

Kwang-hyun Cho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5927485/publications.pdf>

Version: 2024-02-01

147
papers

4,316
citations

87888

38
h-index

144013

57
g-index

150
all docs

150
docs citations

150
times ranked

5332
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Analysis Identifies Regulators of Basal-Like Breast Cancer Reprogramming and Endocrine Therapy Vulnerability. <i>Cancer Research</i> , 2022, 82, 320-333.	0.9	15
2	The hidden community architecture of human brain networks. <i>Scientific Reports</i> , 2022, 12, 3540.	3.3	1
3	PRRX1 is a master transcription factor of stromal fibroblasts for myofibroblastic lineage progression. <i>Nature Communications</i> , 2022, 13, 2793.	12.8	27
4	A logical network-based drug-screening platform for Alzheimer's disease representing pathological features of human brain organoids. <i>Nature Communications</i> , 2021, 12, 280.	12.8	88
5	A Low-Power Timing-Error-Tolerant Circuit by Controlling a Clock. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2021, 29, 512-518.	3.1	2
6	Systems biology for reverse aging. <i>Aging</i> , 2021, 13, 14549-14551.	3.1	0
7	Stabilizing Control of Complex Biological Networks Based on Attractor-Specific Network Reduction. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 928-939.	3.7	6
8	Identifying molecular targets for reverse aging using integrated network analysis of transcriptomic and epigenomic changes during aging. <i>Scientific Reports</i> , 2021, 11, 12317.	3.3	8
9	Systems analysis identifies endothelin 1 axis blockade for enhancing the anti-tumor effect of multikinase inhibitor. <i>Cancer Gene Therapy</i> , 2021, , .	4.6	4
10	Discrete event dynamic modeling and analysis of the democratic progress in a society controlled by networked agents. <i>IEEE Transactions on Automatic Control</i> , 2021, , 1-1.	5.7	1
11	Achieving a global objective with competing networked agents in the framework of discrete event systems. <i>International Journal of Control</i> , 2020, 93, 889-897.	1.9	1
12	Network Inference Analysis Identifies SETDB1 as a Key Regulator for Reverting Colorectal Cancer Cells into Differentiated Normal-Like Cells. <i>Molecular Cancer Research</i> , 2020, 18, 118-129.	3.4	23
13	Inhibition of 3-phosphoinositide-dependent protein kinase 1 (PDK1) can revert cellular senescence in human dermal fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31535-31546.	7.1	31
14	A Systems Biology Approach to Identifying a Master Regulator That Can Transform the Fast Growing Cellular State to a Slowly Growing One in Early Colorectal Cancer Development Model. <i>Frontiers in Genetics</i> , 2020, 11, 570546.	2.3	12
15	Precision Medicine: Realizing Cancer Precision Medicine by Integrating Systems Biology and Nanomaterial Engineering (<i>Adv. Mater.</i> 35/2020). <i>Advanced Materials</i> , 2020, 32, 2070265.	21.0	0
16	Boolean Feedforward Neural Network Modeling of Molecular Regulatory Networks for Cellular State Conversion. <i>Frontiers in Physiology</i> , 2020, 11, 594151.	2.8	1
17	Feedback analysis identifies a combination target for overcoming adaptive resistance to targeted cancer therapy. <i>Oncogene</i> , 2020, 39, 3803-3820.	5.9	14
18	Cotargeting <i>BET</i> proteins overcomes resistance arising from <i>PI3K</i> / <i>mTOR</i> blockade-induced protumorigenic senescence in colorectal cancer. <i>International Journal of Cancer</i> , 2020, 147, 2824-2837.	5.1	6

#	ARTICLE	IF	CITATIONS
19	Realizing Cancer Precision Medicine by Integrating Systems Biology and Nanomaterial Engineering. <i>Advanced Materials</i> , 2020, 32, e1906783.	21.0	21
20	Coupled feedback regulation of nuclear factor of activated T-cells (NFAT) modulates activation-induced cell death of T cells. <i>Scientific Reports</i> , 2019, 9, 10637.	3.3	8
21	Locally Activating TrkB Receptor Generates Actin Waves and Specifies Axonal Fate. <i>Cell Chemical Biology</i> , 2019, 26, 1652-1663.e4.	5.2	26
22	Minimal intervening control of biomolecular networks leading to a desired cellular state. <i>Scientific Reports</i> , 2019, 9, 13124.	3.3	12
23	Signal flow control of complex signaling networks. <i>Scientific Reports</i> , 2019, 9, 14289.	3.3	6
24	The Hidden Control Architecture of Complex Brain Networks. <i>IScience</i> , 2019, 13, 154-162.	4.1	15
25	Transient-error correction system with real-time logic switching inspired from attractor-conversion characteristics of a cancer cell. <i>Microelectronics Reliability</i> , 2019, 96, 51-59.	1.7	0
26	Systems analysis identifies potential target genes to overcome cetuximab resistance in colorectal cancer cells. <i>FEBS Journal</i> , 2019, 286, 1305-1318.	4.7	31
27	Topological estimation of signal flow in complex signaling networks. <i>Scientific Reports</i> , 2018, 8, 5262.	3.3	13
28	Attractor landscape analysis of the cardiac signaling network reveals mechanism-based therapeutic strategies for heart failure. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 180-194.	3.3	7
29	Combined Positive and Negative Feedback Allows Modulation of Neuronal Oscillation Frequency during Sensory Processing. <i>Cell Reports</i> , 2018, 25, 1548-1560.e3.	6.4	24
30	Global Stabilization of Boolean Networks to Control the Heterogeneity of Cellular Responses. <i>Frontiers in Physiology</i> , 2018, 9, 774.	2.8	8
31	Determining Relative Dynamic Stability of Cell States Using Boolean Network Model. <i>Scientific Reports</i> , 2018, 8, 12077.	3.3	43
32	Efficient harmonic peak detection of vowel sounds for enhanced voice activity detection. <i>IET Signal Processing</i> , 2018, 12, 975-982.	1.5	4
33	A positive feedback loop bi-stably activates fibroblasts. <i>Nature Communications</i> , 2018, 9, 3016.	12.8	82
34	The phenotype control kernel of a biomolecular regulatory network. <i>BMC Systems Biology</i> , 2018, 12, 49.	3.0	13
35	Predicting epileptic seizures from scalp EEG based on attractor state analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 143, 75-87.	4.7	101
36	Cancer reversion, a renewed challenge in systems biology. <i>Current Opinion in Systems Biology</i> , 2017, 2, 49-58.	2.6	12

#	ARTICLE	IF	CITATIONS
37	Protein disulfide isomerase inhibition synergistically enhances the efficacy of sorafenib for hepatocellular carcinoma. <i>Hepatology</i> , 2017, 66, 855-868.	7.3	35
38	Context-independent essential regulatory interactions for apoptosis and hypertrophy in the cardiac signaling network. <i>Scientific Reports</i> , 2017, 7, 34.	3.3	11
39	Inhibitory Basal Ganglia Inputs Induce Excitatory Motor Signals in the Thalamus. <i>Neuron</i> , 2017, 95, 1181-1196.e8.	8.1	89
40	Percolation transition of cooperative mutational effects in colorectal tumorigenesis. <i>Nature Communications</i> , 2017, 8, 1270.	12.8	28
41	Quantitative evaluation and reversion analysis of the attractor landscapes of an intracellular regulatory network for colorectal cancer. <i>BMC Systems Biology</i> , 2017, 11, 45.	3.0	27
42	Self-Repairing Digital System Based on State Attractor Convergence Inspired by the Recovery Process of a Living Cell. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2017, 25, 648-659.	3.1	10
43	Network dynamics-based cancer panel stratification for systemic prediction of anticancer drug response. <i>Nature Communications</i> , 2017, 8, 1940.	12.8	36
44	A novel interaction perturbation analysis reveals a comprehensive regulatory principle underlying various biochemical oscillators. <i>BMC Systems Biology</i> , 2017, 11, 95.	3.0	5
45	Minimal systems analysis of mitochondria-dependent apoptosis induced by cisplatin. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 367.	1.2	4
46	Brain-inspired speech segmentation for automatic speech recognition using the speech envelope as a temporal reference. <i>Scientific Reports</i> , 2016, 6, 37647.	3.3	8
47	An efficient algorithm for identifying primary phenotype attractors of a large-scale Boolean network. <i>BMC Systems Biology</i> , 2016, 10, 95.	3.0	15
48	Power-based supervisory control theory of hybrid systems and its application to the analysis of financial crisis. <i>IET Control Theory and Applications</i> , 2016, 10, 780-788.	2.1	3
49	The reverse control of irreversible biological processes. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 366-377.	6.6	26
50	Cover Image, Volume 8, Issue 5. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, i-i.	6.6	0
51	Attractor landscape analysis of colorectal tumorigenesis and its reversion. <i>BMC Systems Biology</i> , 2016, 10, 96.	3.0	47
52	Robustness Analysis of Network Modularity. <i>IEEE Transactions on Control of Network Systems</i> , 2016, 3, 348-357.	3.7	8
53	Systems biological approaches to the cardiac signaling network. <i>Briefings in Bioinformatics</i> , 2016, 17, 419-428.	6.5	8
54	A Regulated Double-Negative Feedback Decodes the Temporal Gradient of Input Stimulation in a Cell Signaling Network. <i>PLoS ONE</i> , 2016, 11, e0162153.	2.5	3

#	ARTICLE	IF	CITATIONS
55	Biphasic activation of extracellular signal-regulated kinase (ERK) 1/2 in epidermal growth factor (EGF)-stimulated SW480 colorectal cancer cells. <i>BMB Reports</i> , 2016, 49, 220-225.	2.4	12
56	A systems-biological study on the identification of safe and effective molecular targets for the reduction of ultraviolet B-induced skin pigmentation. <i>Scientific Reports</i> , 2015, 5, 10305.	3.3	19
57	An Efficient Steady-State Analysis Method for Large Boolean Networks with High Maximum Node Connectivity. <i>PLoS ONE</i> , 2015, 10, e0145734.	2.5	9
58	Network-based identification of feedback modules that control RhoA activity and cell migration. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 242-252.	3.3	20
59	Evolutionary design of complex digital circuits based on hierarchical module composition and predominant component prevention. <i>Electronics Letters</i> , 2015, 51, 1568-1570.	1.0	2
60	Silence on the relevant literature and errors in implementation. <i>Nature Biotechnology</i> , 2015, 33, 336-339.	17.5	14
61	Identification of Gene Networks with Time Delayed Regulation Based on Temporal Expression Profiles. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 12, 1161-1168.	3.0	2
62	Analyses of the TCR repertoire of MHC class II-restricted innate CD4+ T cells. <i>Experimental and Molecular Medicine</i> , 2015, 47, e154-e154.	7.7	5
63	Precritical State Transition Dynamics in the Attractor Landscape of a Molecular Interaction Network Underlying Colorectal Tumorigenesis. <i>PLoS ONE</i> , 2015, 10, e0140172.	2.5	12
64	MLK3 Is Part of a Feedback Mechanism That Regulates Different Cellular Responses to Reactive Oxygen Species. <i>Science Signaling</i> , 2014, 7, ra52.	3.6	45
65	Robustness and Evolvability of the Human Signaling Network. <i>PLoS Computational Biology</i> , 2014, 10, e1003763.	3.2	23
66	The hidden switches underlying ROR β -mediated circuits that critically regulate uncontrolled cell proliferation. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 338-348.	3.3	27
67	The switching role of β -adrenergic receptor signalling in cell survival or death decision of cardiomyocytes. <i>Nature Communications</i> , 2014, 5, 5777.	12.8	59
68	The APC Network Regulates the Removal of Mutated Cells from Colonic Crypts. <i>Cell Reports</i> , 2014, 7, 94-103.	6.4	19
69	Heterozygous mutations in cyclic AMP phosphodiesterase-4D (PDE4D) and protein kinase A (PKA) provide new insights into the molecular pathology of acrodysostosis. <i>Cellular Signalling</i> , 2014, 26, 2446-2459.	3.6	56
70	A design principle underlying the paradoxical roles of E3 ubiquitin ligases. <i>Scientific Reports</i> , 2014, 4, 5573.	3.3	8
71	A novel prognostic factor for hepatocellular carcinoma: protein disulfide isomerase. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 580.	1.7	16
72	Impaired coupling of local and global functional feedbacks underlies abnormal synchronization and negative symptoms of schizophrenia. <i>BMC Systems Biology</i> , 2013, 7, 30.	3.0	9

#	ARTICLE	IF	CITATIONS
73	Discovery of a kernel for controlling biomolecular regulatory networks. <i>Scientific Reports</i> , 2013, 3, 2223.	3.3	93
74	Small-world networks in individuals at ultra-high risk for psychosis and first-episode schizophrenia during a working memory task. <i>Neuroscience Letters</i> , 2013, 535, 35-39.	2.1	25
75	Self-Repairing Digital System With Unified Recovery Process Inspired by Endocrine Cellular Communication. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2013, 21, 1027-1040.	3.1	18
76	Biphasic RLR ϵ IFN- γ Response Controls the Balance between Antiviral Immunity and Cell Damage. <i>Journal of Immunology</i> , 2013, 190, 1192-1200.	0.8	27
77	Recurrent connections form a phase-locking neuronal tuner for frequency-dependent selective communication. <i>Scientific Reports</i> , 2013, 3, 2519.	3.3	9
78	Signaling networks, network pathology and computational chemotherapy. <i>Oncotarget</i> , 2013, 4, 178-179.	1.8	0
79	The core regulation module of stress-responsive regulatory networks in yeast. <i>Nucleic Acids Research</i> , 2012, 40, 8793-8802.	14.5	18
80	The co-regulation mechanism of transcription factors in the human gene regulatory network. <i>Nucleic Acids Research</i> , 2012, 40, 8849-8861.	14.5	26
81	The crossregulation between ERK and PI3K signaling pathways determines the tumoricidal efficacy of MEK inhibitor. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 153-163.	3.3	65
82	Attractor Landscape Analysis Reveals Feedback Loops in the p53 Network That Control the Cellular Response to DNA Damage. <i>Science Signaling</i> , 2012, 5, ra83.	3.6	146
83	A Hierarchical Self-Repairing Architecture for Fast Fault Recovery of Digital Systems Inspired From Paralogous Gene Regulatory Circuits. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2012, 20, 2315-2328.	3.1	26
84	Cooperative Activation of PI3K by Ras and Rho Family Small GTPases. <i>Molecular Cell</i> , 2012, 47, 281-290.	9.7	146
85	Spatiotemporal network motif reveals the biological traits of developmental gene regulatory networks in <i>Drosophila melanogaster</i> . <i>BMC Systems Biology</i> , 2012, 6, 31.	3.0	20
86	The regulatory circuits for hysteretic switching in cellular signal transduction pathways. <i>FEBS Journal</i> , 2012, 279, 3329-3337.	4.7	6
87	An MEG study of alpha modulation in patients with schizophrenia and in subjects at high risk of developing psychosis. <i>Schizophrenia Research</i> , 2011, 126, 36-42.	2.0	63
88	A hidden incoherent switch regulates RCAN1 in the calcineurin ϵ NFAT signaling network. <i>Journal of Cell Science</i> , 2011, 124, 82-90.	2.0	45
89	Reduction of Complex Signaling Networks to a Representative Kernel. <i>Science Signaling</i> , 2011, 4, ra35.	3.6	54
90	Evolutionary design principles and functional characteristics based on kingdom-specific network motifs. <i>Bioinformatics</i> , 2011, 27, 245-251.	4.1	17

#	ARTICLE	IF	CITATIONS
91	Modular nonblocking state feedback control of discrete event systems and its application to dynamic oligopolistic markets. <i>International Journal of Control</i> , 2011, 84, 2046-2057.	1.9	5
92	Identification of feedback loops embedded in cellular circuits by investigating non-causal impulse response components. <i>Journal of Mathematical Biology</i> , 2010, 60, 285-312.	1.9	7
93	Dynamic network rewiring determines temporal regulatory functions in <i>Drosophila melanogaster</i> development processes. <i>BioEssays</i> , 2010, 32, 505-513.	2.5	16
94	Genomic Binding Profiling of the Fission Yeast Stress-Activated MAPK Sty1 and the bZIP Transcriptional Activator Atf1 in Response to H ₂ O ₂ . <i>PLoS ONE</i> , 2010, 5, e11620.	2.5	55
95	A system-level investigation into the cellular toxic response mechanism mediated by AhR signal transduction pathway. <i>Bioinformatics</i> , 2010, 26, 2169-2175.	4.1	10
96	A design principle underlying the synchronization of oscillations in cellular systems. <i>Journal of Cell Science</i> , 2010, 123, 537-543.	2.0	55
97	Functional Roles of Multiple Feedback Loops in Extracellular Signal-Regulated Kinase and Wnt Signaling Pathways That Regulate Epithelial-Mesenchymal Transition. <i>Cancer Research</i> , 2010, 70, 6715-6724.	0.9	138
98	Modelling Spatially Regulated β -Catenin Dynamics and Invasion in Intestinal Crypts. <i>Biophysical Journal</i> , 2010, 99, 716-725.	0.5	66
99	Multiple roles of the NF κ B signaling pathway regulated by coupled negative feedback circuits. <i>FASEB Journal</i> , 2009, 23, 2796-2802.	0.5	20
100	Hub genes with positive feedbacks function as master switches in developmental gene regulatory networks. <i>Bioinformatics</i> , 2009, 25, 1898-1904.	4.1	48
101	Positive- and negative-feedback regulations coordinate the dynamic behavior of the Ras-Raf-MEK-ERK signal transduction pathway. <i>Journal of Cell Science</i> , 2009, 122, 425-435.	2.0	162
102	Delay-coobservability and its algebraic properties for the decentralized supervisory control of discrete event systems with communication delays. <i>Automatica</i> , 2009, 45, 1252-1259.	5.0	2
103	Supervisory control for fault-tolerant scheduling of real-time multiprocessor systems with aperiodic tasks. <i>International Journal of Control</i> , 2009, 82, 217-227.	1.9	12
104	The biphasic behavior of incoherent feedforward loops in biomolecular regulatory networks. <i>BioEssays</i> , 2008, 30, 1204-1211.	2.5	93
105	Real-time preemptive scheduling of sporadic tasks based on supervisory control of discrete event systems. <i>Information Sciences</i> , 2008, 178, 3393-3401.	6.9	24
106	Dynamical analysis of the calcium signaling pathway in cardiac myocytes based on logarithmic sensitivity analysis. <i>Biotechnology Journal</i> , 2008, 3, 639-647.	3.5	11
107	System-level investigation into the regulatory mechanism of the calcineurin/NFAT signaling pathway. <i>Cellular Signalling</i> , 2008, 20, 1117-1124.	3.6	14
108	Coupled Feedback Loops Form Dynamic Motifs of Cellular Networks. <i>Biophysical Journal</i> , 2008, 94, 359-365.	0.5	120

#	ARTICLE	IF	CITATIONS
109	Evolutionary design principles of modules that control cellular differentiation: consequences for hysteresis and multistationarity. <i>Bioinformatics</i> , 2008, 24, 1516-1522.	4.1	13
110	Coherent coupling of feedback loops: a design principle of cell signaling networks. <i>Bioinformatics</i> , 2008, 24, 1926-1932.	4.1	59
111	Quantitative analysis of robustness and fragility in biological networks based on feedback dynamics. <i>Bioinformatics</i> , 2008, 24, 987-994.	4.1	90
112	Identification of Intra-Cellular Feedback Loops by Intermittent Step Perturbation Method. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 289-294.	0.4	1
113	Modelling the dynamics of signalling pathways. <i>Essays in Biochemistry</i> , 2008, 45, 1-28.	4.7	44
114	Reconstruction of Gene Regulatory Networks by Neuro-fuzzy Inference Systems. , 2007, , .		6
115	Interlinked mutual inhibitory positive feedbacks induce robust cellular memory effects. <i>FEBS Letters</i> , 2007, 581, 4899-4904.	2.8	15
116	Boolean Dynamics of Biological Networks with Multiple Coupled Feedback Loops. <i>Biophysical Journal</i> , 2007, 92, 2975-2981.	0.5	56
117	Topological Difference of Core Regulatory Networks Induces Different Entrainment Characteristics of Plant and Animal Circadian Clocks. <i>Biophysical Journal</i> , 2007, 93, L01-L03.	0.5	6
118	Coupled positive and negative feedback circuits form an essential building block of cellular signaling pathways. <i>BioEssays</i> , 2007, 29, 85-90.	2.5	72
119	Decentralized supervisory control of discrete event systems with communication delays based on conjunctive and permissive decision structures. <i>Automatica</i> , 2007, 43, 738-743.	5.0	37
120	Inferring gene regulatory networks from temporal expression profiles under time-delay and noise. <i>Computational Biology and Chemistry</i> , 2007, 31, 239-245.	2.3	62
121	Analysis of feedback loops and robustness in network evolution based on Boolean models. <i>BMC Bioinformatics</i> , 2007, 8, 430.	2.6	48
122	Unraveling the functional interaction structure of a biomolecular network through alternate perturbation of initial conditions. <i>Journal of Proteomics</i> , 2007, 70, 701-707.	2.4	1
123	Delay-Robust Supervisory Control of Discrete-Event Systems With Bounded Communication Delays. <i>IEEE Transactions on Automatic Control</i> , 2006, 51, 911-915.	5.7	53
124	The influence of the signal dynamics of activated form of IKK on NF- κ B and anti-apoptotic gene expressions: A systems biology approach. <i>FEBS Letters</i> , 2006, 580, 822-830.	2.8	58
125	Inferring biomolecular regulatory networks from phase portraits of time-series expression profiles. <i>FEBS Letters</i> , 2006, 580, 3511-3518.	2.8	10
126	Wnt pathway mutations selected by optimal β -catenin signaling for tumorigenesis. <i>FEBS Letters</i> , 2006, 580, 3665-3670.	2.8	54

#	ARTICLE	IF	CITATIONS
127	Switching feedback mechanisms realize the dual role of MCIP in the regulation of calcineurin activity. FEBS Letters, 2006, 580, 5965-5973.	2.8	34
128	The multi-step phosphorelay mechanism of unorthodox two-component systems in E. coli realizes ultrasensitivity to stimuli while maintaining robustness to noises. Computational Biology and Chemistry, 2006, 30, 438-444.	2.3	65
129	Dynamics of biological systems: role of systems biology in medical research. Expert Review of Molecular Diagnostics, 2006, 6, 891-902.	3.1	48
130	A hybrid systems framework for cellular processes. BioSystems, 2005, 80, 273-282.	2.0	20
131	Identification of small scale biochemical networks based on general type system perturbations. FEBS Journal, 2005, 272, 2141-2151.	4.7	49
132	Unravelling the functional interaction structure of a cellular network from temporal slope information of experimental data. FEBS Journal, 2005, 272, 3950-3959.	4.7	2
133	Run-to-Run Overlay Control of Steppers in Semiconductor Manufacturing Systems Based on History Data Analysis and Neural Network Modeling. IEEE Transactions on Semiconductor Manufacturing, 2005, 18, 605-613.	1.7	18
134	A unified framework for unraveling the functional interaction structure of a biomolecular network based on stimulus-response experimental data. FEBS Letters, 2005, 579, 4520-4528.	2.8	16
135	Control and coordination in biochemical networks - Introduction to the special section on systems biology. IEEE Control Systems, 2004, 24, 30-34.	0.8	21
136	Systems biology. IEEE Control Systems, 2003, 23, 38-48.	0.8	24
137	Investigations Into the Analysis and Modeling of the TNF α -Mediated NF- κ B-Signaling Pathway. Genome Research, 2003, 13, 2413-2422.	5.5	80
138	Microarray data clustering based on temporal variation: FCV with TSD preclustering. Applied Bioinformatics, 2003, 2, 35-45.	1.6	25
139	Multiagent supervisory control for antifault propagation in serial production systems. IEEE Transactions on Industrial Electronics, 2001, 48, 460-466.	7.9	11
140	A study on fault-tolerant control and operation of serial production systems. , 0, , .		0
141	Congestion control for virtual-connection using a Smith predictor in high-speed Gigabit Ethernet networks. , 0, , .		0
142	Towards LonWorks technology and its applications to automation. , 0, , .		5
143	Design of PLCs for automated industrial systems based on discrete event models. , 0, , .		4
144	Congestion control of high-speed Gigabit-Ethernet networks for industrial applications. , 0, , .		15

#	ARTICLE	IF	CITATIONS
145	A new consolidation algorithm in point-to-multipoint ABR service of ATM networks for industrial applications. , 0, , .		0
146	Robust supervisory control of communication networks. , 0, , .		1
147	State feedback control of real-time discrete event systems with infinite states. International Journal of Control, 0, , 1-11.	1.9	3