Eva Kisdi

List of Publications by Year in Descending Order

46	1,623	19	40
papers	citations	h-index	g-index
70	1,822	2.9	4.96
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
46	TPB and the invasion of adaptive dynamics. *Theoretical Population Biology*, **2020**, 133, 52-55	1.2	1
45	The Evolution of Immigration Strategies Facilitates Niche Expansion by Divergent Adaptation in a Structured Metapopulation Model. *American Naturalist*, **2020**, 195, 1-15	3.7	1
44	Evolutionary Suicide of Prey: Matsuda and AbramsⓎModel Revisited. *Bulletin of Mathematical Biology*, **2019**, 81, 4778-4802	2.1	3
43	Joint evolution of dispersal and connectivity. *Evolution; International Journal of Organic Evolution*, **2019**, 73, 2529-2537	3.8	1
42	Model of bacterial toxin-dependent pathogenesis explains infective dose. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 10690-10695	11.5	4
41	Evolution of dispersal under variable connectivity. *Journal of Theoretical Biology*, **2017**, 419, 52-65	2.3	3
40	Evolutionary suicide through a non-catastrophic bifurcation: adaptive dynamics of pathogens with frequency-dependent transmission. *Journal of Mathematical Biology*, **2016**, 72, 1101-1124	2	11
39	On the evolution of patch-type dependent immigration. *Journal of Theoretical Biology*, **2016**, 395, 115-125	2.3	6
38	Dispersal polymorphism in stable habitats. *Journal of Theoretical Biology*, **2016**, 392, 69-82	2.3	9
37	Adaptive dynamics of saturated polymorphisms. *Journal of Mathematical Biology*, **2016**, 72, 1039-1079	2	4
36	Evolution of dispersal under a fecundity-dispersal trade-off. *Journal of Theoretical Biology*, **2015**, 371, 145-53	2.3	17
35	Evolutionarily stable mating decisions for sequentially searching females and the stability of reproductive isolation by assortative mating. *Evolution; International Journal of Organic Evolution*, **2015**, 69, 1015-26	3.8	7
34	Construction of multiple trade-offs to obtain arbitrary singularities of adaptive dynamics. *Journal of Mathematical Biology*, **2015**, 70, 1093-117	2	10
33	A construction method to study the role of incidence in the adaptive dynamics of pathogens with direct and environmental transmission. *Journal of Mathematical Biology*, **2013**, 66, 1021-44	2	5
32	Evolution of pathogen virulence under selective predation: a construction method to find eco-evolutionary cycles. *Journal of Theoretical Biology*, **2013**, 339, 140-50	2.3	15
31	On the evolutionary dynamics of pathogens with direct and environmental transmission. *Evolution; International Journal of Organic Evolution*, **2012**, 66, 2514-27	3.8	29
30	Year-class coexistence in biennial plants. *Theoretical Population Biology*, **2012**, 82, 18-21	1.2	1

29	Mathematical ecology: why mechanistic models?. *Journal of Mathematical Biology*, **2012**, 65, 1411-5	2	23
28	Revisiting Santa Rosalia to unfold a degeneracy of classic models of speciation. *American Naturalist*, **2012**, 180, 388-93	3.7	10
27	Body condition dependent dispersal in a heterogeneous environment. *Theoretical Population Biology*, **2011**, 79, 139-54	1.2	15
26	Evolutionary branching of a magic trait. *Journal of Mathematical Biology*, **2011**, 63, 361-97	2	17
25	Variability within families and the evolution of body-condition-dependent dispersal. *Journal of Biological Dynamics*, **2011**, 5, 191-211	2.4	12
24	Epigenetic contribution to covariance between relatives. *Genetics*, **2010**, 184, 1037-50	4	87
23	Adaptive dynamics: a framework to model evolution in the ecological theatre. *Journal of Mathematical Biology*, **2010**, 61, 165-9	2	15
22	Costly dispersal can destabilize the homogeneous equilibrium of a metapopulation. *Journal of Theoretical Biology*, **2010**, 262, 279-83	2.3	4
21	Evolutionary branching of virulence in a single-infection model. *Journal of Theoretical Biology*, **2009**, 257, 408-18	2.3	31
20	Evolution of condition-dependent dispersal under kin competition. *Journal of Mathematical Biology*, **2008**, 57, 285-307	2	32
19	Evolutionary branching and long-term coexistence of cycling predators: critical function analysis. *Theoretical Population Biology*, **2007**, 71, 424-35	1.2	47
18	No direct selection to increase offspring number of bet-hedging strategies in large populations: SimonsYmodel revisited. *Journal of Evolutionary Biology*, **2007**, 20, 2072-4	2.3	4
17	Quasi-local competition in stage-structured metapopulations: a new mechanism of pattern formation. *Bulletin of Mathematical Biology*, **2007**, 69, 1649-72	2.1	4
16	Evolution of handling time can destroy the coexistence of cycling predators. *Journal of Evolutionary Biology*, **2006**, 19, 49-58	2.3	19
15	Does quasi-local competition lead to pattern formation in metapopulations? An explicit resource competition model. *Theoretical Population Biology*, **2005**, 68, 133-45	1.2	5
14	On the mechanistic underpinning of discrete-time population models with complex dynamics. *Journal of Theoretical Biology*, **2004**, 228, 261-9	2.3	124
13	Conditional dispersal under kin competition: extension of the Hamilton-May model to brood size-dependent dispersal. *Theoretical Population Biology*, **2004**, 66, 369-80	1.2	33
12	OPTIMAL BODY SIZE, DENSITY-DEPENDENT SELECTION GRADIENTS, AND PHENOTYPIC VARIANCE UNDER ASYMMETRIC COMPETITION. *Ecology*, **2004**, 85, 1460-1467	4.6	2

11	On the coexistence of perennial plants by the competition-colonization trade-off. *American Naturalist*, **2003**, 161, 350-4	3.7	38
10	Adaptive diversification of germination strategies. *Proceedings of the Royal Society B: Biological Sciences*, **2002**, 269, 151-5	4.4	35
9	Dispersal: risk spreading versus local adaptation. *American Naturalist*, **2002**, 159, 579-96	3.7	172
8	DIVERGENT EVOLUTION OF DISPERSAL IN A HETEROGENEOUS LANDSCAPE. *Evolution; International Journal of Organic Evolution*, **2001**, 55, 246	3.8	5
7	Evolutionary disarmament in interspecific competition. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 2589-94	4.4	19
6	Evolutionary branching under asymmetric competition. *Journal of Theoretical Biology*, **1999**, 197, 149-62	2.3	144
5	Adaptive Dynamics in Allele Space: Evolution of Genetic Polymorphism by Small Mutations in a Heterogeneous Environment. *Evolution; International Journal of Organic Evolution*, **1999**, 53, 993	3.8	58
4	ADAPTIVE DYNAMICS IN ALLELE SPACE: EVOLUTION OF GENETIC POLYMORPHISM BY SMALL MUTATIONS IN A HETEROGENEOUS ENVIRONMENT. *Evolution; International Journal of Organic Evolution*, **1999**, 53, 993-1008	3.8	103
3	Individual optimization: Mechanisms shaping the optimal reaction norm. *Evolutionary Ecology*, **1998**, 12, 211-221	1.8	19
2	Dynamics of Adaptation and Evolutionary Branching. *Physical Review Letters*, **1997**, 78, 2024-2027	7.4	390
1	Density Dependent Life History Evolution in Fluctuating Environments. *Lecture Notes in Biomathematics*, **1993**, 26-62		29