

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	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
2	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
3	Cooperative Activation of PI3K by Ras and Rho Family Small GTPases. <i>Molecular Cell</i> , 2012, 47, 281-290.	9.7	146
4	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
5	Coupled Feedback Loops Form Dynamic Motifs of Cellular Networks. <i>Biophysical Journal</i> , 2008, 94, 359-365.	0.5	120
6	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
7	The biphasic behavior of incoherent feed-forward loops in biomolecular regulatory networks. <i>BioEssays</i> , 2008, 30, 1204-1211.	2.5	93
8	Discovery of a kernel for controlling biomolecular regulatory networks. <i>Scientific Reports</i> , 2013, 3, 2223.	3.3	93
9	Quantitative analysis of robustness and fragility in biological networks based on feedback dynamics. <i>Bioinformatics</i> , 2008, 24, 987-994.	4.1	90
10	Inhibitory Basal Ganglia Inputs Induce Excitatory Motor Signals in the Thalamus. <i>Neuron</i> , 2017, 95, 1181-1196.e8.	8.1	89
11	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
12	A positive feedback loop bi-stably activates fibroblasts. <i>Nature Communications</i> , 2018, 9, 3016.	12.8	82
13	Investigations Into the Analysis and Modeling of the TNF- α -Mediated NF- κ B-Signaling Pathway. <i>Genome Research</i> , 2003, 13, 2413-2422.	5.5	80
14	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
15	Modelling Spatially Regulated β -Catenin Dynamics and Invasion in Intestinal Crypts. <i>Biophysical Journal</i> , 2010, 99, 716-725.	0.5	66
16	The multi-step phosphorelay mechanism of unorthodox two-component systems in <i>E. coli</i> realizes ultrasensitivity to stimuli while maintaining robustness to noises. <i>Computational Biology and Chemistry</i> , 2006, 30, 438-444.	2.3	65
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Coherent coupling of feedback loops: a design principle of cell signaling networks. <i>Bioinformatics</i> , 2008, 24, 1926-1932.	4.1	59
21	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
22	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
23	Boolean Dynamics of Biological Networks with Multiple Coupled Feedback Loops. <i>Biophysical Journal</i> , 2007, 92, 2975-2981.	0.5	56
24	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
25	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
26	A design principle underlying the synchronization of oscillations in cellular systems. <i>Journal of Cell Science</i> , 2010, 123, 537-543.	2.0	55
27	Wnt pathway mutations selected by optimal β -catenin signaling for tumorigenesis. <i>FEBS Letters</i> , 2006, 580, 3665-3670.	2.8	54
28	Reduction of Complex Signaling Networks to a Representative Kernel. <i>Science Signaling</i> , 2011, 4, ra35.	3.6	54
29	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
30	Identification of small scale biochemical networks based on general type system perturbations. <i>FEBS Journal</i> , 2005, 272, 2141-2151.	4.7	49
31	Dynamics of biological systems: role of systems biology in medical research. <i>Expert Review of Molecular Diagnostics</i> , 2006, 6, 891-902.	3.1	48
32	Analysis of feedback loops and robustness in network evolution based on Boolean models. <i>BMC Bioinformatics</i> , 2007, 8, 430.	2.6	48
33	Hub genes with positive feedbacks function as master switches in developmental gene regulatory networks. <i>Bioinformatics</i> , 2009, 25, 1898-1904.	4.1	48
34	Attractor landscape analysis of colorectal tumorigenesis and its reversion. <i>BMC Systems Biology</i> , 2016, 10, 96.	3.0	47
35	A hidden incoherent switch regulates RCAN1 in the calcineurin- κ NFAT signaling network. <i>Journal of Cell Science</i> , 2011, 124, 82-90.	2.0	45
36	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

#	ARTICLE	IF	CITATIONS
37	Modelling the dynamics of signalling pathways. <i>Essays in Biochemistry</i> , 2008, 45, 1-28.	4.7	44
38	Determining Relative Dynamic Stability of Cell States Using Boolean Network Model. <i>Scientific Reports</i> , 2018, 8, 12077.	3.3	43
39	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
40	Network dynamics-based cancer panel stratification for systemic prediction of anticancer drug response. <i>Nature Communications</i> , 2017, 8, 1940.	12.8	36
41	Protein disulfide isomerase inhibition synergistically enhances the efficacy of sorafenib for hepatocellular carcinoma. <i>Hepatology</i> , 2017, 66, 855-868.	7.3	35
42	Switching feedback mechanisms realize the dual role of MCIP in the regulation of calcineurin activity. <i>FEBS Letters</i> , 2006, 580, 5965-5973.	2.8	34
43	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
44	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
45	Percolation transition of cooperative mutational effects in colorectal tumorigenesis. <i>Nature Communications</i> , 2017, 8, 1270.	12.8	28
46	Biphasic RLR-IFN- λ 2 Response Controls the Balance between Antiviral Immunity and Cell Damage. <i>Journal of Immunology</i> , 2013, 190, 1192-1200.	0.8	27
47	The hidden switches underlying ROR γ -mediated circuits that critically regulate uncontrolled cell proliferation. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 338-348.	3.3	27
48	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
49	PRRX1 is a master transcription factor of stromal fibroblasts for myofibroblastic lineage progression. <i>Nature Communications</i> , 2022, 13, 2793.	12.8	27
50	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
51	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
52	The reverse control of irreversible biological processes. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 366-377.	6.6	26
53	Locally Activating TrkB Receptor Generates Actin Waves and Specifies Axonal Fate. <i>Cell Chemical Biology</i> , 2019, 26, 1652-1663.e4.	5.2	26
54	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

#	ARTICLE	IF	CITATIONS
55	Microarray data clustering based on temporal variation: FCV with TSD preclustering. <i>Applied Bioinformatics</i> , 2003, 2, 35-45.	1.6	25
56	Systems biology. <i>IEEE Control Systems</i> , 2003, 23, 38-48.	0.8	24
57	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
58	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
59	Robustness and Evolvability of the Human Signaling Network. <i>PLoS Computational Biology</i> , 2014, 10, e1003763.	3.2	23
60	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
61	Control and coordination in biochemical networks - Introduction to the special section on systems biology. <i>IEEE Control Systems</i> , 2004, 24, 30-34.	0.8	21
62	Realizing Cancer Precision Medicine by Integrating Systems Biology and Nanomaterial Engineering. <i>Advanced Materials</i> , 2020, 32, e1906783.	21.0	21
63	A hybrid systems framework for cellular processes. <i>BioSystems</i> , 2005, 80, 273-282.	2.0	20
64	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
65	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
66	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
67	The APC Network Regulates the Removal of Mutated Cells from Colonic Crypts. <i>Cell Reports</i> , 2014, 7, 94-103.	6.4	19
68	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
69	Run-to-Run Overlay Control of Steppers in Semiconductor Manufacturing Systems Based on History Data Analysis and Neural Network Modeling. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2005, 18, 605-613.	1.7	18
70	The core regulation module of stress-responsive regulatory networks in yeast. <i>Nucleic Acids Research</i> , 2012, 40, 8793-8802.	14.5	18
71	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
72	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
73	A unified framework for unraveling the functional interaction structure of a biomolecular network based on stimulus-response experimental data. <i>FEBS Letters</i> , 2005, 579, 4520-4528.	2.8	16
74	Dynamic network rewiring determines temporal regulatory functions in <i>Drosophila melanogaster</i> development processes. <i>BioEssays</i> , 2010, 32, 505-513.	2.5	16
75	A novel prognostic factor for hepatocellular carcinoma: protein disulfide isomerase. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 580.	1.7	16
76	Congestion control of high-speed Gigabit-Ethernet networks for industrial applications. , 0, , .		15
77	Interlinked mutual inhibitory positive feedbacks induce robust cellular memory effects. <i>FEBS Letters</i> , 2007, 581, 4899-4904.	2.8	15
78	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
79	The Hidden Control Architecture of Complex Brain Networks. <i>IScience</i> , 2019, 13, 154-162.	4.1	15
80	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
81	System-level investigation into the regulatory mechanism of the calcineurin/NFAT signaling pathway. <i>Cellular Signalling</i> , 2008, 20, 1117-1124.	3.6	14
82	Silence on the relevant literature and errors in implementation. <i>Nature Biotechnology</i> , 2015, 33, 336-339.	17.5	14
83	Feedback analysis identifies a combination target for overcoming adaptive resistance to targeted cancer therapy. <i>Oncogene</i> , 2020, 39, 3803-3820.	5.9	14
84	Evolutionary design principles of modules that control cellular differentiation: consequences for hysteresis and multistationarity. <i>Bioinformatics</i> , 2008, 24, 1516-1522.	4.1	13
85	Topological estimation of signal flow in complex signaling networks. <i>Scientific Reports</i> , 2018, 8, 5262.	3.3	13
86	The phenotype control kernel of a biomolecular regulatory network. <i>BMC Systems Biology</i> , 2018, 12, 49.	3.0	13
87	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
88	Cancer reversion, a renewed challenge in systems biology. <i>Current Opinion in Systems Biology</i> , 2017, 2, 49-58.	2.6	12
89	Minimal intervening control of biomolecular networks leading to a desired cellular state. <i>Scientific Reports</i> , 2019, 9, 13124.	3.3	12
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Multiagent supervisory control for antifault propagation in serial production systems. <i>IEEE Transactions on Industrial Electronics</i> , 2001, 48, 460-466.	7.9	11
94	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
95	Context-independent essential regulatory interactions for apoptosis and hypertrophy in the cardiac signaling network. <i>Scientific Reports</i> , 2017, 7, 34.	3.3	11
96	Inferring biomolecular regulatory networks from phase portraits of time-series expression profiles. <i>FEBS Letters</i> , 2006, 580, 3511-3518.	2.8	10
97	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
98	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
99	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
100	Recurrent connections form a phase-locking neuronal tuner for frequency-dependent selective communication. <i>Scientific Reports</i> , 2013, 3, 2519.	3.3	9
101	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
102	A design principle underlying the paradoxical roles of E3 ubiquitin ligases. <i>Scientific Reports</i> , 2014, 4, 5573.	3.3	8
103	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
104	Robustness Analysis of Network Modularity. <i>IEEE Transactions on Control of Network Systems</i> , 2016, 3, 348-357.	3.7	8
105	Systems biological approaches to the cardiac signaling network. <i>Briefings in Bioinformatics</i> , 2016, 17, 419-428.	6.5	8
106	Global Stabilization of Boolean Networks to Control the Heterogeneity of Cellular Responses. <i>Frontiers in Physiology</i> , 2018, 9, 774.	2.8	8
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	Reconstruction of Gene Regulatory Networks by Neuro-fuzzy Inference Systems. , 2007, , .		6
112	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
113	The regulatory circuits for hysteretic switching in cellular signal transduction pathways. <i>FEBS Journal</i> , 2012, 279, 3329-3337.	4.7	6
114	Signal flow control of complex signaling networks. <i>Scientific Reports</i> , 2019, 9, 14289.	3.3	6
115	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
116	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
117	Towards LonWorks technology and its applications to automation. , 0, , .		5
118	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
119	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
120	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
121	Design of PLCs for automated industrial systems based on discrete event models. , 0, , .		4
122	Minimal systems analysis of mitochondria-dependent apoptosis induced by cisplatin. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 367.	1.2	4
123	Efficient harmonic peak detection of vowel sounds for enhanced voice activity detection. <i>IET Signal Processing</i> , 2018, 12, 975-982.	1.5	4
124	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
125	State feedback control of real-time discrete event systems with infinite states. <i>International Journal of Control</i> , 0, , 1-11.	1.9	3
126	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

#	ARTICLE	IF	CITATIONS
127	A Regulated Double-Negative Feedback Decodes the Temporal Gradient of Input Stimulation in a Cell Signaling Network. PLoS ONE, 2016, 11, e0162153.	2.5	3
128	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
129	Delay-coobservability and its algebraic properties for the decentralized supervisory control of discrete event systems with communication delays. Automatica, 2009, 45, 1252-1259.	5.0	2
130	Evolutionary design of complex digital circuits based on hierarchical module composition and predominant component prevention. Electronics Letters, 2015, 51, 1568-1570.	1.0	2
131	Identification of Gene Networks with Time Delayed Regulation Based on Temporal Expression Profiles. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 1161-1168.	3.0	2
132	A Low-Power Timing-Error-Tolerant Circuit by Controlling a Clock. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2021, 29, 512-518.	3.1	2
133	Robust supervisory control of communication networks. , 0, , .		1
134	Unraveling the functional interaction structure of a biomolecular network through alternate perturbation of initial conditions. Journal of Proteomics, 2007, 70, 701-707.	2.4	1
135	Identification of Intra-Cellular Feedback Loops by Intermittent Step Perturbation Method. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 289-294.	0.4	1
136	Achieving a global objective with competing networked agents in the framework of discrete event systems. International Journal of Control, 2020, 93, 889-897.	1.9	1
137	Boolean Feedforward Neural Network Modeling of Molecular Regulatory Networks for Cellular State Conversion. Frontiers in Physiology, 2020, 11, 594151.	2.8	1
138	Discrete event dynamic modeling and analysis of the democratic progress in a society controlled by networked agents. IEEE Transactions on Automatic Control, 2021, , 1-1.	5.7	1
139	The hidden community architecture of human brain networks. Scientific Reports, 2022, 12, 3540.	3.3	1
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	A new consolidation algorithm in point-to-multipoint ABR service of ATM networks for industrial applications. , 0, , .		0
143	Cover Image, Volume 8, Issue 5. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2016, 8, i-i.	6.6	0
144	Transient-error correction system with real-time logic switching inspired from attractor-conversion characteristics of a cancer cell. Microelectronics Reliability, 2019, 96, 51-59.	1.7	0

#	ARTICLE	IF	CITATIONS
145	Precision Medicine: Realizing Cancer Precision Medicine by Integrating Systems Biology and Nanomaterial Engineering (Adv. Mater. 35/2020). Advanced Materials, 2020, 32, 2070265.	21.0	0
146	Systems biology for reverse aging. Aging, 2021, 13, 14549-14551.	3.1	0
147	Signaling networks, network pathology and computational chemotherapy. Oncotarget, 2013, 4, 178-179.	1.8	0