

# Khaled A S Al-Rascheid

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

294  
papers

10,372  
citations

46  
h-index

88  
g-index

301  
ext. papers

12,037  
ext. citations

4.5  
avg, IF

5.9  
L-index

#	Paper	IF	Citations
294	Ether anesthetics prevents touch-induced trigger hair calcium-electrical signals excite the Venus flytrap.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2851	4.9	1
293	New contribution to the peritrichous genus Ophryidium (Protista, Ciliophora) with notes on the morphology, taxonomy and phylogeny of a well-known species Ophryidium crassicaule Penard, 1922.. <i>Journal of Eukaryotic Microbiology</i> , <b>2022</b> , e12900	3.6	0
292	New Data Define the Molecular Phylogeny and Taxonomy of Four Freshwater Suctorian Ciliates With Redefinition of Two Families Heliophryidae and Cyclophryidae (Ciliophora, Phyllopharyngea, Suctoria).. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 768724	5.7	0
291	The origins and spread of domestic horses from the Western Eurasian steppes. <i>Nature</i> , <b>2021</b> , 598, 634-640.	40.4	24
290	Optogenetic control of the guard cell membrane potential and stomatal movement by the light-gated anion channel ACR1. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	8
289	Morphology and Molecular Phylogeny of Four Trachelocercid Ciliates (Protozoa, Ciliophora, Karyorelictea) Found in Marine Coastal Habitats of Northern China, With Description of a New Genus, Two New Species and a New Combination. <i>Frontiers in Marine Science</i> , <b>2021</b> , 7,	4.5	3
288	Cell-division pattern and phylogenetic analyses of a new ciliate genus Parasincirra n. g. (Protista, Ciliophora, Hypotrichia), with a report of a new soil species, P. sinica n. sp. from northwest China. <i>Bmc Ecology and Evolution</i> , <b>2021</b> , 21, 21	21	5
287	Morphogenesis of the Ciliature During Sexual Process of Conjugation in the Ciliated Protist Euplotes raikovi. <i>Frontiers in Marine Science</i> , <b>2021</b> , 7,	4.5	3
286	Morphological and molecular phylogeny of the polycytopharyngeal ciliate Pycnothrix monocystoides Schubotz, 1908. <i>Aquatic Ecosystem Health and Management</i> , <b>2020</b> , 23, 79-92	1.4	1
285	The Venus flytrap trigger hair-specific potassium channel KDM1 can reestablish the K <sup>+</sup> gradient required for hapto-electric signaling. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000964	9.7	13
284	Taxonomy and SSU rDNA-based phylogeny of three new Euplotes species (Protozoa, Ciliophora) from China seas. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 1286-1292	3.6	6
283	The type species of Amphorellopsis and Tintinnopsis (Protozoa:Ciliophora): A new ciliary pattern and some comments in Tintinnina. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 3454-3462	3.6	5
282	Channelrhodopsin-mediated optogenetics highlights a central role of depolarization-dependent plant proton pumps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 20920-20925	11.5	24
281	The role of Arabidopsis ABA receptors from the PYR/PYL/RCAR family in stomatal acclimation and closure signal integration. <i>Nature Plants</i> , <b>2019</b> , 5, 1002-1011	11.5	49
280	Soil ciliates of the Indian Delhi Region: Their community characteristics with emphasis on their ecological implications as sensitive bio-indicators for soil quality. <i>Saudi Journal of Biological Sciences</i> , <b>2019</b> , 26, 1305-1313	4	11
279	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. <i>Cell</i> , <b>2019</b> , 177, 1419-1435.e31	56.2	110
278	Novel contributions to the peritrich family Vaginicolidae (Protista: Ciliophora), with morphological and phylogenetic analyses of poorly known species of Pyxicola, Cothurnia and Vaginicola. <i>Zoological Journal of the Linnean Society</i> , <b>2019</b> , 187, 1-30	2.4	18

277	Redescription of a Hymenostome Ciliate, <i>Tetrahymena setosa</i> (Protozoa, Ciliophora) Notes on its Molecular Phylogeny. <i>Journal of Eukaryotic Microbiology</i> , <b>2019</b> , 66, 413-423	3.6	2
276	Venus flytrap trigger hairs are micronewton mechano-sensors that can detect small insect prey. <i>Nature Plants</i> , <b>2019</b> , 5, 670-675	11.5	29
275	Morphology and SSU rDNA-based phylogeny of two Euplotes species from China: <i>E. wuhanensis</i> sp. n. and <i>E. muscicola</i> Kahl, 1932 (Ciliophora, Euplotida). <i>European Journal of Protistology</i> , <b>2019</b> , 67, 1-14	3.6	17
274	Ancient genomes revisit the ancestry of domestic and Przewalski's horses. <i>Science</i> , <b>2018</b> , 360, 111-114	33.3	153
273	Characterization of 28S rRNA sequences of cestoda parasite <i>Electrotaenia malapteruri</i> Fritsch, 1886 from the Electric catfish <i>Malapterurus electricus</i> (Siluriformes: Malapteruridae). <i>Acta Tropica</i> , <b>2018</b> , 183, 153-161	3.2	1
272	Diversity of the ciliophorid genus <i>Chlamydomon</i> (Protista, Ciliophora): its systematics and geographic distribution, with taxonomic descriptions of three species. <i>Systematics and Biodiversity</i> , <b>2018</b> , 16, 497-511	1.7	5
271	Morphology of Three Aloricate Choreotrich ciliates, Including Description of a New Species <i>Parastrombidinopsis costalis</i> sp. n. (Ciliophora, Choreotrichia), and phylogeny of the genus <i>Parastrombidinopsis</i> . <i>Acta Protozoologica</i> , <b>2018</b> , 57, 153-167	0.5	7
270	Understanding the Molecular Basis of Salt Sequestration in Epidermal Bladder Cells of <i>Chenopodium quinoa</i> . <i>Current Biology</i> , <b>2018</b> , 28, 3075-3085.e7	6.3	57
269	Morphology and molecular phylogeny of two new species of <i>Spirostrombidium</i> (Ciliophora, Oligotrichia), with a key to the species of <i>Spirostrombidium</i> . <i>Systematics and Biodiversity</i> , <b>2018</b> , 16, 743-756	1.7	13
268	Assessing water quality and classifying trophic status for scientifically based managing the water resources of the Lake Timsah, the lake with salinity stratification along the Suez Canal. <i>Saudi Journal of Biological Sciences</i> , <b>2018</b> , 25, 1247-1256	4	18
267	Beyond the "Code": A Guide to the Description and Documentation of Biodiversity in Ciliated Protists (Alveolata, Ciliophora). <i>Journal of Eukaryotic Microbiology</i> , <b>2017</b> , 64, 539-554	3.6	68
266	Zonkey: A simple, accurate and sensitive pipeline to genetically identify equine F1-hybrids in archaeological assemblages. <i>Journal of Archaeological Science</i> , <b>2017</b> , 78, 147-157	2.9	27
265	Insect haptoelectrical stimulation of Venus flytrap triggers exocytosis in gland cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 4822-4827	11.5	34
264	Ancient genomic changes associated with domestication of the horse. <i>Science</i> , <b>2017</b> , 356, 442-445	33.3	149
263	The diverse morphogenetic patterns in spirotrichs and philasterids: Researches based on five-year-projects supported by IRCN-BC and NSFC. <i>European Journal of Protistology</i> , <b>2017</b> , 61, 439-452	3.6	19
262	Morphological descriptions of five scuticociliates including one new species of <i>Falcicyclidium</i> . <i>European Journal of Protistology</i> , <b>2017</b> , 59, 34-49	3.6	4
261	The fungal UmSrt1 and maize ZmSUT1 sucrose transporters battle for plant sugar resources. <i>Journal of Integrative Plant Biology</i> , <b>2017</b> , 59, 422-435	8.3	12
260	The desert plant <i>Phoenix dactylifera</i> closes stomata via nitrate-regulated SLAC1 anion channel. <i>New Phytologist</i> , <b>2017</b> , 216, 150-162	9.8	44

259	A comparative study of genome organization and epigenetic mechanisms in model ciliates, with an emphasis on Tetrahymena, Paramecium and Oxytricha. <i>European Journal of Protistology</i> , <b>2017</b> , 61, 376-387	3.6	29
258	Experimental conditions improving in-solution target enrichment for ancient DNA. <i>Molecular Ecology Resources</i> , <b>2017</b> , 17, 508-522	8.4	48
257	Morphology and Phylogenetic Placement of Three New Zoothamnium species (Ciliophora: Peritrichia) from Coastal Waters of Southern China. <i>Journal of Eukaryotic Microbiology</i> , <b>2017</b> , 64, 266-277	2.6	10
256	Evolutionary Patterns and Processes: Lessons from Ancient DNA. <i>Systematic Biology</i> , <b>2017</b> , 66, e1-e29	8.4	53
255	Morphology, morphogenesis and molecular phylogeny of a novel saline soil ciliate, Lamtostyla salina n. sp. (Ciliophora, Hypotrichia). <i>European Journal of Protistology</i> , <b>2016</b> , 56, 219-231	3.6	14
254	Description of two marine amphisiellid ciliates, Amphisiella milnei (Kahl, 1932) Horv�th, 1950 and A. sinica sp. nov. (Ciliophora: Hypotrichia), with notes on their ontogenesis and SSU rDNA-based phylogeny. <i>European Journal of Protistology</i> , <b>2016</b> , 54, 59-73	3.6	8
253	Acclimation to heat and drought—Lessons to learn from the date palm (Phoenix dactylifera). <i>Environmental and Experimental Botany</i> , <b>2016</b> , 125, 20-30	5.9	32
252	New contributions to the biodiversity of ciliates (Protozoa, Ciliophora) from Antarctica, including a description of Gastronauta multistriata nov. spec.. <i>Polar Biology</i> , <b>2016</b> , 39, 1439-1453	2	6
251	The Venus Flytrap Dionaea muscipula Counts Prey-Induced Action Potentials to Induce Sodium Uptake. <i>Current Biology</i> , <b>2016</b> , 26, 286-95	6.3	92
250	Microbial-meiofaunal interrelationships in coastal sediments of the Red Sea. <i>Saudi Journal of Biological Sciences</i> , <b>2016</b> , 23, 327-34	4	5
249	Comparing the performance of three ancient DNA extraction methods for high-throughput sequencing. <i>Molecular Ecology Resources</i> , <b>2016</b> , 16, 459-69	8.4	98
248	Morphology and phylogeny of three trachelocercids (Protozoa, Ciliophora, Karyorelictea), with description of two new species and insight into the evolution of the family Trachelocercidae. <i>Zoological Journal of the Linnean Society</i> , <b>2016</b> , 177, 306-319	2.4	22
247	Silent S-Type Anion Channel Subunit SLAH1 Gates SLAH3 Open for Chloride Root-to-Shoot Translocation. <i>Current Biology</i> , <b>2016</b> , 26, 2213-20	6.3	65
246	Venus flytrap carnivorous lifestyle builds on herbivore defense strategies. <i>Genome Research</i> , <b>2016</b> , 26, 812-25	9.7	60
245	The Evolutionary Origin and Genetic Makeup of Domestic Horses. <i>Genetics</i> , <b>2016</b> , 204, 423-434	4	39
244	A genomewide catalogue of single nucleotide polymorphisms in white-beaked and Atlantic white-sided dolphins. <i>Molecular Ecology Resources</i> , <b>2016</b> , 16, 266-76	8.4	13
243	Recognizing the importance of exposure-dose-response dynamics for ecotoxicity assessment: nitrofurazone-induced antioxidant activity and mRNA expression in model protozoan Euplotes vannus. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 9544-53	5.1	9
242	Taxonomic studies on seven species of Dysteria (Ciliophora, Cyrtophoria), including a description of Dysteria paraprocera sp. n. <i>European Journal of Protistology</i> , <b>2015</b> , 51, 241-58	3.6	17

241	Reproductive biology of the Suez Canal spider crab <i>Schizophrys aspera</i> (H. Milne Edwards, 1834: Crustacea: Brachyura: Majidae). <i>Saudi Journal of Biological Sciences</i> , <b>2015</b> , 22, 789-94	4	3
240	Comparative evaluation of genotoxicity induced by nitrofurazone in two ciliated protozoa by detecting DNA strand breaks and DNA-protein crosslinks. <i>Ecological Indicators</i> , <b>2015</b> , 54, 153-160	5.8	10
239	Morphology and morphogenesis of a novel mangrove ciliate, <i>Sterkiella subtropica</i> sp. nov. (Protozoa, Ciliophora, Hypotrichia), with phylogenetic analyses based on small-subunit rDNA sequence data. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 2292-2303	2.2	13
238	Stomatal guard cells co-opted an ancient ABA-dependent desiccation survival system to regulate stomatal closure. <i>Current Biology</i> , <b>2015</b> , 25, 928-35	6.3	113
237	Morphology and phylogeny of three trachelocercid ciliates, with description of a new species, <i>Trachelocerca orientalis</i> spec. nov. (Ciliophora, Karyorelictea). <i>Journal of Eukaryotic Microbiology</i> , <b>2015</b> , 62, 157-66	3.6	13
236	Biodiversity of marine scuticociliates (Protozoa, Ciliophora) from China: Description of seven morphotypes including a new species, <i>Philaster sinensis</i> spec. nov. <i>European Journal of Protistology</i> , <b>2015</b> , 51, 142-57	3.6	16
235	Redefinition of the hypotrichous ciliate <i>Uncinata</i> , with descriptions of the morphology and phylogeny of three urostylids (Protista, Ciliophora). <i>Systematics and Biodiversity</i> , <b>2015</b> , 13, 455-471	1.7	21
234	Morphology and Molecular Phylogeny of Three Cyrtophorid Ciliates (Protozoa, Ciliophora) from China, Including Two New Species, <i>Chilodonella parauncinata</i> sp. n. and <i>Chlamydonella irregularis</i> sp. n. <i>Journal of Eukaryotic Microbiology</i> , <b>2015</b> , 62, 267-79	3.6	20
233	Biodiversity of oligotrich ciliates in the South China Sea: description of three new <i>Strombidium</i> species (Protozoa, Ciliophora, Oligotrichia) with phylogenetic analyses. <i>Systematics and Biodiversity</i> , <b>2015</b> , 13, 608-623	1.7	19
232	Morphology of three <i>Litonotus</i> species (Ciliophora: Pleurostomatida) from China seas, with brief notes on their SSU rDNA-based phylogeny. <i>European Journal of Protistology</i> , <b>2015</b> , 51, 494-506	3.6	9
231	Population fluctuation and vertical distribution of meiofauna in the Red Sea interstitial environment. <i>Saudi Journal of Biological Sciences</i> , <b>2015</b> , 22, 459-65	4	7
230	Tracking the origins of Yakutian horses and the genetic basis for their fast adaptation to subarctic environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E6889-97	11.5	89
229	Taxonomy and molecular phylogeny of four <i>Strombidium</i> species, including description of <i>S. pseudostylifer</i> sp. nov. (Ciliophora, Oligotrichia). <i>Systematics and Biodiversity</i> , <b>2015</b> , 13, 76-92	1.7	19
228	Morphology and phylogeny of two species of <i>Loxodes</i> (Ciliophora, Karyorelictea), with description of a new subspecies, <i>Loxodes striatus orientalis</i> subsp. n. <i>Journal of Eukaryotic Microbiology</i> , <b>2015</b> , 62, 206-16	3.6	12
227	Morphology and molecular phylogeny of three marine <i>Condylostoma</i> species from China, including two new ones (Ciliophora, Heterotrichea). <i>European Journal of Protistology</i> , <b>2015</b> , 51, 66-78	3.6	17
226	Pros and cons of methylation-based enrichment methods for ancient DNA. <i>Scientific Reports</i> , <b>2015</b> , 5, 11826	4.9	40
225	Morphology and molecular phylogeny of three new oligotrich ciliates (Protozoa, Ciliophora) from the South China Sea. <i>Zoological Journal of the Linnean Society</i> , <b>2015</b> , 174, 653-665	2.4	19
224	Calcium sensor kinase activates potassium uptake systems in gland cells of Venus flytraps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7309-14	11.5	72

223	Molecular phylogenetic lineage of Plagiopogon and Askenasia (Protozoa, Ciliophora) revealed by their gene sequences. <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 724-730	1	3
222	Monophyly or polyphyly? Possible conflict between morphological and molecular interpretations of the well-known genus Zoothamnium (Ciliophora, Peritrichia). <i>Chinese Journal of Oceanology and Limnology</i> , <b>2015</b> , 33, 490-499		9
221	Morphological and phylogenetic studies on three members of the genus Pseudochilodonopsis (Ciliophora, Cyrtophoria) isolated from brackish waters in China, including a novel species, Pseudochilodonopsis quadrivacuolata sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 4323-4334	2.2	6
220	Mechano-stimulation triggers turgor changes associated with trap closure in the Darwin plant <i>Dionaea muscipula</i> . <i>Molecular Plant</i> , <b>2014</b> , 7, 744-6	14.4	9
219	Morphology and phylogeny of three karyorelictean ciliates (Protista, Ciliophora), including two novel species, Trachelocerca chinensis sp. n. and Tracheloraphis dragescoi sp. n. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 4084-4097	2.2	8
218	Morphology, ontogenetic features and SSU rRNA gene-based phylogeny of a soil ciliate, Bistichella cystiformans spec. nov. (Protista, Ciliophora, Stichotrichia). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 4049-4060	2.2	13
217	Taxonomy and phylogeny of two species of the genus Deviata (Protista, Ciliophora) from China, with description of a new soil form, Deviata parabacilliformis sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 3775-3785	2.2	9
216	Morphology, ontogeny, and phylogeny of two brackish urostylid ciliates (Protist, Ciliophora, Hypotricha). <i>Journal of Eukaryotic Microbiology</i> , <b>2014</b> , 61, 594-610	3.6	11
215	Taxonomic description of a new marine ciliate, Euplotes qingdaoensis n. sp. (Ciliophora: Euplotida). <i>Chinese Journal of Oceanology and Limnology</i> , <b>2014</b> , 32, 426-432		6
214	Morphology and phylogenetic analysis of two oxytrichid soil ciliates from China, Oxytricha paragranelifera n. sp. and Oxytricha granulifera Foissner and Adam, 1983 (Protista, Ciliophora, Hypotrichia). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 3016-3027	2.2	17
213	Characterizing dose-responses of catalase to nitrofurazone exposure in model ciliated protozoan Euplotes vannus for ecotoxicity assessment: enzyme activity and mRNA expression. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 100, 294-302	7	16
212	Morphology and morphogenesis of Apohlosticha sinica n. g., n. sp. (Ciliophora, Hypotrichia), with consideration of its systematic position among urostylids. <i>European Journal of Protistology</i> , <b>2014</b> , 50, 78-88	3.6	37
211	A Single-Pore Residue Renders the Arabidopsis Root Anion Channel SLAH2 Highly Nitrate Selective. <i>Plant Cell</i> , <b>2014</b> , 26, 2554-2567	11.6	53
210	Cilioprotists as biological indicators for estimating the efficiency of using Gravel Bed Hydroponics System in domestic wastewater treatment. <i>Saudi Journal of Biological Sciences</i> , <b>2014</b> , 21, 250-5	4	3
209	Morphology and Phylogeny of a New Frontonia Ciliate, F. paramagna spec. nov. (Ciliophora, Peniculida) from Harbin, Northeast China. <i>Zootaxa</i> , <b>2014</b> , 3827, 375-86	0.5	8
208	Tintinnids (Ciliophora: Choreotrichia) of the Suez Canal and their transmigration process between the Red Sea and the Mediterranean Sea. <i>Aquatic Ecosystem Health and Management</i> , <b>2014</b> , 17, 454-462	1.4	0
207	Prehistoric genomes reveal the genetic foundation and cost of horse domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E5661-9	11.5	197
206	Speciation with gene flow in equids despite extensive chromosomal plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 18655-60	11.5	133

205	Phylogeny of the poorly known ciliates, microthoracida, a systematically confused taxon (ciliophora), with morphological reports of three species. <i>Journal of Eukaryotic Microbiology</i> , <b>2014</b> , 61, 227-37	3.6	7
204	Site- and kinase-specific phosphorylation-mediated activation of SLAC1, a guard cell anion channel stimulated by abscisic acid. <i>Science Signaling</i> , <b>2014</b> , 7, ra86	8.8	130
203	Morphology of three species of Amphileptus (Protozoa, Ciliophora, Pleurostomatida) from the South China Sea, with note on phylogeny of <i>A. dragescoi</i> sp. n. <i>Journal of Eukaryotic Microbiology</i> , <b>2014</b> , 61, 644-54	3.6	11
202	A phylogenetic reconsideration of suctorian ciliates (Protista, Ciliophora, Phyllopharyngea) based on small subunit rRNA gene sequences. <i>Zoologica Scripta</i> , <b>2014</b> , 43, 206-216	2.5	7
201	Colonization dynamics of periphytic ciliate communities on an artificial substratum in coastal waters of the Yellow Sea, northern China. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2013</b> , 93, 57-68	1.1	27
200	Morphology of two marine euplotids (Ciliophora: Euplotida), <i>Aspidisca fusca</i> and <i>A. hexeris</i> , with notes on their small subunit rRNA gene sequences. <i>European Journal of Protistology</i> , <b>2013</b> , 49, 634-43	3.6	7
199	Abundance and trophodynamics of surface microbial loop populations in the northern Red Sea. <i>Aquatic Ecosystem Health and Management</i> , <b>2013</b> , 16, 51-61	1.4	1
198	How do stomata sense reductions in atmospheric relative humidity?. <i>Molecular Plant</i> , <b>2013</b> , 6, 1703-6	14.4	22
197	Morphology, ontogeny, and molecular phylogeny of two novel bakuellid-like hypotrichs (Ciliophora: Hypotrichia), with establishment of two new genera. <i>European Journal of Protistology</i> , <b>2013</b> , 49, 78-92	3.6	46
196	Morphology and phylogenies of two hypotrichous brackish-water ciliates from China, <i>Neurostylopsis orientalis</i> n. sp. and <i>Protogastrostyla sterkii</i> (Wallengren, 1900) n. comb., with establishment of a new genus <i>Neurostylopsis</i> n. gen. (Protista, Ciliophora, Hypotrichia). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1187-1200	2.2	19
195	Taxonomy, morphology and molecular systematics of three oligotrich ciliates, including a description of <i>Apostrombidium parakielum</i> spec. nov. (Ciliophora, Oligotrichia). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1179-1191	2.2	19
194	Morphology and small-subunit rRNA gene sequences of two novel marine ciliates, <i>Metanophrys orientalis</i> spec. nov. and <i>Uronemella sinensis</i> spec. nov. (Protista, Ciliophora, Scuticociliatia), with an improved diagnosis of the genus <i>Uronemella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1157-1200	2.2	11
193	A redescription of the oxytrichid <i>Tetmemena pustulata</i> (Müller, 1786) Eigner, 1999 and notes on morphogenesis in the marine urostylid <i>Metaurostylopsis salina</i> Lei et al., 2005 (Ciliophora, Hypotrichia). <i>European Journal of Protistology</i> , <b>2013</b> , 49, 272-82	3.6	26
192	Establishment of a new hypotrichous genus, <i>Heterotachysoma</i> n. gen. and notes on the morphogenesis of <i>Hemigastrostyla enigmatica</i> (Ciliophora, Hypotrichia). <i>European Journal of Protistology</i> , <b>2013</b> , 49, 93-105	3.6	21
191	Morphology of two new marine peritrich ciliates from Yellow Sea, <i>Pseudovorticella dingi</i> nov. spec. and <i>P. wangi</i> nov. spec., with supplementary descriptions of <i>P. plicata</i> , <i>P. banatica</i> and <i>P. anomala</i> (Ciliophora, Peritrichia). <i>European Journal of Protistology</i> , <b>2013</b> , 49, 467-76	3.6	9
190	The <i>Dionaea muscipula</i> ammonium channel DmAMT1 provides NH <sub>4</sub> <sup>+</sup> uptake associated with Venus flytrap® prey digestion. <i>Current Biology</i> , <b>2013</b> , 23, 1649-57	6.3	44
189	Phylogeny and systematic revision of the karyorelictid genus <i>Remanella</i> (Ciliophora, Karyorelictea) with descriptions of two new species. <i>European Journal of Protistology</i> , <b>2013</b> , 49, 438-52	3.6	13
188	Morphology of three new marine <i>Frontonia</i> species (Ciliophora; Peniculida) with note on the phylogeny of this genus. <i>European Journal of Protistology</i> , <b>2013</b> , 49, 312-23	3.6	16

187	Ontogeny and molecular phylogeny of a new marine ciliate genus, <i>Heterokeronopsis</i> g. n. (Protozoa, Ciliophora, Hypotricha), with description of a new species. <i>European Journal of Protistology</i> , <b>2013</b> , 49, 298-311	3.6	28
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185	The stomatal response to reduced relative humidity requires guard cell-autonomous ABA synthesis. <i>Current Biology</i> , <b>2013</b> , 23, 53-7	6.3	336
184	Open stomata 1 (OST1) kinase controls R-type anion channel QUAC1 in <i>Arabidopsis</i> guard cells. <i>Plant Journal</i> , <b>2013</b> , 74, 372-82	6.9	139
183	Recalibrating <i>Equus</i> evolution using the genome sequence of an early Middle Pleistocene horse. <i>Nature</i> , <b>2013</b> , 499, 74-8	50.4	563
182	Morphology, ontogeny and molecular phylogeny of a new brackish water ciliate <i>Bakuella subtropica</i> sp. n. (Ciliophora, Hypotricha) from southern China. <i>European Journal of Protistology</i> , <b>2013</b> , 49, 611-22	3.6	26
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179	Morphology, morphogenesis and small subunit rRNA gene sequence of a soil hypotrichous ciliate, <i>Perisincirra paucicirrata</i> (Ciliophora, Kahliellidae), from the shoreline of the Yellow River, North China. <i>Journal of Eukaryotic Microbiology</i> , <b>2013</b> , 60, 247-56	3.6	10
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177	C-terminus-mediated voltage gating of <i>Arabidopsis</i> guard cell anion channel QUAC1. <i>Molecular Plant</i> , <b>2013</b> , 6, 1550-63	14.4	37
176	Annual variations in body-size spectra of planktonic ciliate communities and their relationships to environmental conditions: a case study in Jiaozhou Bay, northern China. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2013</b> , 93, 47-55	1.1	28
175	Temporal distributions of microplankton populations and relationships to environmental conditions in Jiaozhou Bay, northern China. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2013</b> , 93, 13-26	1.1	10
174	Morphology and infraciliature of two new marine ciliates, <i>Paracyrtophoron tropicum</i> nov. gen., nov. spec. and <i>Aegyria rostellum</i> nov. spec. (Ciliophora, Cyrtophorida), isolated from tropical waters in southern China. <i>European Journal of Protistology</i> , <b>2012</b> , 48, 63-72	3.6	20
173	Influence of sampling sufficiency on biodiversity analysis of microperiphyton communities for marine bioassessment. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 540-9	5.1	32
172	Research and increase of expertise in arachno-entomology are urgently needed. <i>Parasitology Research</i> , <b>2012</b> , 110, 259-65	2.4	98
171	Why is it crucial to test anti-lice repellents?. <i>Parasitology Research</i> , <b>2012</b> , 110, 273-6	2.4	12
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169	Observations on effects of a neem seed extract (MiteStop <sup>®</sup> ) on biting lice (mallophages) and bloodsucking insects parasitizing horses. <i>Parasitology Research</i> , <b>2012</b> , 110, 335-9	2.4	25
168	Effects of a neem seed extract (MiteStop <sup>®</sup> ) on mallophages (featherlings) of chicken: in vivo and in vitro studies. <i>Parasitology Research</i> , <b>2012</b> , 110, 617-22	2.4	22
167	Treatment with a neem seed extract (MiteStop <sup>®</sup> ) of beetle larvae parasitizing the plumage of poultry. <i>Parasitology Research</i> , <b>2012</b> , 110, 623-7	2.4	18
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165	Biting and bloodsucking lice of dogs--treatment by means of a neem seed extract (MiteStop <sup>®</sup> , Wash Away Dog). <i>Parasitology Research</i> , <b>2012</b> , 110, 769-73	2.4	18
164	Influence of enumeration time periods on analyzing colonization features and taxonomic relatedness of periphytic ciliate communities using an artificial substratum for marine bioassessment. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 3619-27	5.1	19
163	Sampling sufficiency for analyzing taxonomic relatedness of periphytic ciliate communities using an artificial substratum in coastal waters. <i>Journal of Sea Research</i> , <b>2012</b> , 72, 22-27	1.9	17
162	An approach to analyzing influence of enumeration time periods on detecting ecological features of microperiphyton communities for marine bioassessment. <i>Ecological Indicators</i> , <b>2012</b> , 18, 50-57	5.8	25
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160	Improving ancient DNA read mapping against modern reference genomes. <i>BMC Genomics</i> , <b>2012</b> , 13, 178	4.5	178
159	Colonization dynamics in trophic-functional structure of periphytic protist communities in coastal waters. <i>Marine Biology</i> , <b>2012</b> , 159, 735-748	2.5	72
158	Can body-size patterns of ciliated zooplankton be used for assessing marine water quality? A case study on bioassessment in Jiaozhou Bay, northern Yellow Sea. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 1747-54	5.1	42
157	The effects of flumethrin (Bayticol <sup>®</sup> pour-on) on European ticks exposed to treated hairs of cattle and sheep. <i>Parasitology Research</i> , <b>2012</b> , 110, 2181-6	2.4	7
156	Can nonloricate ciliate assemblages be a surrogate to analyze taxonomic relatedness pattern of ciliated protozoan communities for marine bioassessment? A case study in Jiaozhou Bay, Northern China. <i>Water Environment Research</i> , <b>2012</b> , 84, 2045-53	2.8	4
155	Taxonomic descriptions of three marine colepid ciliates, <i>Nolandia sinica</i> spec. nov., <i>Apocoleps caoi</i> spec. nov. and <i>Tiarina fusa</i> (Claparede & Lachmann, 1858) Bergh, 1881 (Ciliophora, Prorodontida). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 735-744	2.2	10
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153	Multiple calcium-dependent kinases modulate ABA-activated guard cell anion channels. <i>Molecular Plant</i> , <b>2012</b> , 5, 1409-12	14.4	99
152	Use of RAPD to detect DNA damage induced by nitrofurazone in marine ciliate, <i>Euplotes vannus</i> (Protozoa, Ciliophora). <i>Aquatic Toxicology</i> , <b>2011</b> , 103, 225-32	5.1	37

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133	The effects of different plant extracts on nematodes. <i>Parasitology Research</i> , <b>2011</b> , 108, 1047-54	2.4	53
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131	Ovicidal effects of a neem seed extract preparation on eggs of body and head lice. <i>Parasitology Research</i> , <b>2011</b> , 109, 1299-302	2.4	38
130	Phylogenetic relationships within the genus <i>Aspidisca</i> (Protozoa, Ciliophora, Euplotida) revealed by ITS1-5.8S-ITS2 region sequences. <i>Chinese Journal of Oceanology and Limnology</i> , <b>2011</b> , 29, 277-283		6
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82	Efficacy of a grapefruit extract on head lice: a clinical trial. <i>Parasitology Research</i> , <b>2010</b> , 106, 445-9	2.4	21
81	Repellency against head lice ( <i>Pediculus humanus capitis</i> ). <i>Parasitology Research</i> , <b>2010</b> , 106, 729-31	2.4	29
80	Molecular biological comparison of different <i>Besnoitia</i> species and stages from different countries. <i>Parasitology Research</i> , <b>2010</b> , 106, 889-94	2.4	20

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78	Light and transmission electron microscopic studies on the encystation of <i>Histomonas meleagridis</i> . <i>Parasitology Research</i> , <b>2010</b> , 106, 977-83	2.4	33
77	Light microscopic study on <i>Eimeria</i> species infecting Japanese quails reared in Saudi Arabian farms. <i>Parasitology Research</i> , <b>2010</b> , 107, 409-16	2.4	7
76	In vitro and field studies on the contact and fumigant toxicity of a neem-product (Mite-Stop) against the developmental stages of the poultry red mite <i>Dermanyssus gallinae</i> . <i>Parasitology Research</i> , <b>2010</b> , 107, 417-23	2.4	25
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74	Life cycle and attacks of ectoparasites on ruminants during the year in Central Europe: recommendations for treatment with insecticides (e.g., Butox). <i>Parasitology Research</i> , <b>2010</b> , 107, 425-31	2.4	12
73	Light and scanning electron microscopic investigations on MiteStop-treated poultry red mites. <i>Parasitology Research</i> , <b>2010</b> , 107, 433-7	2.4	8
72	Temporal species distributions of planktonic protist communities in semi-enclosed mariculture waters and responses to environmental stress. <i>Acta Oceanologica Sinica</i> , <b>2010</b> , 29, 74-83	1	3
71	Planktonic protist communities in semi-enclosed mariculture waters: temporal dynamics of functional groups and their responses to environmental conditions. <i>Acta Oceanologica Sinica</i> , <b>2010</b> , 29, 106-115	1	22
70	On four closely related hypotrichous ciliates (Protozoa, Ciliophora, Spirotrichea): molecular characters, interspecific relationships and phylogeny defined with multigene sequence information. <i>Acta Oceanologica Sinica</i> , <b>2010</b> , 29, 90-96	1	6
69	Two vicariant <i>Semispastidium</i> species from tropical Africa and central Europe: <i>S. fraterculum</i> nov. spec. and <i>S. pulchrum</i> nov. spec. (Ciliophora, Haptorida). <i>European Journal of Protistology</i> , <b>2010</b> , 46, 61-73	3.6	4
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66	The systematic position of <i>Paraspathidium</i> Noland, 1937 (Ciliophora, Litostomatea?) inferred from primary SSU rRNA gene sequences and predicted secondary rRNA structure. <i>European Journal of Protistology</i> , <b>2010</b> , 46, 280-8	3.6	14
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51	Life cycle of <i>Sarcocystis camelicanis</i> infecting the camel ( <i>Camelus dromedarius</i> ) and the dog ( <i>Canis familiaris</i> ), light and electron microscopic study. <i>Parasitology Research</i> , <b>2009</b> , 106, 189-95	2.4	21
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