Long Wang

List of Publications by Citations

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	A survey on visual surveillance of object motion and behaviors. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2004**, 34, 334-352		1194
547	Finite-Time Consensus Problems for Networks of Dynamic Agents. *IEEE Transactions on Automatic Control*, **2010**, 55, 950-955	5.9	696
546	Finite-time formation control for multi-agent systems. *Automatica*, **2009**, 45, 2605-2611	5.7	563
545	Asynchronous Consensus in Continuous-Time Multi-Agent Systems With Switching Topology and Time-Varying Delays. *IEEE Transactions on Automatic Control*, **2008**, 53, 1804-1816	5.9	481
544	Reputation-based partner choice promotes cooperation in social networks. *Physical Review E*, **2008**, 78, 026117	2.4	423
543	Recent Advances in Consensus of Multi-Agent Systems: A Brief Survey. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4972-4983	8.9	371
542	Consensus control for a class of networks of dynamic agents. *International Journal of Robust and Nonlinear Control*, **2007**, 17, 941-959	3.6	364
541	Average consensus in networks of dynamic agents with switching topologies and multiple time-varying delays. *Systems and Control Letters*, **2008**, 57, 175-183	2.4	322
540	Group consensus in multi-agent systems with switching topologies and communication delays. *Systems and Control Letters*, **2010**, 59, 340-348	2.4	300
539	Necessary and sufficient conditions for containment control of networked multi-agent systems. *Automatica*, **2012**, 48, 1415-1422	5.7	262
538	State consensus for multi-agent systems with switching topologies and time-varying delays. *International Journal of Control*, **2006**, 79, 1277-1284	1.5	257
537	. *IEEE Transactions on Automatic Control*, **2009**, 54, 1607-1613	5.9	253
536	Consensus of heterogeneous multi-agent systems. *IET Control Theory and Applications*, **2011**, 5, 1881-1888	2.5	243
535	Imitation dynamics of vaccination behaviour on social networks. *Proceedings of the Royal Society B: Biological Sciences*, **2011**, 278, 42-9	4.4	243
534	Promotion of cooperation induced by appropriate payoff aspirations in a small-world networked game. *Physical Review E*, **2008**, 77, 017103	2.4	239
533	Consensus of Hybrid Multi-Agent Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1359-1365	10.3	217
532	The fundamental advantages of temporal networks. *Science*, **2017**, 358, 1042-1046	33.3	197

531	Controllability of a Leader–Follower Dynamic Network With Switching Topology. *IEEE Transactions on Automatic Control*, **2008**, 53, 1009-1013	5.9	195
530	Sampled-Data Based Consensus of Continuous-Time Multi-Agent Systems With Time-Varying Topology. *IEEE Transactions on Automatic Control*, **2011**, 56, 1226-1231	5.9	192
529	Consensus protocols for discrete-time multi-agent systems with time-varying delays. *Automatica*, **2008**, 44, 2577-2582	5.7	191
528	Finite-time consensus of heterogeneous multi-agent systems with and without velocity measurements. *Systems and Control Letters*, **2012**, 61, 871-878	2.4	187
527	Controllability and stabilizability of switched linear-systems. *Systems and Control Letters*, **2003**, 48, 135-155	2.4	173
526	Stability Analysis for Continuous-Time Positive Systems With Time-Varying Delays. *IEEE Transactions on Automatic Control*, **2010**, 55, 1024-1028	5.9	165
525	Partner switching stabilizes cooperation in coevolutionary prisoner's dilemma. *Physical Review E*, **2009**, 79, 036101	2.4	163
524	Leader-following formation control of multiple mobile vehicles. *IET Control Theory and Applications*, **2007**, 1, 545-552	2.5	160
523	Consensus problems for high-dimensional multi-agent systems. *IET Control Theory and Applications*, **2007**, 1, 830-837	2.5	152
522	Robust fault detection with missing measurements. *International Journal of Control*, **2008**, 81, 804-819	1.5	146
521	Containment control of heterogeneous multi-agent systems. *International Journal of Control*, **2014**, 87, 1-8	1.5	142
520	Workload-based multi-task scheduling in cloud manufacturing. *Robotics and Computer-Integrated Manufacturing*, **2017**, 45, 3-20	9.2	140
519	Evolutionary Prisoner's Dilemma on heterogeneous Newman-Watts small-world network. *European Physical Journal B*, **2007**, 56, 367-372	1.2	132
518	Stabilization of switched linear systems with time-delay in detection of switching signal. *Journal of Mathematical Analysis and Applications*, **2005**, 305, 277-290	1.1	130
517	Group consensus of multi-agent systems with directed information exchange. *International Journal of Systems Science*, **2012**, 43, 334-348	2.3	124
516	Virtual leader approach to coordinated control of multiple mobile agents with asymmetric interactions. *Physica D: Nonlinear Phenomena*, **2006**, 213, 51-65	3.3	123
515	Evolution of in-group favoritism. *Scientific Reports*, **2012**, 2, 460	4.9	121
514	Evolution of cooperation on stochastic dynamical networks. *PLoS ONE*, **2010**, 5, e11187	3.7	120

513	Containment of linear multi-agent systems under general interaction topologies. *Systems and Control Letters*, **2012**, 61, 528-534	2.4	118
512	Necessary and sufficient conditions for solving consensus problems of double-integrator dynamics via sampled control. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 1706-1722	3.6	117
511	Finite-time information consensus for multi-agent systems with fixed and switching topologies. *Physica D: Nonlinear Phenomena*, **2009**, 238, 1550-1560	3.3	116
510	Containment control for second-order multi-agent systems with time-varying delays. *Systems and Control Letters*, **2014**, 67, 24-31	2.4	114
509	Consensus for multi-agent systems with inherent nonlinear dynamics under directed topologies. *Systems and Control Letters*, **2013**, 62, 152-162	2.4	114
508	Stability Analysis of Positive Systems With Bounded Time-Varying Delays. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2009**, 56, 600-604	3.5	109
507	Consensus of linear multi-agent systems via event-triggered control. *International Journal of Control*, **2014**, 87, 1243-1251	1.5	108
506	Universality of weak selection. *Physical Review E*, **2010**, 82, 046106	2.4	108
505	Social dilemmas in an online social network: The structure and evolution of cooperation. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 371, 58-64	2.3	102
504	Consensus of Switched Multiagent Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2016**, 63, 314-318	3.5	101
503	Event-Based Second-Order Consensus Control for Multi-Agent Systems via Synchronous Periodic Event Detection. *IEEE Transactions on Automatic Control*, **2015**, 60, 2452-2457	5.9	99
502	Consensus of multi-agent systems based on sampled-data control. *International Journal of Control*, **2009**, 82, 2193-2205	1.5	98
501	Empirical analysis of online social networks in the age of Web 2.0. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 675-684	3.3	97
500	Necessary and sufficient conditions for controllability and observability of switched impulsive control systems. *IEEE Transactions on Automatic Control*, **2004**, 49, 960-966	5.9	97
499	Leader-Following Consensus for Linear and Lipschitz Nonlinear Multiagent Systems With Quantized Communication. *IEEE Transactions on Cybernetics*, **2017**, 47, 1970-1982	10.2	96
498	Consensus of heterogeneous multi-agent systems without velocity measurements. *International Journal of Control*, **2012**, 85, 906-914	1.5	95
497	Distributed consensus of heterogeneous multi-agent systems with fixed and switching topologies. *International Journal of Control*, **2012**, 85, 1967-1976	1.5	95
496	Interaction stochasticity supports cooperation in spatial Prisoner's dilemma. *Physical Review E*, **2008**, 78, 051120	2.4	92

495	Consensus seeking of high-order dynamic multi-agent systems with fixed and switching topologies. *International Journal of Control*, **2010**, 83, 404-420	1.5	89
494	Consensus problems in networks of agents with double-integrator dynamics and time-varying delays. *International Journal of Control*, **2009**, 82, 1937-1945	1.5	87
493	Stabilization of Networked Control Systems with Data Packet Dropout and Transmission Delays: Continuous-Time Case. *European Journal of Control*, **2005**, 11, 40-49	2.5	85
492	Delay-dependent robust stability and H control for uncertain discrete-time switched systems with mode-dependent time delays. *Applied Mathematics and Computation*, **2007**, 187, 1228-1237	2.7	83
491	Controllability of switched linear systems. *IEEE Transactions on Automatic Control*, **2002**, 47, 1401-1405	5.9	83
490	Aspiration dynamics of multi-player games in finite populations. *Journal of the Royal Society Interface*, **2014**, 11, 20140077	4.1	81
489	**2009**,		81
488	LMI approach to L2-gain analysis and control synthesis of uncertain switched systems. *IET Control Theory and Applications*, **2004**, 151, 21-28		81
487	Evolution of cooperation driven by reputation-based migration. *PLoS ONE*, **2012**, 7, e35776	3.7	80
486	Emergence of social cooperation in threshold public goods games with collective risk. *Physical Review E*, **2009**, 80, 016101	2.4	78
485	Delay-dependent robust stability and stabilization for discrete-time switched systems with mode-dependent time-varying delays. *Applied Mathematics and Computation*, **2006**, 180, 428-435	2.7	76
484	Delay-dependent robust stability and control for jump linear systems with delays. *Systems and Control Letters*, **2006**, 55, 939-948	2.4	75
483	Complex emergent dynamics of anisotropic swarms: Convergence vs oscillation. *Chaos, Solitons and Fractals*, **2006**, 30, 875-885	9.3	74
482	Evolutionary dynamics on graphs: Efficient method for weak selection. *Physical Review E*, **2009**, 79, 046707	2.4	72
481	Second-order consensus of hybrid multi-agent systems. *Systems and Control Letters*, **2019**, 125, 51-58	2.4	68
480	How small are small mutation rates?. *Journal of Mathematical Biology*, **2012**, 64, 803-27	2	68
479	Social exclusion in finite populations. *Physical Review E*, **2015**, 91, 042810	2.4	67
478	Coevolutionary dynamics of opinions and networks: from diversity to uniformity. *Physical Review E*, **2008**, 78, 016104	2.4	67

477	Sampled-data stabilisation of networked control systems with nonlinearity. *IET Control Theory and Applications*, **2005**, 152, 609-614		66
476	Consensus for heterogeneous multi-agent systems under fixed and switching topologies. *Journal of the Franklin Institute*, **2015**, 352, 3670-3683	4	65
475	LQR-based optimal topology of leader-following consensus. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 3404-3421	3.6	64
474	Fuzzy-Logic-Based Terrain Identification with Multisensor Fusion for Transtibial Amputees. *IEEE/ASME Transactions on Mechatronics*, **2015**, 20, 618-630	5.5	63
473	On stability of a class of switched nonlinear systems. *Automatica*, **2013**, 49, 305-307	5.7	62
472	Vision-Based Target Tracking and Collision Avoidance for Two Autonomous Robotic Fish. *IEEE Transactions on Industrial Electronics*, **2009**, 56, 1401-1410	8.9	61
471	Constrained Control of Positive Discrete-Time Systems With Delays. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2008**, 55, 193-197	3.5	61
470	Coordinated collective motion in a motile particle group with a leader. *Physica A: Statistical Mechanics and Its Applications*, **2005**, 351, 211-226	3.3	61
469	Effects of heterogeneous wealth distribution on public cooperation with collective risk. *Physical Review E*, **2010**, 82, 016102	2.4	60
468	Locomotion mode classification using a wearable capacitive sensing system. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2013**, 21, 744-55	4.8	59
467	Social tolerance allows cooperation to prevail in an adaptive environment. *Physical Review E*, **2009**, 80, 051104	2.4	59
466	Moving formation convergence of a group of mobile robots via decentralised information feedback. *International Journal of Systems Science*, **2009**, 40, 1019-1027	2.3	59
465	. *IEEE/ASME Transactions on Mechatronics*, **2015**, 20, 1372-1383	5.5	58
464	. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 4797-4807	8.9	58
463	Imperfect vaccine aggravates the long-standing dilemma of voluntary vaccination. *PLoS ONE*, **2011**, 6, e20577	3.7	58
462	Reachability realization and stabilizability of switched linear discrete-time systems. *Journal of Mathematical Analysis and Applications*, **2003**, 280, 209-220	1.1	57
461	A new approach to consensus problems in discrete-time multiagent systems with time-delays. *Science in China Series F: Information Sciences*, **2007**, 50, 625-635		56
460	Partner selections in public goods games with constant group size. *Physical Review E*, **2009**, 80, 026121	2.4	55

459	Controllability of switching networks of multi-agent systems. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 630-644	3.6	54
458	Probabilistic interconnection between interdependent networks promotes cooperation in the public goods game. *Journal of Statistical Mechanics: Theory and Experiment*, **2012**, 2012, P11017	1.9	54
457	Decentralized stabilizability of multi-agent systems under fixed and switching topologies. *Systems and Control Letters*, **2013**, 62, 438-446	2.4	53
456	Aspiration-based learning promotes cooperation in spatial prisoner's dilemma games. *Europhysics Letters*, **2011**, 94, 60002	1.6	52
455	Promotion of cooperation induced by the interplay between structure and game dynamics. *Physica A: Statistical Mechanics and Its Applications*, **2007**, 383, 651-659	3.3	52
454	Expectation-driven migration promotes cooperation by group interactions. *Physical Review E*, **2012**, 85, 066104	2.4	51
453	Win-stay-lose-learn promotes cooperation in the spatial prisoner's dilemma game. *PLoS ONE*, **2012**, 7, e30689	3.7	51
452	A noncontact capacitive sensing system for recognizing locomotion modes of transtibial amputees. *IEEE Transactions on Biomedical Engineering*, **2014**, 61, 2911-20	5	50
451	Controllability of multi-agent systems based on agreement protocols. *Science in China Series F: Information Sciences*, **2009**, 52, 2074-2088		50
450	Consensus of multiple double-integrator agents with intermittent measurement. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 1140-1155	3.6	50
449	Prisoner's Dilemma on community networks. *Physica A: Statistical Mechanics and Its Applications*, **2007**, 378, 512-518	3.3	49
448	Consensus of Multiagent Systems With Distance-Dependent Communication Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 2712-2726	10.3	48
447	Adaptive task assignment for multiple mobile robots via swarm intelligence approach. *Robotics and Autonomous Systems*, **2007**, 55, 572-588	3.5	47
446	Controllability of heterogeneous multi-agent systems under directed and weighted topology. *International Journal of Control*, **2016**, 89, 1009-1024	1.5	46
445	Walk the Walk: A Lightweight Active Transtibial Prosthesis. *IEEE Robotics and Automation Magazine*, **2015**, 22, 80-89	3.4	46
444	Passive dynamic walking with flat feet and ankle compliance. *Robotica*, **2010**, 28, 413-425	2.1	46
443	. *IEEE Transactions on Automatic Control*, **2014**, 59, 756-762	5.9	45
442	Flocking of multi-agent systems with a dynamic virtual leader. *International Journal of Control*, **2009**, 82, 43-58	1.5	45

441	Self-organized motion in anisotropic swarms. *Journal of Control Theory and Applications*, **2003**, 1, 77-81		45
440	Evolutionary dynamics of general group interactions in structured populations. *Physical Review E*, **2016**, 93, 022407	2.4	44
439	Consensus of high-order dynamic multi-agent systems with switching topology and time-varying delays. *Journal of Control Theory and Applications*, **2010**, 8, 52-60		44
438	Consensus of multiple dynamic agents with sampled information. *IET Control Theory and Applications*, **2010**, 4, 945-956	2.5	44
437	Development of an artificial fish-like robot and its application in cooperative transportation. *Control Engineering Practice*, **2008**, 16, 569-584	3.9	44
436	Impact of generalized benefit functions on the evolution of cooperation in spatial public goods games with continuous strategies. *Physical Review E*, **2012**, 85, 066133	2.4	43
435	Controllability of multi-agent systems under directed topology. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 4333-4347	3.6	42
434	Asynchronous consensus of continuous-time multi-agent systems with intermittent measurements. *International Journal of Control*, **2010**, 83, 552-562	1.5	42
433	Finite-time consensus for stochastic multi-agent systems. *International Journal of Control*, **2011**, 84, 1644-1652	1.5	42
432	Geometric Optimization of Relative Link Lengths for Biomimetic Robotic Fish **2007**, 23, 382-386		42
431	Connectivity preservation for multi-agent rendezvous with link failure. *Automatica*, **2012**, 48, 25-35	5.7	41
430	Finite-time weighted average consensus with respect to a monotonic function and its application. *Systems and Control Letters*, **2011**, 60, 718-725	2.4	41
429	Diversity of contribution promotes cooperation in public goods games. *Physica A: Statistical Mechanics and Its Applications*, **2010**, 389, 3166-3171	3.3	41
428	Promoting cooperation by local contribution under stochastic win-stay-lose-shift mechanism. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 5609-5615	3.3	41
427	Consensus problems in discrete-time multiagent systems with fixed topology. *Journal of Mathematical Analysis and Applications*, **2006**, 322, 587-598	1.1	41
426	Mechanical design and motion control of a biomimetic robotic dolphin. *Advanced Robotics*, **2007**, 21, 499-513	1.7	41
425	Linear matrix inequality approach to quadratic stabilisation of switched systems. *IET Control Theory and Applications*, **2004**, 151, 289-294		41
424	Controllability and observability of a class of linear impulsive systems. *Journal of Mathematical Analysis and Applications*, **2005**, 304, 336-355	1.1	41

423	On Synchronization of Dynamical Systems Over Directed Switching Topologies: An Algebraic and Geometric Perspective. *IEEE Transactions on Automatic Control*, **2020**, 65, 5083-5098	5.9	40
422	Cooperation enhanced by moderate tolerance ranges in myopically selective interactions. *Physical Review E*, **2009**, 80, 046109	2.4	40
421	Social influence promotes cooperation in the public goods game. *Physica A: Statistical Mechanics and Its Applications*, **2014**, 413, 86-93	3.3	39
420	Consensus in networked multi-agent systems via sampled control: Switching topology case **2009**,		39
419	Turning Control of a Multilink Biomimetic Robotic Fish **2008**, 24, 201-206		39
418	Design of switching sequences for controllability realization of switched linear systems. *Automatica* , **2007**, 43, 662-668	5.7	39
417	Quadratic stabilization of switched systems. *International Journal of Systems Science*, **2005**, 36, 395-404	2.3	39
416	A distributed algorithm for efficiently solving linear equations and its applications (Special Issue JCW). *Systems and Control Letters*, **2016**, 91, 21-27	2.4	38
415	Reputation-based mutual selection rule promotes cooperation in spatial threshold public goods games. *Chaos, Solitons and Fractals*, **2013**, 56, 181-187	9.3	38
414	Individual's expulsion to nasty environment promotes cooperation in public goods games. *Europhysics Letters*, **2009**, 88, 30011	1.6	38
413	Swarming behavior of multi-agent systems. *Journal of Control Theory and Applications*, **2004**, 2, 313-318		38
412	Distributed Algorithms for Searching Generalized Nash Equilibrium of Noncooperative Games. *IEEE Transactions on Cybernetics*, **2019**, 49, 2362-2371	10.2	38
411	Evolutionary dynamics of cooperation on interdependent networks with the Prisoner's Dilemma and Snowdrift Game. *Europhysics Letters*, **2014**, 107, 58006	1.6	37
410	Adaptive role switching promotes fairness in networked ultimatum game. *Scientific Reports*, **2013**, 3, 1550	4.9	37
409	Dolphin-like propulsive mechanism based on an adjustable Scotch yoke. *Mechanism and Machine Theory*, **2009**, 44, 603-614	4	37
408	A novel group consensus protocol for heterogeneous multi-agent systems. *International Journal of Control*, **2015**, 88, 2347-2353	1.5	36
407	Evolutionary dynamics of N-person snowdrift game. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2015**, 379, 2922-2934	2.3	36
406	Periodic Event-Triggered Consensus With Quantization. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2016**, 63, 406-410	3.5	36

405	On Controllability of Switched Linear Systems. *IEEE Transactions on Automatic Control*, **2008**, 53, 796-801	5.9	36
404	Robust H∞ Control and Stabilization of Uncertain Switched Linear Systems: A Multiple Lyapunov Functions Approach. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2006**, 128, 696-700	1.6	36
403	Dynamic behavior of discrete-time multiagent systems with general communication structures. *Physica A: Statistical Mechanics and Its Applications*, **2006**, 370, 364-380	3.3	36
402	Influence of different initial distributions on robust cooperation in scale-free networks: A comparative study. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2008**, 372, 1161-1167	2.3	35
401	Interactive diversity promotes the evolution of cooperation in structured populations. *New Journal of Physics*, **2016**, 18, 103007	2.9	34
400	Salient Object Detection via Two-Stage Graphs. *IEEE Transactions on Circuits and Systems for Video Technology*, **2019**, 29, 1023-1037	6.4	34
399	Adaptive Slope Walking With a Robotic Transtibial Prosthesis Based on Volitional EMG Control. *IEEE/ASME Transactions on Mechatronics*, **2015**, 20, 2146-2157	5.5	33
398	Distributed event-triggered consensus for multi-agent systems with quantisation. *International Journal of Control*, **2015**, 88, 1112-1122	1.5	33
397	Asynchronous Periodic Edge-Event Triggered Control for Double-Integrator Networks With Communication Time Delays. *IEEE Transactions on Cybernetics*, **2018**, 48, 675-688	10.2	33
396	Cooperation with both synergistic and local interactions can be worse than each alone. *Scientific Reports*, **2014**, 4, 5536	4.9	33
395	Heterogeneity of allocation promotes cooperation in public goods games. *Physica A: Statistical Mechanics and Its Applications*, **2010**, 389, 4708-4714	3.3	33
394	Controllability of multi-agent systems with directed and weighted signed networks. *Systems and Control Letters*, **2018**, 116, 47-55	2.4	32
393	Aspiration dynamics in structured population acts as if in a well-mixed one. *Scientific Reports*, **2015**, 5, 8014	4.9	32
392	Consensus for multi-agent systems under double integrator dynamics with time-varying communication delays. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 1881-1898	3.6	32
391	The coevolutionary ultimatum game. *Europhysics Letters*, **2011**, 93, 48003	1.6	32
390	Note on asymptotic stability of a class of neutral differential equations. *Applied Mathematics Letters*, **2006**, 19, 949-953	3.5	32
389	Observability of Multi-Agent Systems With Switching Topology. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2017**, 64, 1317-1321	3.5	31
388	Tolerance-based punishment in continuous public goods game. *Physica A: Statistical Mechanics and Its Applications*, **2012**, 391, 4111-4120	3.3	31

387	Evolution of interactions and cooperation in the spatial prisoner's dilemma game. *PLoS ONE*, **2011**, 6, e26724	3.7	31
386	Evolution of cooperation in multilevel public goods games with community structures. *Europhysics Letters*, **2011**, 93, 58001	1.6	31
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384	Finite-time consensus of multiple second-order dynamic agents without velocity measurements. *International Journal of Systems Science*, **2014**, 45, 579-588	2.3	30
383	Adaptive and bounded investment returns promote cooperation in spatial public goods games. *PLoS ONE*, **2012**, 7, e36895	3.7	30
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381	Effects of cost threshold and noise in spatial snowdrift games with fixed multi-person interactions. *Europhysics Letters*, **2010**, 90, 38003	1.6	30
380	Stabilization of Switched Linear Systems with Time-Varying Delay in Switching Occurrence Detection. *Circuits, Systems, and Signal Processing*, **2007**, 26, 361-377	2.2	30
379	Evolutionary dynamics with game transitions. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 25398-25404	11.5	30
378	Angle-based shape determination theory of planar graphs with application to formation stabilization. *Automatica*, **2019**, 105, 117-129	5.7	29
377	Structural controllability of multi-agent systems with absolute protocol under fixed and switching topologies. *Science China Information Sciences*, **2017**, 60, 1	3.4	29
376	Cooperation in group-structured populations with two layers of interactions. *Scientific Reports*, **2015**, 5, 17446	4.9	29
375	One step memory of group reputation is optimal to promote cooperation in public goods games. *Europhysics Letters*, **2013**, 103, 30007	1.6	28
374	A tale of two contribution mechanisms for nonlinear public goods. *Scientific Reports*, **2013**, 3, 2021	4.9	28
373	Beyond pairwise strategy updating in the prisoner's dilemma game. *Scientific Reports*, **2012**, 2, 740	4.9	28
372	Periodic stabilizability of switched linear control systems. *Automatica*, **2009**, 45, 2141-2148	5.7	28
371	Partial state consensus for networks of second-order dynamic agents. *Systems and Control Letters*, **2010**, 59, 775-781	2.4	28
370	Development of Multi-mode Biomimetic Robotic Fish Based on Central Pattern Generator **2006**,		28

369	Some applications of small gain theorem to interconnected systems. *Systems and Control Letters*, **2004**, 52, 263-273	2.4	27
368	Aspiration dynamics and the sustainability of resources in the public goods dilemma. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2016**, 380, 1432-1436	2.3	26
367	Opinion dynamics in social networks with stubborn agents: An issue-based perspective. *Automatica*, **2018**, 96, 213-223	5.7	26
366	Flocking of multi-agent systems with multiple groups. *International Journal of Control*, **2014**, 87, 2573-2583	1.5	26
365	Necessary and sufficient asymptotic stability criterion for 2-D positive systems with time-varying state delays described by Roesser model. *IET Control Theory and Applications*, **2011**, 5, 663-668	2.5	26
364	Output feedback stabilisation of networked control systems via switched system approach. *International Journal of Control*, **2009**, 82, 1665-1677	1.5	26
363	Exponential stability of switched systems with interval time-varying delay. *IET Control Theory and Applications*, **2009**, 3, 1033-1040	2.5	26
362	Equilibrium topology of multi-agent systems with two leaders: A zero-sum game perspective. *Automatica*, **2016**, 73, 200-206	5.7	25
361	Time scales in evolutionary game on adaptive networks. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2014**, 378, 950-955	2.3	25
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359	The coevolution of overconfidence and bluffing in the resource competition game. *Scientific Reports*, **2016**, 6, 21104	4.9	25
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357	Random allocation of pies promotes the evolution of fairness in the Ultimatum Game. *Scientific Reports*, **2014**, 4, 4534	4.9	24
356	Consensus in leaderless networks of high-order-integrator agents **2009**,		24
355	Development and target following of vision-based autonomous robotic fish. *Robotica*, **2009**, 27, 1075-1089	2.1	24
354	Memory-based prisoner's dilemma on square lattices. *Physica A: Statistical Mechanics and Its Applications*, **2010**, 389, 2390-2396	3.3	24
353	Modelling and control of networked systems via jump system approach. *IET Control Theory and Applications*, **2008**, 2, 535-541	2.5	24
352	Containment control of switched multi-agent systems. *International Journal of Control*, **2015**, 88, 2570-2577	1.5	23

351	Controllability of discrete-time multi-agent systems with directed topology and input delay. *International Journal of Control*, **2016**, 89, 179-192	1.5	23
350	H□consensus of second-order multi-agent systems with asymmetric delays. *Systems and Control Letters*, **2012**, 61, 857-862	2.4	23
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