539-545.	2.1	9
97	The cave beetle genus Anthroherpon is polyphyletic; molecular phylogenetics and description of Graciliella n. gen. (Leiodidae, Leptodirini). Contributions To Zoology, 2016, 85, 337-359.	0.5	9
98	Postmating sexual selection and the enigmatic jawed genitalia of <i>Callosobruchus subinnotatus</i> . Biology Open, 2017, 6, 1008-1012.	1.2	9
99	The evolution of asymmetric genitalia in Coleoptera. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150400.	4.0	8
100	Sexual dimorphism in shell coloration of Plectostoma (Caenogastropoda: Diplommatinidae) is caused by polyenes. Journal of Molluscan Studies, 2018, 84, 108-110.	1.2	8
101	Life on the edge: a hybrid zone in Albinaria hippolyti (Gastropoda: Clausiliidae) from Crete. Biological Journal of the Linnean Society, 1995, 54, 111-138.	1.6	7
102	A new Georissa (Gastropoda: Neritopsina: Hydrocenidae) from a limestone cave in Malaysian Borneo. Journal of Molluscan Studies, 2007, 73, 215-221.	1.2	7
103	Left-right asymmetry in plants and animals: a gold mine for research. Contributions To Zoology, 2012, 81, 75-78.	0.5	7
104	On Diphymyces (Laboulbeniales, Ascomycota) in Malaysian Borneo. Plant Ecology and Evolution, 2014, 147, 93-100.	0.7	7
105	Bringing the lab to the field: a new lowland <i>Microparmarion</i> semi-slug (Gastropoda:) Tj ETQq1 1 0.784314 1 35-40.	rgBT /Over 1.2	lock 10 Tf 5 7
106	First record of striking sexual dimorphism in two terrestrial caenogastropods. Journal of Molluscan Studies, 2020, 86, 254-258.	1.2	7
107	Expanding the Role of Biodiversity in Laypeople's Lives: The View of Communicators. Sustainability, 2020, 12, 2768.	3.2	7
108	Distribution of Wolbachia among the guild associated with the parthenogenetic gall wasp Diplolepis rosae. Heredity, 1998, 81, 270-274.	2.6	7

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109	Taxonomic status and ecology of Oriental Pheretima darnleiensis (Fletcher, 1886) and other earthworms (Oligochaeta : Megascolecidae) from Mt Kinabalu, Borneo. Zootaxa, 2007, 1613, .	0.5	7
110	A molecular and conchological dissection of the "scaly―Georissa of Malaysian Borneo (Gastropoda,) Tj ETQo	0.0 rgB ⁻ 1.1	[/Overlock 1
111	Species identification skills predict in-depth knowledge about species. PLoS ONE, 2022, 17, e0266972.	2.5	7
112	Cloning Odysseus and the seed of speciation. Trends in Ecology and Evolution, 1999, 14, 90-91.	8.7	6
113	Opposite shellâ€coiling morphs of the tropical land snail <i>Amphidromus martensi</i> show no spatialâ€scale effects. Ecography, 2006, 29, 477-486.	4.5	6
114	MICROGEOGRAPHIC EVOLUTION OF SNAIL SHELL SHAPE AND PREDATOR BEHAVIOR. Evolution; International Journal of Organic Evolution, 2006, 60, 1851.	2.3	6
115	Hybrid zones, barrier loci and the â€~rare allele phenomenon'. Journal of Evolutionary Biology, 2013, 26, 288-290.	1.7	6
116	Imperfect and askew: A review of asymmetric genitalia in araneomorph spiders (Araneae:) Tj ETQq0 0 0 rgBT /Ove	erlock 10 T 2.5	f 50 462 Td
117	Conchological and molecular analysis of the "non-scaly―Bornean Georissa with descriptions of three new species (Gastropoda, Neritimorpha, Hydrocenidae). ZooKeys, 2019, 840, 35-86.	1.1	6
118	Environmental DNA metabarcoding reveals comparable responses to agricultural stressors on different trophic levels of a freshwater community. Molecular Ecology, 2022, 31, 1430-1443.	3.9	5
119	Bimodal hybrid zones and the scale of a snail. Trends in Ecology and Evolution, 2000, 15, 469.	8.7	4
120	Fitness benefits of the fruit fly Rhagoletis alternata on a non-native rose host. Oecologia, 2016, 181, 185-192.	2.0	4
121	An unexpected twist: Sperm cells coil to the right in land snails and to the left in song birds. Contributions To Zoology, 2017, 86, 297-302.	0.5	4

122	Molecular phylogenetics and evolutionary history of the endemic land snail genus <i>Everettia</i> in northern Borneo. PeerJ, 2020, 8, e9416.	2.0	4
123	Microbiome and environment explain the absence of correlations between consumers and their diet in Bornean microsnails. Ecology, 2021, 102, e03237.	3.2	3
124	A new parasitoid wasp, Aphaereta vondelparkensis sp. n. (Braconidae, Alysiinae), from a city park in the centre of Amsterdam. Biodiversity Data Journal, 2020, 8, e49017.	0.8	3
125	The world's tiniest land snails from Laos and Vietnam (Gastropoda, Pulmonata, Hypselostomatidae). Contributions To Zoology, 2022, 91, 62-78.	0.5	3

126 Scrutinising snail shells. Heredity, 2012, 108, 364-365.

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127	Viviparous reproduction in the land snail Idyla (Pulmonata: Clausiliidae) from Greece: a disadvantageous inheritance?. Journal of Molluscan Studies, 2019, 85, 262-270.	1.2	2
128	Morphological parallelism of sympatric caveâ€dwelling microsnails of the genus <i>Georissa</i> at Mount Silabur, Borneo (Gastropoda, Neritimorpha, Hydrocenidae). Journal of Zoological Systematics and Evolutionary Research, 2020, 58, 648-661.	1.4	2
129	A review of the Cholevinae from the island of Borneo (Coleoptera, Leiodidae). ZooKeys, 2018, 777, 57-108.	1.1	2
130	EVOLUTION: A Grand Old Synthesizer's Overview. Science, 2002, 295, 50-50.	12.6	1
131	How the daddy-longlegs spider got its pedipalps. New Scientist, 2011, 210, 42-45.	0.0	1
132	Dextral and sinistral Amphidromus inversus (Gastropoda: Pulmonata: Camaenidae) produce dextral sperm. Zoomorphology, 2011, 130, 283-287.	0.8	1
133	First evidence for longâ€term stasis in wetâ€tropics land snail community composition. Ecography, 2019, 42, 591-593.	4.5	1
134	Ptomaphagus thebeatles n. sp., a previously unrecognized beetle from Europe, with remarks on urban taxonomy and recent range expansion (Coleoptera: Leiodidae). Contributions To Zoology, 2021, 90, 1-20.	0.5	1
135	A new giant keelback slug of the genus Limax from the Balkans, described by citizen scientists. Biodiversity Data Journal, 0, 10, .	0.8	1
136	Southwood's Kaleidoscope. Journal of Evolutionary Biology, 2004, 17, 931-932.	1.7	0
137	Microbiome and Environment Explain the Absence of Correlations Between Consumers and Their Diet in Bornean Microsnails. Bulletin of the Ecological Society of America, 2021, 102, e01821.	0.2	Ο
138	Plant diets of land snail community members are similar in composition but differ in richness. Journal of Molluscan Studies, 2021, 87, .	1.2	0
139	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. , 2019, 14, e0226527.		0
140	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. , 2019, 14, e0226527.		0
141	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. , 2019, 14, e0226527.		0
142	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. , 2019, 14, e0226527.		0
143	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. , 2019, 14, e0226527.		0
144	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. , 2019, 14,		0

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