Frederic Thomas

List of Publications by Citations

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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.

219 papers	6,649 citations	44 h-index	72 g-index
239 ext. papers	7,876 ext. citations	5.3 avg, IF	5.82 L-index

#	Paper	IF	Citations
219	Biology of Zika Virus Infection in Human Skin Cells. *Journal of Virology*, **2015**, 89, 8880-96	6.6	794
218	Parasitic manipulation: where are we and where should we go?. *Behavioural Processes*, **2005**, 68, 185-99	1.6	461
217	The ecological significance of manipulative parasites. *Trends in Ecology and Evolution*, **2009**, 24, 41-8	10.9	206
216	Behind the scene, something else is pulling the strings: emphasizing parasitic manipulation in vector-borne diseases. *Infection, Genetics and Evolution*, **2008**, 8, 504-19	4.5	139
215	Induction of a peptide with activity against a broad spectrum of pathogens in the Aedes aegypti salivary gland, following Infection with Dengue Virus. *PLoS Pathogens*, **2011**, 7, e1001252	7.6	124
214	Antimicrobial resistance in wildlife. *Journal of Applied Ecology*, **2016**, 53, 519-529	5.8	122
213	Host manipulation by parasites: a multidimensional phenomenon. *Oikos*, **2010**, 119, 1217-1223	4	113
212	Invasion of the body snatchers: the diversity and evolution of manipulative strategies in host-parasite interactions. *Advances in Parasitology*, **2009**, 68, 45-83	3.2	109
211	Understanding parasite strategies: a state-dependent approach?. *Trends in Parasitology*, **2002**, 18, 387-90	6.4	109
210	Beyond nature and nurture: phenotypic plasticity in blood-feeding behavior of Anopheles gambiae s.s. when humans are not readily accessible. *American Journal of Tropical Medicine and Hygiene*, **2009**, 81, 1023-9	3.2	92
209	Evolution of trophic transmission in parasites: why add intermediate hosts?. *American Naturalist*, **2003**, 162, 172-81	3.7	88
208	Water-borne transmission drives avian influenza dynamics in wild birds: the case of the 2005-2006 epidemics in the Camargue area. *Infection, Genetics and Evolution*, **2009**, 9, 800-5	4.5	86
207	Can life-history traits predict the fate of introduced species? A case study on two cyprinid fish in southern France. *Freshwater Biology*, **2001**, 46, 845-853	3.1	84
206	Incidence of adult brain cancers is higher in countries where the protozoan parasite Toxoplasma gondii is common. *Biology Letters*, **2012**, 8, 101-3	3.6	77
205	The pitfalls of proteomics experiments without the correct use of bioinformatics tools. *Proteomics*, **2006**, 6, 5577-96	4.8	77
204	Parasites and Ecosystem Engineering: What Roles Could They Play?. *Oikos*, **1999**, 84, 167	4	75
203	Who is the puppet master? Replication of a parasitic wasp-associated virus correlates with host behaviour manipulation. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20142773	4.4	72

202	Dengue virus replication in infected human keratinocytes leads to activation of antiviral innate immune responses. *Infection, Genetics and Evolution*, **2011**, 11, 1664-73	4.5	72
201	Host-manipulation by parasites with complex life cycles: adaptive or not?. *Trends in Parasitology*, **2010**, 26, 311-7	6.4	72
200	Inference of Parasite-Induced Host Mortality from Distributions of Parasit Loads. *Ecology*, **1996**, 77, 2203-2211	4.2	71
199	Malaria Plasmodium agent induces alteration in the head proteome of their Anopheles mosquito host. *Proteomics*, **2007**, 7, 1908-15	4.8	71
198	Zika virus: epidemiology, clinical features and host-virus interactions. *Microbes and Infection*, **2016**, 18, 441-9	9.3	65
197	Exploiting host compensatory responses: the Rmust Rof manipulation?. *Trends in Parasitology*, **2008**, 24, 435-9	6.4	64
196	Evolution of pathogens in a man-made world. *Molecular Ecology*, **2008**, 17, 475-84	5.7	61
195	Inflammasome signaling pathways exert antiviral effect against Chikungunya virus in human dermal fibroblasts. *Infection, Genetics and Evolution*, **2015**, 32, 401-8	4.5	60
194	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. *Scientific Reports*, **2017**, 7, 3145	4.9	59
193	Persistence of highly pathogenic avian influenza viruses in natural ecosystems. *Emerging Infectious Diseases*, **2010**, 16, 1057-62	10.2	59
192	New prospects for research on manipulation of insect vectors by pathogens. *PLoS Pathogens*, **2006**, 2, e72	7.6	58
191	Applying ecological and evolutionary theory to cancer: a long and winding road. *Evolutionary Applications*, **2013**, 6, 1-10	4.8	57
190	Epigenetic effects of infection on the phenotype of host offspring: parasites reaching across host generations. *Oikos*, **2008**, 117, 331-335	4	57
189	The cost of a bodyguard. *Biology Letters*, **2011**, 7, 843-6	3.6	52
188	Cancer: a missing link in ecosystem functioning?. *Trends in Ecology and Evolution*, **2013**, 28, 628-35	10.9	50
187	Intraspecific variability in host manipulation by parasites. *Infection, Genetics and Evolution*, **2011**, 11, 262-9	4.5	50
186	Exploitation of manipulators: Rhitch-hiking Ras a parasite transmission strategy. *Animal Behaviour*, **1998**, 56, 199-206	2.8	50
185	Parasites and host life-history traits: implications for community ecology and species co-existence. *International Journal for Parasitology*, **2000**, 30, 669-74	4.3	50

184	Blood-feeding and immunogenic Aedes aegypti saliva proteins. *Proteomics*, **2010**, 10, 1906-16	4.8	48
183	Conflict of interest between a nematode and a trematode in an amphipod host: test of the "sabotage" hypothesis. *Behavioral Ecology and Sociobiology*, **2002**, 51, 296-301	2.5	48
182	Beer consumption increases human attractiveness to malaria mosquitoes. *PLoS ONE*, **2010**, 5, e9546	3.7	48
181	The evolutionary ecology of transmissible cancers. *Infection, Genetics and Evolution*, **2016**, 39, 293-303	4.5	47
180	Brain cancer mortality rates increase with Toxoplasma gondii seroprevalence in France. *Infection, Genetics and Evolution*, **2012**, 12, 496-8	4.5	47
179	Population proteomics: an emerging discipline to study metapopulation ecology. *Proteomics*, **2006**, 6, 1712-5	4.8	47
178	Towards a new conceptual approach to "parasitoproteomics". *Trends in Parasitology*, **2005**, 21, 162-8	6.4	47
177	Aedes aegypti saliva contains a prominent 34-kDa protein that strongly enhances dengue virus replication in human keratinocytes. *Journal of Investigative Dermatology*, **2014**, 134, 281-284	4.3	44
176	Assortative pairing by parasitic prevalence inGammarus insensibilis(Amphipoda): patterns and processes. *Animal Behaviour*, **1996**, 52, 683-690	2.8	44
175	Biological warfare: Microorganisms as drivers of host-parasite interactions. *Infection, Genetics and Evolution*, **2015**, 34, 251-9	4.5	39
174	Spread of avian influenza viruses by common teal (Anas crecca) in Europe. *PLoS ONE*, **2009**, 4, e7289	3.7	39
173	Infections and cancer: the "fifty shades of immunity" hypothesis. *BMC Cancer*, **2017**, 17, 257	4.8	37
172	Disease diversity and human fertility. *Evolution; International Journal of Organic Evolution*, **2001**, 55, 1308-14	3.8	36
171	Natural resistance to cancers: a Darwinian hypothesis to explain Peto's paradox. *BMC Cancer*, **2012**, 12, 387	4.8	35
170	Cancer: A disease at the crossroads of trade-offs. *Evolutionary Applications*, **2017**, 10, 215-225	4.8	34
169	Evolutionary lability of odour-mediated host preference by the malaria vector Anopheles gambiae. *Tropical Medicine and International Health*, **2009**, 14, 228-36	2.3	33
168	Human activities might influence oncogenic processes in wild animal populations. *Nature Ecology and Evolution*, **2018**, 2, 1065-1070	12.3	33
167	Diversity and evolution of bodyguard manipulation. *Journal of Experimental Biology*, **2013**, 216, 36-42	3	32

166	Water-seeking behavior in worm-infected crickets and reversibility of parasitic manipulation. *Behavioral Ecology*, **2011**, 22, 392-400	2.3	32
165	VIM-1 carbapenemase-producing in gulls from southern France. *Ecology and Evolution*, **2017**, 7, 1224-1232	2.28	31
164	Why do parasitized hosts look different? Resolving the "chicken-egg" dilemma. *Oecologia*, **2009**, 160, 37-47	2.9	31
163	Parasitology: parasite survives predation on its host. *Nature*, **2006**, 440, 756	50.4	31
162	Infection and body odours: evolutionary and medical perspectives. *Infection, Genetics and Evolution*, **2009**, 9, 1006-9	4.5	30
161	Hitch-Hiker Parasites or How to Benefit from the Strategy of Another Parasite. *Evolution; International Journal of Organic Evolution*, **1997**, 51, 1316	3.8	30
160	Animal behaviour and cancer. *Animal Behaviour*, **2015**, 101, 19-26	2.8	29
159	Cancer Prevalence and Etiology in Wild and Captive Animals **2017**, 11-46		29
158	Parasitological Consequences of Overcrowding in Protected Areas. *EcoHealth*, **2007**, 3, 303-307	3.1	29
157	Proteomic analysis of an Aedes albopictus cell line infected with Dengue serotypes 1 and 3 viruses. *Parasites and Vectors*, **2011**, 4, 138	4	28
156	Neurological and physiological disorders in Artemia harboring manipulative cestodes. *Journal of Parasitology*, **2009**, 95, 20-4	0.9	28
155	The importance of cancer cells for animal evolutionary ecology. *Nature Ecology and Evolution*, **2017**, 1, 1592-1595	12.3	27
154	Social environment mediates cancer progression in Drosophila. *Nature Communications*, **2018**, 9, 3574	17.4	27
153	Metabolic Scope as a Proximate Constraint on Individual Behavioral Variation: Effects on Personality, Plasticity, and Predictability. *American Naturalist*, **2018**, 192, 142-154	3.7	27
152	Genetic diversity, inbreeding and cancer. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	26
151	Reciprocal immune benefit based on complementary production of antibiotics by the leech Hirudo verbana and its gut symbiont Aeromonas veronii. *Scientific Reports*, **2015**, 5, 17498	4.9	25
150	HITCH-HIKER PARASITES OR HOW TO BENEFIT FROM THE STRATEGY OF ANOTHER PARASITE. *Evolution; International Journal of Organic Evolution*, **1997**, 51, 1316-1318	3.8	25
149	Two steps to suicide in crickets harbouring hairworms. *Animal Behaviour*, **2008**, 76, 1621-1624	2.8	25

148	Evolutionary Ecology of Organs: A Missing Link in Cancer Development?. *Trends in Cancer*, **2016**, 2, 409-415	12.5	25
147	Preventive evolutionary medicine of cancers. *Evolutionary Applications*, **2013**, 6, 134-43	4.8	24
146	Evolutionary perspective of cancer: myth, metaphors, and reality. *Evolutionary Applications*, **2015**, 8, 541-48	4.8	24
145	Worldwide variation in life-span sexual dimorphism and sex-specific environmental mortality rates. *Human Biology*, **2004**, 76, 623-41	1.2	24
144	Cancer and life-history traits: lessons from host-parasite interactions. *Parasitology*, **2016**, 143, 533-41	2.7	24
143	Host-seeking behaviors of mosquitoes experimentally infected with sympatric field isolates of the human malaria parasite Plasmodium falciparum: no evidence for host manipulation. *Frontiers in Ecology and Evolution*, **2015**, 3,	3.7	23
142	Parasitic manipulation and neuroinflammation: Evidence from the system Microphallus papillorobustus (Trematoda) - Gammarus (Crustacea). *Parasites and Vectors*, **2010**, 3, 38	4	23
141	Water-seeking behavior in insects harboring hairworms: should the host collaborate?. *Behavioral Ecology*, **2005**, 16, 656-660	2.3	23
140	Recent circulation of West Nile virus and potentially other closely related flaviviruses in Southern France. *Vector-Borne and Zoonotic Diseases*, **2013**, 13, 610-3	2.4	22
139	Influenza A virus in birds during spring migration in the Camargue, France. *Journal of Wildlife Diseases*, **2007**, 43, 789-93	1.3	22
138	Avian influenza circulation in the Camargue (south of France) during the 2006-07 season. *Avian Diseases*, **2010**, 54, 446-9	1.6	21
137	Experimental demonstration of a behavioural modification in a cyprinid fish, Rutilus rutilus (L.), induced by a parasite, Ligula intestinalis (L.). *Canadian Journal of Zoology*, **2002**, 80, 738-744	1.5	21
136	Tracing the rise of malignant cell lines: Distribution, epidemiology and evolutionary interactions of two transmissible cancers in Tasmanian devils. *Evolutionary Applications*, **2019**, 12, 1772-1780	4.8	20
135	Of parasites and men. *Infection, Genetics and Evolution*, **2013**, 20, 61-70	4.5	20
134	Using randomization techniques to analyse fluctuating asymmetry data. *Animal Behaviour*, **1997**, 54, 1027-9	2.8	20
133	Parasites as host [corrected] evolutionary prints: insights into host evolution from parasitological data. *International Journal for Parasitology*, **1996**, 26, 677-86	4.3	20
132	Cancer brings forward oviposition in the fly. *Ecology and Evolution*, **2017**, 7, 272-276	2.8	19
131	Urban environment and cancer in wildlife: available evidence and future research avenues. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20182434	4.4	19

130	First analysis of the proteome in two nematomorph species, Paragordius tricuspidatus (Chordodidae) and Spinochordodes tellinii (Spinochordodidae). *Infection, Genetics and Evolution*, **2005**, 5, 167-75	4.5	19
129	Cancer: an emergent property of disturbed resource-rich environments? Ecology meets personalized medicine. *Evolutionary Applications*, **2015**, 8, 527-40	4.8	18
128	Cancer adaptations: Atavism, de novo selection, or something in between?. *BioEssays*, **2017**, 39, 1700039	4.1	17
127	Update on the proteomics of major arthropod vectors of human and animal pathogens. *Proteomics*, **2012**, 12, 3510-23	4.8	17
126	How much energy should manipulative parasites leave to their hosts to ensure altered behaviours?. *Journal of Experimental Biology*, **2013**, 216, 43-6	3	17
125	Reciprocal effects between host phenotype and pathogens: new insights from an old problem. *Trends in Parasitology*, **2009**, 25, 364-9	6.4	17
124	Identifying key questions in the ecology and evolution of cancer. *Evolutionary Applications*, **2021**, 14, 877-892	4.8	17
123	Aedes Aegypti saliva enhances chikungunya virus replication in human skin fibroblasts via inhibition of the type I interferon signaling pathway. *Infection, Genetics and Evolution*, **2017**, 55, 68-70	4.5	16
122	Isolation of infectious chikungunya virus and dengue virus using anionic polymer-coated magnetic beads. *Journal of Virological Methods*, **2013**, 193, 55-61	2.6	16
121	Peto's paradox revisited: theoretical evolutionary dynamics of cancer in wild populations. *Evolutionary Applications*, **2013**, 6, 109-16	4.8	16
120	From forest and agro-ecosystems to the microecosystems of the human body: what can landscape ecology tell us about tumor growth, metastasis, and treatment options?. *Evolutionary Applications*, **2013**, 6, 82-91	4.8	16
119	Facultative virulence: a strategy to manipulate host behaviour?. *Behavioural Processes*, **2006**, 72, 1-5	1.6	16
118	Nestling size rank in the little egret (Egretta garzetta) influences subsequent breeding success of offspring. *Behavioral Ecology and Sociobiology*, **1999**, 45, 466-470	2.5	16
117	Evolutionary routes leading to host manipulation by parasites **2012**, 16-33		16
116	The ecology and evolution of wildlife cancers: Applications for management and conservation. *Evolutionary Applications*, **2020**, 13, 1719-1732	4.8	15
115	Intrinsic versus Extrinsic Cancer Risks: The Debate Continues. *Trends in Cancer*, **2016**, 2, 68-69	12.5	15
114	The potential distance of highly pathogenic avian influenza virus dispersal by mallard, common teal and Eurasian pochard. *EcoHealth*, **2009**, 6, 449-57	3.1	15
113	Redescription of Gordius paranensis Camerano, 1892 (Nematomorpha), a species new for New Zealand. *Journal of Natural History*, **2000**, 34, 333-340	0.5	15

112	Evidence of two genetic entities in Bothriocephalus funiculus (Cestoda) detected by arbitrary-primer polymerase chain reaction random amplified polymorphic DNA fingerprinting. *Parasitology Research*, **1995**, 81, 591-4	2.4	15
111	The influence of intensity of infection by a trematode parasite on the reproductive biology of Gammarus insensibilis (Amphipoda). *International Journal for Parasitology*, **1996**, 26, 1205-9	4.3	15
110	Parasites, Age and the Hamilton-Zuk Hypothesis: Inferential Fallacy?. *Oikos*, **1995**, 74, 305	4	15
109	Clinical practice guidelines for BRCA1 and BRCA2 genetic testing. *European Journal of Cancer*, **2021**, 146, 30-47	7.5	15
108	Transmissible cancers, are they more common than thought?. *Evolutionary Applications*, **2016**, 9, 633-4	4.8	15
107	Is adaptive therapy natural?. *PLoS Biology*, **2018**, 16, e2007066	9.7	15
106	Can intestinal microbiota be associated with non-intestinal cancers?. *Scientific Reports*, **2017**, 7, 12722	4.9	14
105	Making the best of a bad situation: host partial resistance and bypass of behavioral manipulation by parasites?. *Trends in Parasitology*, **2015**, 31, 413-8	6.4	14
104	Oncogenesis as a Selective Force: Adaptive Evolution in the Face of a Transmissible Cancer. *BioEssays*, **2018**, 40, 1700146	4.1	14
103	Study of influenza A virus in wild boars living in a major duck wintering site. *Infection, Genetics and Evolution*, **2012**, 12, 483-6	4.5	14
102	No evidence for manipulation of Anopheles gambiae, An. coluzzii and An. arabiensis host preference by Plasmodium falciparum. *Scientific Reports*, **2017**, 7, 9415	4.9	14
101	Transmissible Cancer: The Evolution of Interindividual Metastasis **2017**, 167-179		14
100	Host–parasite relations and seasonal occurrence of Paragordius tricuspidatus and Spinochordodes tellinii (Nematomorpha) in Southern France. *Zoologischer Anzeiger*, **2005**, 244, 51-57	1.1	14
99	Transmissible Cancers in an Evolutionary Perspective. *IScience*, **2020**, 23, 101269	6.1	14
98	Host manipulation by cancer cells: Expectations, facts, and therapeutic implications. *BioEssays*, **2016**, 38, 276-85	4.1	14
97	Evolution in fecal bacterial/viral composition in infants of two central African countries (Gabon and Republic of the Congo) during their first month of life. *PLoS ONE*, **2017**, 12, e0185569	3.7	13
96	MHC diversity and female age underpin reproductive success in an Australian icon; the Tasmanian Devil. *Scientific Reports*, **2018**, 8, 4175	4.9	13
95	Herpes simplex virus type 2 and cancer: a medical geography approach. *Infection, Genetics and Evolution*, **2011**, 11, 1239-42	4.5	13

94	High influenza a virus infection rates in Mallards bred for hunting in the Camargue, South of France. *PLoS ONE*, **2012**, 7, e43974	3.7	12
93	Absence of detection of highly pathogenic H5N1 in migratory waterfowl in southern France in 2005-2006. *Infection, Genetics and Evolution*, **2007**, 7, 604-8	4.5	12
92	H9N2 avian influenza virus in a Mediterranean gull. *Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research*, **2008**, 3, 121-3	2.5	12
91	Turning natural adaptations to oncogenic factors into an ally in the war against cancer. *Evolutionary Applications*, **2018**, 11, 836-844	4.8	11
90	Can Peto's paradox be used as the null hypothesis to identify the role of evolution in natural resistance to cancer? A critical review. *BMC Cancer*, **2015**, 15, 792	4.8	11
89	Aedesin: structure and antimicrobial activity against multidrug resistant bacterial strains. *PLoS ONE*, **2014**, 9, e105441	3.7	11
88	Cancer risk landscapes: A framework to study cancer in ecosystems. *Science of the Total Environment*, **2021**, 763, 142955	10.2	11
87	The guardians of inherited oncogenic vulnerabilities. *Evolution; International Journal of Organic Evolution*, **2016**, 70, 1-6	3.8	10
86	Can we understand modern humans without considering pathogens?. *Evolutionary Applications*, **2012**, 5, 368-79	4.8	10
85	Bodyguard manipulation in a multipredator context: different processes, same effect. *Behavioural Processes*, **2013**, 99, 81-6	1.6	10
84	Cancer risk across mammals.. *Nature*, **2021**,	50.4	10
83	Transmissible cancer and the evolution of sex. *PLoS Biology*, **2019**, 17, e3000275	9.7	9
82	Cancer Is Not (Only) a Senescence Problem. *Trends in Cancer*, **2018**, 4, 169-172	12.5	9
81	Fluctuating asymmetry and parasitism in six New Zealand insects. *Acta Oecologica*, **1998**, 19, 409-412	1.7	9
80	Virulence and resistance in malaria: who drives the outcome of the infection?. *Trends in Parasitology* , **2007**, 23, 299-302	6.4	9
79	Asynchronous hatching in a blue tit population: a test of some predictions related to ectoparasites. *Canadian Journal of Zoology*, **2002**, 80, 1480-1484	1.5	9
78	Linking pollution and cancer in aquatic environments: A review. *Environment International*, **2021**, 149, 106391	12.9	9
77	Host nutritional status mediates degree of parasitoid virulence. *Oikos*, **2016**, 125, 1314-1323	4	9

76	Changes in diet associated with cancer: An evolutionary perspective. *Evolutionary Applications*, **2017**, 10, 651-657	4.8	8
75	Obesity paradox in cancer: Is bigger really better?. *Evolutionary Applications*, **2019**, 12, 1092-1095	4.8	8
74	Predation shapes the impact of cancer on population dynamics and the evolution of cancer resistance. *Evolutionary Applications*, **2020**, 13, 1733-1744	4.8	8
73	Cancer in Animals: Reciprocal Feedbacks Between Evolution of Cancer Resistance and Ecosystem Functioning **2017**, 181-191		8
72	Parasite-microbe-host interactions and cancer risk. *PLoS Pathogens*, **2019**, 15, e1007912	7.6	8
71	Manipulation: expansion of the paradigm. *Behavioural Processes*, **2005**, 68, 283-7	1.6	8
70	Eco-evolutionary perspectives of the dynamic relationships linking senescence and cancer. *Functional Ecology*, **2020**, 34, 141-152	5.6	8
69	Transmissible cancers in mammals and bivalves: How many examples are there?: Predictions indicate widespread occurrence. *BioEssays*, **2021**, 43, e2000222	4.1	8
68	Global meta-analysis of over 50´years of multidisciplinary and international collaborations on transmissible cancers. *Evolutionary Applications*, **2020**, 13, 1745-1755	4.8	7
67	Interactions between immune challenges and cancer cells proliferation: timing does matter!. *Evolution, Medicine and Public Health*, **2016**, 2016, 299-311	3	7
66	Field evidence for manipulation of mosquito host selection by the human malaria parasite, Plasmodium falciparum		7
65	A review of the potential effects of climate change on disseminated neoplasia with an emphasis on efficient detection in marine bivalve populations. *Science of the Total Environment*, **2021**, 775, 145134	10.2	7
64	Evolved Dependence in Response to Cancer. *Trends in Ecology and Evolution*, **2018**, 33, 269-276	10.9	6
63	Effect of parasite-induced behavioral alterations on juvenile development. *Behavioral Ecology*, **2009** , 20, 1020-1025	2.3	6
62	Hairworm response to notonectid attacks. *Animal Behaviour*, **2008**, 75, 823-826	2.8	6
61	The evolution of resistance and tolerance as cancer defences. *Parasitology*, **2020**, 147, 255-262	2.7	6
60	Do cell-autonomous and non-cell-autonomous effects drive the structure of tumor ecosystems?. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2016**, 1865, 147-54	11.2	6
59	Metastasis and the evolution of dispersal. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20192186	4.4	6

58	Bad luck and cancer: Does evolution spin the wheel of fortune?. *BioEssays*, **2015**, 37, 586-7	4.1	5
57	A Similar Speciation Process Relying on Cellular Stochasticity in Microbial and Cancer Cell Populations. *IScience*, **2020**, 23, 101531	6.1	5
56	Rare and unique adaptations to cancer in domesticated species: An untapped resource?. *Evolutionary Applications*, **2020**, 13, 1605-1614	4.8	5
55	Differences in mutational processes and intra-tumour heterogeneity between organs: The local selective filter hypothesis. *Evolution, Medicine and Public Health*, **2019**, 2019, 139-146	3	5
54	Plasmodium infections and fluctuating asymmetry among children and teenagers from Senegal. *Infection, Genetics and Evolution*, **2015**, 32, 97-101	4.5	5
53	Infection syndrome and multidimensionality: two terms for two different issues. *Oikos*, **2010**, 119, 1230-1230	4	5
52	Vicious circles and disease spread: elements of discussion. *Trends in Ecology and Evolution*, **2010**, 25, 131; author reply 132	10.9	5
51	Infestation by the mite Harpirhynchus nidulans in the Bearded Tit Panurus biarmicus. *Bird Study*, **2004**, 51, 34-40	0.7	5
50	Diversity and distribution of feather lice on Greater Flamingoes (Phoenicopterus ruber roseus) in the Camargue, southern France. *New Zealand Entomologist*, **2002**, 25, 87-89	0.3	5
49	The distribution and abundance of Lernaeocera lusci (Copepoda) on hake (Merluccius merluccius) and bib (Trisopterus luscus) (Teleostei). *International Journal for Parasitology*, **1996**, 26, 1387-92	4.3	5
48	Global spatial patterns of infectious diseases and human evolution **2007**, 19-30		5
47	Spontaneous activity rates and resting metabolism: Support for the allocation model of energy management at the among-individual level. *Ethology*, **2020**, 126, 32-39	1.7	5
46	Can Energetic Capacity Help Explain Why Physical Activity Reduces Cancer Risk?. *Trends in Cancer*, **2020**, 6, 829-837	12.5	5
45	Group phenotypic composition in cancer. *ELife*, **2021**, 10,	8.9	5
44	Can postfertile life stages evolve as an anticancer mechanism?. *PLoS Biology*, **2019**, 17, e3000565	9.7	5
43	Non-cell-autonomous effects yield lower clonal diversity in expanding tumors. *Scientific Reports*, **2017**, 7, 11157	4.9	4
42	Activity level and aggregation behavior in the crustacean gammarid Gammarus insensibilis parasitized by the manipulative trematode Microphallus papillorobustus. *Frontiers in Ecology and Evolution*, **2015**, 3,	3.7	4
41	When should a trophically transmitted parasite exploit host compensatory responses?. *Ecology and Evolution*, **2013**, 3, 2401-2408	2.8	4

40	Breeding habitat expansion in the Grey heron (Ardea cinerea). *Acta Oecologica*, **2000**, 21, 91-95	1.7	4
39	Do malignant cells sleep at night?. *Genome Biology*, **2020**, 21, 276	18.3	4
38	Evolution of tumor cells during AsiDNA treatment results in energy exhaustion, decrease in responsiveness to signal, and higher sensitivity to the drug. *Evolutionary Applications*, **2020**, 13, 1673-1680	4.8	4
37	Tissue-disruption-induced cellular stochasticity and epigenetic drift: Common origins of aging and cancer?. *BioEssays*, **2021**, 43, e2000140	4.1	4
36	Personal history of infections and immunotherapy: Unexpected links and possible therapeutic opportunities. *OncoImmunology*, **2018**, 7, e1466019	7.2	3
35	Ecology of Gordian knots in natural conditions. *Invertebrate Biology*, **2012**, 131, 294-300	1	3
34	Experimental evidence of size/age-biased infection of Biomphalaria glabrata (Pulmonata: Planorbidae) by an incompatible parasite species: consequences for biological control. *Infection, Genetics and Evolution*, **2010**, 10, 1008-12	4.5	3
33	Malignancies and High Birth Weight in Human: Which Cancers Could Result from Antagonistic Pleiotropy?. *Journal of Evolutionary Medicine*, **2012**, 1, 1-5		3
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