

Long Wang

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.

548
papers

20,323
citations

68
h-index

124
g-index

659
ext. papers

24,867
ext. citations

3
avg, IF

7.53
L-index

#	Paper	IF	Citations
548	Evolution of cooperation with joint liability.. <i>Journal of the Royal Society Interface</i> , 2022 , 19, 20220082	4.1	0
547	The Study on Credit Risk Warning of Regional Listed Companies in China Based on Logistic Model. <i>Discrete Dynamics in Nature and Society</i> , 2021 , 2021, 1-8	1.1	5
546	Aspiration dynamics generate robust predictions in heterogeneous populations. <i>Nature Communications</i> , 2021 , 12, 3250	17.4	3
545	Coevolution of fairness and spite on stochastic dynamics networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 405, 127423	2.3	0
544	Online Distributed Algorithms for Seeking Generalized Nash Equilibria in Dynamic Environments. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2289-2296	5.9	4
543	Controllability and observability of multi-agent systems with general linear dynamics under switching topologies. <i>International Journal of Control</i> , 2021 , 94, 1355-1367	1.5	
542	Distributed adaptive Nash equilibrium seeking and disturbance rejection for noncooperative games of high-order nonlinear systems with input saturation and input delay. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 2827-2846	3.6	2
541	. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	3
540	. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	5
539	Structural Controllability of Directed Signed Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 1189-1200	4	3
538	On Necessary and Sufficient Conditions for Exponential Consensus in Dynamic Networks via Uniform Complete Observability Theory. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4975-4981	5.9	0
537	Evolution of state-dependent strategies in stochastic games. <i>Journal of Theoretical Biology</i> , 2021 , 527, 110818	2.3	0
536	Distributed fixed-time event-triggered consensus of linear multi-agent systems with input delay. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 2526-2545	3.6	11
535	Evolution of cooperation on temporal networks. <i>Nature Communications</i> , 2020 , 11, 2259	17.4	30
534	Distributed algorithms for solving the convex feasibility problems. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	0
533	Evolution of egalitarian social norm by resource management. <i>PLoS ONE</i> , 2020 , 15, e0227902	3.7	4
532	On Synchronization of Dynamical Systems Over Directed Switching Topologies: An Algebraic and Geometric Perspective. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5083-5098	5.9	40

531	Evolution of cooperation in a conformity-driven evolving dynamic social network. <i>Applied Mathematics and Computation</i> , 2020 , 379, 125251	2.7	5
530	Learning enables adaptation in cooperation for multi-player stochastic games. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200639	4.1	5
529	Controllability of heterogeneous multiagent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 512-525	3.6	3
528	Interaction stochasticity may hinder cooperation in the spatial public goods game. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020 , 384, 126121	2.3	1
527	Competitive diffusion in signed social networks: A game-theoretic perspective. <i>Automatica</i> , 2020 , 112, 108656	5.7	5
526	Information Propagation Over Networks With Antagonistic Interactions: The Equilibrium Analysis. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 592-602	4	2
525	Controllability and observability of multi-agent systems with heterogeneous and switching topologies. <i>International Journal of Control</i> , 2020 , 93, 437-448	1.5	6
524	Integral-based event-triggered control for multi-agent systems with general linear dynamics. <i>International Journal of Control</i> , 2020 , 93, 1005-1014	1.5	10
523	Online Distributed Optimization With Strongly Pseudoconvex-Sum Cost Functions. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 426-433	5.9	8
522	. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 817-823	5.9	22
521	Controllability of Switching Signed Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1059-1063	3.5	8
520	Evolution of cooperation in synergistically evolving dynamic interdependent networks: fundamental advantages of coordinated network evolution. <i>New Journal of Physics</i> , 2019 , 21, 073057	2.9	9
519	Energy cost for controlling complex networks with linear dynamics. <i>Physical Review E</i> , 2019 , 99, 052305	2.4	8
518	Evolutionary multiplayer games on graphs with edge diversity. <i>PLoS Computational Biology</i> , 2019 , 15, e1006947	5	13
517	A distributed algorithm for solving mixed equilibrium problems. <i>Automatica</i> , 2019 , 105, 246-253	5.7	5
516	Target controllability of multiagent systems under fixed and switching topologies. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2725-2741	3.6	18
515	Angle-based shape determination theory of planar graphs with application to formation stabilization. <i>Automatica</i> , 2019 , 105, 117-129	5.7	29
514	Spatial reciprocity in the evolution of cooperation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190041	4.4	17

513	Second-order consensus of hybrid multi-agent systems. <i>Systems and Control Letters</i> , 2019 , 125, 51-58	2.4	68
512	Evolutionary dynamics of networked multi-person games: mixing opponent-aware and opponent-independent strategy decisions. <i>New Journal of Physics</i> , 2019 , 21, 063013	2.9	2
511	ENERGY COST FOR TARGET CONTROL OF COMPLEX NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2019 , 22, 1950022	0.8	3
510	A novel hybrid decision-making model for team building in cloud service environment. <i>International Journal of Computer Integrated Manufacturing</i> , 2019 , 32, 1134-1153	4.3	6
509	Evolutionary dynamics with game transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25398-25404	11.5	30
508	Controllability analysis of multi-agent systems with switching topology over finite fields. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	16
507	Evolution of fairness in the mixture of the Ultimatum Game and the Dictator Game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 519, 319-325	3.3	8
506	. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3431-3438	5.9	7
505	Hybrid event- and time-triggered control for double-integrator heterogeneous networks. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	7
504	Phenotype affinity mediated interactions can facilitate the evolution of cooperation. <i>Journal of Theoretical Biology</i> , 2019 , 462, 361-369	2.3	2
503	Finite-Time Coordination Under State-Dependent Communication Graphs With Inherent Links. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 968-972	3.5	3
502	Controllability and observability of switched multi-agent systems. <i>International Journal of Control</i> , 2019 , 92, 1742-1752	1.5	14
501	Salient Object Detection via Two-Stage Graphs. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 1023-1037	6.4	34
500	Distributed Algorithms for Searching Generalized Nash Equilibrium of Noncooperative Games. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2362-2371	10.2	38
499	Evolution of joint cooperation under phenotypic variations. <i>Scientific Reports</i> , 2018 , 8, 4137	4.9	1
498	Distributed Algorithm for Solving Convex Inequalities. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2670-2677	5.9	13
497	Evolution of cooperation in a hierarchical society with corruption control. <i>Journal of Theoretical Biology</i> , 2018 , 449, 60-72	2.3	11
496	Rationality alters the rank between peer punishment and social exclusion. <i>Europhysics Letters</i> , 2018 , 121, 38003	1.6	8

495	Evolution of cooperation with interactive identity and diversity. <i>Journal of Theoretical Biology</i> , 2018 , 442, 149-157	2.3	11
494	Controllability of discrete-time multiagent systems with switching topology. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2560-2573	3.6	5
493	Conditional punishment is a double-edged sword in promoting cooperation. <i>Scientific Reports</i> , 2018 , 8, 528	4.9	16
492	Adaptive play stabilizes cooperation in continuous public goods games. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 495, 427-435	3.3	6
491	Non-fragility of multi-agent controllability. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	4
490	Voluntary vaccination dilemma with evolving psychological perceptions. <i>Journal of Theoretical Biology</i> , 2018 , 439, 65-75	2.3	16
489	Asynchronous Periodic Edge-Event Triggered Control for Double-Integrator Networks With Communication Time Delays. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 675-688	10.2	33
488	Consensus of Hybrid Multi-Agent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1359-1365	10.3	217
487	Controllability of multi-agent systems with periodically switching topologies and switching leaders. <i>International Journal of Control</i> , 2018 , 91, 1023-1033	1.5	8
486	Opinion dynamics in social networks with stubborn agents: An issue-based perspective. <i>Automatica</i> , 2018 , 96, 213-223	5.7	26
485	Controllability of multi-agent systems with directed and weighted signed networks. <i>Systems and Control Letters</i> , 2018 , 116, 47-55	2.4	32
484	Evolution of global cooperation and ethnocentrism in group-structured populations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 2027-2043	2.3	5
483	Coevolution of nonlinear group interactions and strategies in well-mixed and structured populations. <i>Journal of Theoretical Biology</i> , 2018 , 440, 32-41	2.3	7
482	Evolution of cooperation driven by majority-pressure based interdependence. <i>New Journal of Physics</i> , 2018 , 20, 083047	2.9	7
481	Coevolutionary dynamics of aspiration and strategy in spatial repeated public goods games. <i>New Journal of Physics</i> , 2018 , 20, 063007	2.9	25
480	The Equivalence Induced by Unifying Fitness Mappings in Frequency-Dependent Moran Process 2018 ,		2
479	Understanding spatial public goods games on three-layer networks. <i>New Journal of Physics</i> , 2018 , 20, 103030	2.9	12
478	Simple property of heterogeneous aspiration dynamics: Beyond weak selection. <i>Physical Review E</i> , 2018 , 98,	2.4	19

477	Role of the effective payoff function in evolutionary game dynamics. <i>Europhysics Letters</i> , 2018 , 124, 40002	3.6	1
476	Distributed integral-type event-triggered synchronization of multiagent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 4175-4187	3.6	16
475	Weak Rigidity Theory and Its Application to Formation Stabilization. <i>SIAM Journal on Control and Optimization</i> , 2018 , 56, 2248-2273	1.9	10
474	Leader-Following Consensus for Linear and Lipschitz Nonlinear Multiagent Systems With Quantized Communication. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1970-1982	10.2	96
473	Consensus of switched multi-agent systems with random networks. <i>International Journal of Control</i> , 2017 , 90, 1113-1122	1.5	21
472	Spatial structure favors cooperative behavior in the snowdrift game with multiple interactive dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 468, 299-306	3.3	19
471	Controllability of multi-agent systems under directed topology. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 4333-4347	3.6	42
470	Randomly biased investments and the evolution of public goods on interdependent networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 479, 542-550	3.3	13
469	Nash Equilibrium Topology of Multi-Agent Systems With Competitive Groups. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4956-4966	8.9	21
468	Evolution of stinginess and generosity in finite populations. <i>Journal of Theoretical Biology</i> , 2017 , 421, 71-80	2.3	5
467	Cooperation guided by the coexistence of imitation dynamics and aspiration dynamics in structured populations. <i>Europhysics Letters</i> , 2017 , 117, 48002	1.6	21
466	Observability of Multi-Agent Systems With Switching Topology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 1317-1321	3.5	31
465	Recent Advances in Consensus of Multi-Agent Systems: A Brief Survey. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4972-4983	8.9	371
464	Individual mobility promotes punishment in evolutionary public goods games. <i>Scientific Reports</i> , 2017 , 7, 14015	4.9	18
463	Multiple tolerances dilute the second order cooperative dilemma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017 , 381, 3785-3797	2.3	5
462	Coevolutionary dynamics of phenotypic diversity and contingent cooperation. <i>PLoS Computational Biology</i> , 2017 , 13, e1005363	5	15
461	The fundamental advantages of temporal networks. <i>Science</i> , 2017 , 358, 1042-1046	33.3	197
460	Evolutionary dynamics under interactive diversity. <i>New Journal of Physics</i> , 2017 , 19, 103023	2.9	20

459	Evolutionary dynamics of N-person Hawk-Dove games. <i>Scientific Reports</i> , 2017 , 7, 4800	4.9	10
458	Structural controllability of multi-agent systems with absolute protocol under fixed and switching topologies. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	29
457	Workload-based multi-task scheduling in cloud manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , 2017 , 45, 3-20	9.2	140
456	Energy-Efficient Braking Torque Control of Robotic Transtibial Prosthesis. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 149-160	5.5	19
455	Consensus of Multiagent Systems With Distance-Dependent Communication Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2712-2726	10.3	48
454	Three-Dimensional Leaderless Flocking Control of Large-Scale Small Unmanned Aerial Vehicles. <i>IFAC-PapersOnLine</i> , 2017 , 50, 6208-6213	0.7	5
453	Second-order consensus in time-delayed networks based on periodic edge-event driven control. <i>Systems and Control Letters</i> , 2016 , 96, 37-44	2.4	17
452	Cooperation induced by wise incentive allocation in spontaneous institution. <i>Europhysics Letters</i> , 2016 , 115, 38002	1.6	9
451	Equilibrium topology of multi-agent systems with two leaders: A zero-sum game perspective. <i>Automatica</i> , 2016 , 73, 200-206	5.7	25
450	Evolutionary dynamics of general group interactions in structured populations. <i>Physical Review E</i> , 2016 , 93, 022407	2.4	44
449	An energy-efficient torque controller based on passive dynamics of human locomotion for a robotic transtibial prosthesis 2016 ,		2
448	Stochastic evolutionary dynamics in minimum-effort coordination games. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 2595-2602	2.3	5
447	A distributed algorithm for efficiently solving linear equations and its applications (Special Issue JCW). <i>Systems and Control Letters</i> , 2016 , 91, 21-27	2.4	38
446	Controllability improvement for multi-agent systems: leader selection and weight adjustment. <i>International Journal of Control</i> , 2016 , 89, 2008-2018	1.5	18
445	Consensus of Switched Multiagent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 314-318	3.5	101
444	Aspiration dynamics and the sustainability of resources in the public goods dilemma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 1432-1436	2.3	26
443	Periodic Event-Triggered Consensus With Quantization. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 406-410	3.5	36
442	Friendship-based partner switching promotes cooperation in heterogeneous populations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 443, 192-199	3.3	21

441	Controllability of heterogeneous multi-agent systems under directed and weighted topology. <i>International Journal of Control</i> , 2016 , 89, 1009-1024	1.5	46
440	Controllability of discrete-time multi-agent systems with directed topology and input delay. <i>International Journal of Control</i> , 2016 , 89, 179-192	1.5	23
439	Interactive diversity promotes the evolution of cooperation in structured populations. <i>New Journal of Physics</i> , 2016 , 18, 103007	2.9	34
438	Structural controllability of multi-agent systems with general linear dynamics over finite fields 2016 ,		1
437	Cooperation induced by random sequential exclusion. <i>Europhysics Letters</i> , 2016 , 114, 58001	1.6	12
436	The coevolution of overconfidence and bluffing in the resource competition game. <i>Scientific Reports</i> , 2016 , 6, 21104	4.9	25
435	Topology selection for multi-agent systems with opposite leaders. <i>Systems and Control Letters</i> , 2016 , 93, 43-49	2.4	13
434	Some Open Problems on Simultaneous Stabilization of Linear Systems. <i>Journal of Systems Science and Complexity</i> , 2016 , 29, 289-299	1	2
433	Registration of images with affine geometric distortion based on Maximally Stable Extremal Regions and phase congruency. <i>Image and Vision Computing</i> , 2015 , 36, 23-39	3.7	19
432	Evolutionary dynamics of fairness on graphs with migration. <i>Journal of Theoretical Biology</i> , 2015 , 380, 103-114	2.3	16
431	Social exclusion in finite populations. <i>Physical Review E</i> , 2015 , 91, 042810	2.4	67
430	A novel group consensus protocol for heterogeneous multi-agent systems. <i>International Journal of Control</i> , 2015 , 88, 2347-2353	1.5	36
429	Evolution of cooperation on complex networks with synergistic and discounted group interactions. <i>Europhysics Letters</i> , 2015 , 110, 60006	1.6	16
428	Evolutionary dynamics of synergistic and discounted group interactions in structured populations. <i>Journal of Theoretical Biology</i> , 2015 , 377, 57-65	2.3	16
427	Quantised consensus of multi-agent systems with nonlinear dynamics. <i>International Journal of Systems Science</i> , 2015 , 46, 2061-2071	2.3	12
426	Resource service sharing in cloud manufacturing based on the Gale-Shapley algorithm: advantages and challenge. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 1-13	4.3	13
425	Evolutionary dynamics of N-person snowdrift game. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2922-2934	2.3	36
424	Containment control of switched multi-agent systems. <i>International Journal of Control</i> , 2015 , 88, 2570-2577		23

4 ²³	Adaptive Slope Walking With a Robotic Transtibial Prosthesis Based on Volitional EMG Control. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 2146-2157	5.5	33
4 ²²	Quantised consensus of heterogeneous multi-agent systems. <i>IET Control Theory and Applications</i> , 2015 , 9, 2553-2560	2.5	9
4 ²¹	Distributed event-triggered consensus for multi-agent systems with quantisation. <i>International Journal of Control</i> , 2015 , 88, 1112-1122	1.5	33
4 ²⁰	Emergence of parochial altruism in well-mixed populations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 333-341	2.3	9
4 ¹⁹	LQR-based optimal topology of leader-following consensus. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 3404-3421	3.6	64
4 ¹⁸	A new strategy for parameter optimization to improve phase-dependent locomotion mode recognition. <i>Neurocomputing</i> , 2015 , 149, 585-593	5.4	22
4 ¹⁷	Multisensor video fusion based on higher order singular value decomposition. <i>Information Fusion</i> , 2015 , 24, 54-71	16.7	19
4 ¹⁶	Fuzzy-Logic-Based Terrain Identification with Multisensor Fusion for Transtibial Amputees. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 618-630	5.5	63
4 ¹⁵	Emergence of parochial altruism in well-mixed populations of multiple groups. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2311-2318	2.3	5
4 ¹⁴	Speed of evolution on graphs. <i>Physical Review E</i> , 2015 , 92, 062124	2.4	7
4 ¹³	Cooperation in group-structured populations with two layers of interactions. <i>Scientific Reports</i> , 2015 , 5, 17446	4.9	29
4 ¹²	A realtime locomotion mode recognition method for an active pelvis orthosis 2015 ,		8
4 ¹¹	Effects of partner choice and role assignation in the spatial ultimatum game. <i>Europhysics Letters</i> , 2015 , 109, 40013	1.6	10
4 ¹⁰	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015 , 20, 1372-1383	5.5	58
4 ⁰⁹	Heterogenous allocation of chips promotes fairness in the Ultimatum Game. <i>Europhysics Letters</i> , 2015 , 109, 68006	1.6	10
4 ⁰⁸	Consensus for heterogeneous multi-agent systems under fixed and switching topologies. <i>Journal of the Franklin Institute</i> , 2015 , 352, 3670-3683	4	65
4 ⁰⁷	Walk the Walk: A Lightweight Active Transtibial Prosthesis. <i>IEEE Robotics and Automation Magazine</i> , 2015 , 22, 80-89	3.4	46
4 ⁰⁶	Fuzzy-logic-based hybrid locomotion mode classification for an active pelvis orthosis: Preliminary results. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 3893-6	0.9	1

405	Promote or hinder? The role of punishment in the emergence of cooperation. <i>Journal of Theoretical Biology</i> , 2015 , 386, 69-77	2.3	8
404	Sampled-data consensus for multi-agent systems with quantised communication. <i>International Journal of Control</i> , 2015 , 88, 413-428	1.5	18
403	Event-Based Second-Order Consensus Control for Multi-Agent Systems via Synchronous Periodic Event Detection. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 2452-2457	5.9	99
402	Coevolution of aspirations and cooperation in spatial prisoner's dilemma game. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015 , 2015, P01032	1.9	21
401	Aspiration dynamics in structured population acts as if in a well-mixed one. <i>Scientific Reports</i> , 2015 , 5, 8014	4.9	32
400	. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 756-762	5.9	45
399	Time scales in evolutionary game on adaptive networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 950-955	2.3	25
398	Containment control for second-order multi-agent systems with time-varying delays. <i>Systems and Control Letters</i> , 2014 , 67, 24-31	2.4	114
397	Do not aim too high nor too low: Moderate expectation-based group formation promotes public cooperation on networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 410, 259-267	3.3	9
396	Finite-state control of a robotic transtibial prosthesis with motor-driven nonlinear damping behaviors for level ground walking 2014 ,		5
395	Second-order leader-following consensus based on time and event hybrid-driven control. <i>Systems and Control Letters</i> , 2014 , 74, 90-97	2.4	20
394	Consensus of linear multi-agent systems via event-triggered control. <i>International Journal of Control</i> , 2014 , 87, 1243-1251	1.5	108
393	Social influence promotes cooperation in the public goods game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 413, 86-93	3.3	39
392	Quadratic stabilisability of multi-agent systems under switching topologies. <i>International Journal of Control</i> , 2014 , 87, 2657-2668	1.5	16
391	Effects of toe stiffness on ankle kinetics in a robotic transtibial prosthesis during level-ground walking. <i>Mechatronics</i> , 2014 , 24, 1254-1261	3	13
390	Effects of payoff-related velocity in the co-evolutionary snowdrift game. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014 , 393, 304-311	3.3	16
389	Experimental implementation of distributed flocking algorithm for multiple robotic fish. <i>Control Engineering Practice</i> , 2014 , 30, 1-11	3.9	14
388	Decentralized Leader-Follower Flocking of Multiple Non-Holonomic Agents. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 6668-6673		0

387	Average consensus of continuous-time multi-agent systems with quantized communication. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 3345-3371	3.6	15
386	A Hierarchical Control Scheme for Smooth Transitions between Level Ground and Ramps with a Robotic Transtibial Prosthesis. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 3527-3532		4
385	Bluffing promotes overconfidence on social networks. <i>Scientific Reports</i> , 2014 , 4, 5491	4.9	12
384	Cooperation with both synergistic and local interactions can be worse than each alone. <i>Scientific Reports</i> , 2014 , 4, 5536	4.9	33
383	Random allocation of pies promotes the evolution of fairness in the Ultimatum Game. <i>Scientific Reports</i> , 2014 , 4, 4534	4.9	24
382	Aspiration-based partner switching boosts cooperation in social dilemmas. <i>PLoS ONE</i> , 2014 , 9, e97866	3.7	17
381	A noncontact capacitive sensing system for recognizing locomotion modes of transtibial amputees. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 2911-20	5	50
380	Three-dimensional swimming robotic fish with slide-block structure: design and realization. <i>Robotica</i> , 2014 , 32, 823-834	2.1	
379	Climate collective risk dilemma with feedback of real-time temperatures. <i>Europhysics Letters</i> , 2014 , 107, 60005	1.6	14
378	Flocking of multi-agent systems with multiple groups. <i>International Journal of Control</i> , 2014 , 87, 2573-2583		26
377	Changes of Achilles tendon properties via 12-week PNF based robotic rehabilitation of ankle joints with spasticity and/or contracture. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 1214-7	0.9	2
376	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 4797-4807	8.9	58
375	Motion control of a robotic transtibial prosthesis during transitions between level ground and stairs 2014 ,		2
374	Promise of using surface EMG signals to volitionally control ankle joint position for powered transtibial prostheses. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 2545-8	0.9	2
373	Group flocking of multiple mobile agents 2014 ,		1
372	Evolutionary dynamics of cooperation on interdependent networks with the Prisoner's Dilemma and Snowdrift Game. <i>Europhysics Letters</i> , 2014 , 107, 58006	1.6	37
371	Aspiration dynamics of multi-player games in finite populations. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20140077	4.1	81
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8	Parameter Optimization of Simplified Propulsive Model for Biomimetic Robot Fish	4
7	A framework for biomimetic robot fish's design and its realization	15
6	Leader-Following Formation Control of Multiple Mobile Robots	7
5	Robust stability analysis and control synthesis for discrete-time uncertain switched systems	2
4	Improved results on robust stability of multivariable interval control systems	1
3	Stability and stabilization of switched descriptor systems under arbitrary switching	1
2	Stabilization of networked control systems with transmission delays	1
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