

Yi Tao

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,286
citations

218381

26
h-index

264894

42
g-index

104
all docs

104
docs citations

104
times ranked

2867
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise-Induced Quasi-Heteroclinic Cycle in a Rock-Paper-Scissors Game with Random Payoffs. <i>Dynamic Games and Applications</i> , 2022, 12, 1280-1292.	1.1	2
2	Stochastic evolutionary stability in matrix games with random payoffs. <i>Physical Review E</i> , 2022, 105, 034303.	0.8	2
3	Evolutionary game dynamics with non-uniform interaction rates in finite population. <i>Journal of Theoretical Biology</i> , 2022, 540, 111086.	0.8	4
4	Stochastic replicator dynamics and evolutionary stability. <i>Physical Review E</i> , 2022, 105, 044403.	0.8	6
5	Dispersal network heterogeneity promotes species coexistence in hierarchical competitive communities. <i>Ecology Letters</i> , 2021, 24, 50-59.	3.0	10
6	Mortality risk promotes cooperation of wasps when paralyzing hosts. <i>Animal Behaviour</i> , 2021, 172, 135-144.	0.8	7
7	Multilayer network structure enhances the coexistence of competitive species. <i>Physical Review E</i> , 2021, 104, 024402.	0.8	2
8	Hepatokine Pregnancy Zone Protein Governs the Diet-Induced Thermogenesis Through Activating Brown Adipose Tissue. <i>Advanced Science</i> , 2021, 8, e2101991.	5.6	16
9	Hamilton's rule and kin competition in a finite kin population. <i>Journal of Theoretical Biology</i> , 2021, 529, 110862.	0.8	1
10	Inclusive fitness and Hamilton's rule in a stochastic environment. <i>Theoretical Population Biology</i> , 2021, 142, 91-99.	0.5	2
11	Switching costs in stochastic environments drive the emergence of matching behaviour in animal decision-making through the promotion of reward learning strategies. <i>Scientific Reports</i> , 2021, 11, 23593.	1.6	1
12	Awareness of wealth inequalities breeds animosity. <i>Chaos, Solitons and Fractals</i> , 2020, 130, 109398.	2.5	2
13	Transitions in the cell-fate induction induced by colored noise associated with the inductive stimulus. <i>Journal of Theoretical Biology</i> , 2020, 484, 110018.	0.8	0
14	Inferior prognosis of gastric involvement in patients with gastrointestinal Burkitt Lymphoma. <i>Cancer Medicine</i> , 2020, 9, 3107-3114.	1.3	2
15	The jumping mechanism of flea beetles (Coleoptera, Chrysomelidae, Alticini), its application to bionics and preliminary design for a robotic jumping leg. <i>ZooKeys</i> , 2020, 915, 87-105.	0.5	14
16	Cooperation evolves more when players keep the interaction with unknown players. <i>Applied Mathematics and Computation</i> , 2019, 350, 209-216.	1.4	4
17	6mA-DNA-binding factor Jumu controls maternal-to-zygotic transition upstream of Zelda. <i>Nature Communications</i> , 2019, 10, 2219.	5.8	37
18	Sexual cooperation relies on food controlled by females in agromyzid flies. <i>Animal Behaviour</i> , 2019, 149, 55-63.	0.8	3

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19	Weak selection can filter environmental noise in the evolution of animal behavior. <i>Physical Review E</i> , 2019, 100, 052411.	0.8	1
20	Population structured by witchcraft beliefs. <i>Nature Human Behaviour</i> , 2018, 2, 39-44.	6.2	24
21	Kinship underlies costly cooperation in Mosuo villages. <i>Royal Society Open Science</i> , 2018, 5, 171535.	1.1	31
22	Effect of time-correlated noises on cell-fate induction. <i>Physical Review E</i> , 2018, 98, .	0.8	4
23	Environmental Noise Could Promote Stochastic Local Stability of Behavioral Diversity Evolution. <i>Physical Review Letters</i> , 2018, 120, 218101.	2.9	18
24	Asymmetric evolutionary game dynamics based on individuals' own volition. <i>Journal of Theoretical Biology</i> , 2018, 454, 118-125.	0.8	7
25	Evolutionary Pattern and Large-Scale Architecture of Mutation Networks of 2009 A (H1N1) Influenza A Virus. <i>Frontiers in Genetics</i> , 2018, 9, 204.	1.1	2
26	Tracing the origin of heterogeneity and symmetry breaking in the early mammalian embryo. <i>Nature Communications</i> , 2018, 9, 1819.	5.8	72
27	A new concept: Epigenetic game theory. <i>Physics of Life Reviews</i> , 2017, 20, 155-157.	1.5	1
28	Imitation dynamics with time delay. <i>Journal of Theoretical Biology</i> , 2017, 420, 8-11.	0.8	15
29	A simple rule of direct reciprocity leads to the stable coexistence of cooperation and defection in the Prisoner's Dilemma game. <i>Journal of Theoretical Biology</i> , 2017, 420, 12-17.	0.8	24
30	Bam-dependent deubiquitinase complex can disrupt germ-line stem cell maintenance by targeting cyclin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6316-6321.	3.3	46
31	Dihydrocortisol inhibits multiple myeloma cell proliferation and promotes apoptosis through ERK1/2 and IL-6/STAT3 pathways <i>in vitro</i> and <i>in vivo</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 420-427.	0.9	9
32	Selection intensity and risk-dominant strategy: A two-strategy stochastic evolutionary game dynamics in finite population. <i>Applied Mathematics and Computation</i> , 2017, 297, 1-7.	1.4	10
33	Evolutionary stability concepts in a stochastic environment. <i>Physical Review E</i> , 2017, 96, 032414.	0.8	17
34	Limiting similarity of competitive species and demographic stochasticity. <i>Physical Review E</i> , 2017, 95, 042404.	0.8	8
35	DCZ3301, a novel cytotoxic agent, inhibits proliferation in diffuse large B-cell lymphoma via the STAT3 pathway. <i>Cell Death and Disease</i> , 2017, 8, e3111-e3111.	2.7	12
36	Preclinical activity of DCZ3301, a novel aryl-guanidino compound in the therapy of multiple myeloma. <i>Theranostics</i> , 2017, 7, 3690-3699.	4.6	12

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37	The blueberry component pterostilbene has potent anti-myeloma activity in bortezomib-resistant cells. <i>Oncology Reports</i> , 2017, 38, 488-496.	1.2	13
38	TRIP13 impairs mitotic checkpoint surveillance and is associated with poor prognosis in multiple myeloma. <i>Oncotarget</i> , 2017, 8, 26718-26731.	0.8	55
39	Pterostilbene Inhibits Human Multiple Myeloma Cells via ERK1/2 and JNK Pathway In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1927.	1.8	39
40	Therapeutic potential and functional interaction of carfilzomib and vorinostat in T-cell leukemia/lymphoma. <i>Oncotarget</i> , 2016, 7, 29102-29115.	0.8	20
41	Overexpression of RPS27a contributes to enhanced chemoresistance of CML cells to imatinib by the transactivated STAT3. <i>Oncotarget</i> , 2016, 7, 18638-18650.	0.8	19
42	The dynamics of human behavior in the public goods game with institutional incentives. <i>Scientific Reports</i> , 2016, 6, 28809.	1.6	22
43	Opting out against defection leads to stable coexistence with cooperation. <i>Scientific Reports</i> , 2016, 6, 35902.	1.6	25
44	Kinship as a frequency dependent strategy. <i>Royal Society Open Science</i> , 2016, 3, 150632.	1.1	17
45	Thalidomide treatment for patients with previously untreated multiple myeloma: a meta-analysis of randomized controlled trials. <i>Tumor Biology</i> , 2016, 37, 11081-11098.	0.8	12
46	Myeloma bone disease: Progress in pathogenesis. <i>Progress in Biophysics and Molecular Biology</i> , 2016, 122, 149-155.	1.4	9
47	Antitumor effect of dobutamine on multiple myeloma via mitogen-activated protein kinase β pathway in vitro. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 1135-1137.	0.9	5
48	Pterostilbene induces apoptosis and cell cycle arrest in diffuse large B-cell lymphoma cells. <i>Scientific Reports</i> , 2016, 6, 37417.	1.6	54
49	Not leaving home: grandmothers and male dispersal in a duolocal human society. <i>Behavioral Ecology</i> , 2016, 27, 1343-1352.	1.0	19
50	Evolutionary Stability and the Evolution of Cooperation on Heterogeneous Graphs. <i>Dynamic Games and Applications</i> , 2016, 6, 567-579.	1.1	13
51	Synergistic Activity of Carfilzomib and Panobinostat in Multiple Myeloma Cells via Modulation of ROS Generation and ERK1/2. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	21
52	Evolution of Conformity in Social Dilemmas. <i>PLoS ONE</i> , 2015, 10, e0137435.	1.1	21
53	Bruton Tyrosine Kinase Is a Therapeutic Target in Stem-like Cells from Multiple Myeloma. <i>Cancer Research</i> , 2015, 75, 594-604.	0.4	65
54	Dynamic transcriptional symmetry-breaking in pre-implantation mammalian embryo development revealed by single-cell RNA-seq. <i>Development (Cambridge)</i> , 2015, 142, 3468-77.	1.2	75

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73	Potentials-Attract or Likes-Attract in Human Mate Choice in China. PLoS ONE, 2013, 8, e59457.	1.1	5
74	Regulation of Estradiol and Progesterone Production by CRH-R1 and -R2 Is through Divergent Signaling Pathways in Cultured Human Placental Trophoblasts. Endocrinology, 2012, 153, 4918-4928.	1.4	17
75	Valproic Acid Upregulates NKG2D Ligand Expression through an ERK-dependent Mechanism and Potentially Enhances NK Cell-mediated Lysis of Myeloma. Neoplasia, 2012, 14, 1178-1189.	2.3	77
76	Organism-induced habitat restoration leads to bi-stability in metapopulations. Mathematical Biosciences, 2012, 240, 260-266.	0.9	7
77	Evolutionary Dynamics of Fearfulness and Boldness: A Stochastic Simulation Model. PLoS ONE, 2012, 7, e32258.	1.1	0
78	The Niche-Dependent Feedback Loop Generates a BMP Activity Gradient to Determine the Germline Stem Cell Fate. Current Biology, 2012, 22, 515-521.	1.8	39
79	Cooperation and evolutionary dynamics in the public goods game with institutional incentives. Journal of Theoretical Biology, 2012, 299, 144-151.	0.8	49
80	Proteasome inhibitor lactacystin augments natural killer cell cytotoxicity of myeloma via downregulation of HLA class I. Biochemical and Biophysical Research Communications, 2011, 415, 187-192.	1.0	15
81	Bistability, Probability Transition Rate and First-Passage Time in an Autoactivating Positive-Feedback Loop. PLoS ONE, 2011, 6, e17104.	1.1	39
82	Bortezomib attenuates acute graft-vs.-host disease through interfering with host immature dendritic cells. Experimental Hematology, 2011, 39, 710-720.	0.2	11
83	The Diffusion Approximation of Stochastic Evolutionary Game Dynamics: Mean Effective Fixation Time and the Significance of the One-Third Law. Dynamic Games and Applications, 2011, 1, 462-477.	1.1	14
84	Stochastic Analysis of Gene Expression. Methods in Molecular Biology, 2011, 734, 123-151.	0.4	1
85	A new method for quantifying genotyping errors for noninvasive genetic studies. Conservation Genetics, 2010, 11, 1567-1571.	0.8	18
86	Cooperation and Stability through Periodic Impulses. PLoS ONE, 2010, 5, e9882.	1.1	2
87	Arsenic trioxide-mediated growth inhibition of myeloma cells is associated with an extrinsic or intrinsic signaling pathway through activation of TRAIL or TRAIL receptor 2. Cancer Biology and Therapy, 2010, 10, 1201-1214.	1.5	21
88	Effects of bidirectional regulation on noises in gene networks. Physical Chemistry Chemical Physics, 2010, 12, 2418.	1.3	1
89	Costly punishment does not always increase cooperation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17448-17451.	3.3	128
90	Reply to Rankin et al.: The efficiency ratio of costly punishment. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, .	3.3	3

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91	Evolutionary dynamics of fearfulness and boldness. <i>Journal of Theoretical Biology</i> , 2009, 256, 637-643.	0.8	1
92	Evolutionary game dynamics with impulsive effects. <i>Journal of Theoretical Biology</i> , 2008, 254, 384-389.	0.8	4
93	Toxicogenomic analysis of the hepatic effects of perfluorooctanoic acid on rare minnows (<i>Gobiocypris rarus</i>). <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 285-297.	1.3	82
94	Stochastic fluctuations in frequency-dependent selection: A one-locus, two-allele and two-phenotype model. <i>Theoretical Population Biology</i> , 2008, 74, 263-272.	0.5	0
95	Differential Regulation of Prostaglandin Production Mediated by Corticotropin-Releasing Hormone Receptor Type 1 and Type 2 in Cultured Human Placental Trophoblasts. <i>Endocrinology</i> , 2008, 149, 2866-2876.	1.4	44
96	Additivity of noise propagation in a protein cascade. <i>Journal of Chemical Physics</i> , 2008, 128, 165104.	1.2	5
97	Effect of feedback regulation on stochastic gene expression. <i>Journal of Theoretical Biology</i> , 2007, 247, 827-836.	0.8	35
98	Stability analysis of a two-species model with transitions between population interactions. <i>Journal of Theoretical Biology</i> , 2007, 248, 145-153.	0.8	23
99	Relationship between increase rate of human plague in China and global climate index as revealed by cross-spectral and cross-wavelet analyses. <i>Integrative Zoology</i> , 2007, 2, 144-153.	1.3	40
100	Stochastic Fluctuations Through Intrinsic Noise in Evolutionary Game Dynamics. <i>Bulletin of Mathematical Biology</i> , 2007, 69, 1377-1399.	0.9	12
101	External noise and feedback regulation: Steady-state statistics of auto-regulatory genetic network. <i>Journal of Theoretical Biology</i> , 2006, 243, 214-221.	0.8	35
102	Stochastic fluctuations in gene expression far from equilibrium: $\hat{\mathcal{C}}$ expansion and linear noise approximation. <i>Journal of Chemical Physics</i> , 2005, 122, 124108.	1.2	26
103	Intrinsic and external noise in an auto-regulatory genetic network. <i>Journal of Theoretical Biology</i> , 2004, 229, 147-156.	0.8	39
104	Intrinsic noise, gene regulation and steady-state statistics in a two-gene network. <i>Journal of Theoretical Biology</i> , 2004, 231, 563-568.	0.8	18