

# Igor Mezic

## List of Publications by Year in descending order

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173  
papers

12,681  
citations

66343

42  
h-index

24982

109  
g-index

174  
all docs

174  
docs citations

174  
times ranked

8188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Koopman mode analysis on thermal data for building energy assessment. <i>Advances in Building Energy Research</i> , 2022, 16, 281-295.	2.3	6
2	On Numerical Approximations of the Koopman Operator. <i>Mathematics</i> , 2022, 10, 1180.	2.2	10
3	On the Approximation of Koopman Spectra of Measure-Preserving Flows. <i>SIAM Journal on Applied Dynamical Systems</i> , 2021, 20, 232-261.	1.6	1
4	Convex Computation of Extremal Invariant Measures of Nonlinear Dynamical Systems and Markov Processes. <i>Journal of Nonlinear Science</i> , 2021, 31, 1.	2.1	8
5	Control-Oriented, Data-Driven Models of Thermal Dynamics. <i>Energies</i> , 2021, 14, 1453.	3.1	2
6	Unsteady dynamics in the streamwise-oscillating cylinder wake for forcing frequencies below lock-on. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	6
7	Identification of Nonlinear Systems Using the Infinitesimal Generator of the Koopman Semigroup – A Numerical Implementation of the Mauroy – Gonçalves Method. <i>Mathematics</i> , 2021, 9, 2075.	2.2	3
8	Predicting the Critical Number of Layers for Hierarchical Support Vector Regression. <i>Entropy</i> , 2021, 23, 37.	2.2	3
9	Koopman Resolvent: A Laplace-Domain Analysis of Nonlinear Autonomous Dynamical Systems. <i>SIAM Journal on Applied Dynamical Systems</i> , 2021, 20, 2013-2036.	1.6	4
10	Data-driven spectral analysis of the Koopman operator. <i>Applied and Computational Harmonic Analysis</i> , 2020, 48, 599-629.	2.2	63
11	Koopman Operator Spectrum for Random Dynamical Systems. <i>Journal of Nonlinear Science</i> , 2020, 30, 2007-2056.	2.1	28
12	Spectrum of the Koopman Operator, Spectral Expansions in Functional Spaces, and State-Space Geometry. <i>Journal of Nonlinear Science</i> , 2020, 30, 2091-2145.	2.1	73
13	Spectral analysis of the Koopman operator for partial differential equations. <i>Chaos</i> , 2020, 30, 113131.	2.5	12
14	Search strategy in a complex and dynamic environment: the MH370 case. <i>Scientific Reports</i> , 2020, 10, 19640.	3.3	10
15	Extended Dynamic Mode Decomposition with Learned Koopman Eigenfunctions for Prediction and Control. , 2020, , .		29
16	Exponentially decaying modes and long-term prediction of sea ice concentration using Koopman mode decomposition. <i>Scientific Reports</i> , 2020, 10, 16313.	3.3	9
17	Optimal Construction of Koopman Eigenfunctions for Prediction and Control. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 5114-5129.	5.7	69
18	Electrokinetic mixing in electrode-embedded multiwell plates to improve the diffusion limited kinetics of biosensing platforms. <i>Analytica Chimica Acta</i> , 2020, 1106, 79-87.	5.4	4

#	ARTICLE	IF	CITATIONS
19	Introduction to the Koopman Operator in Dynamical Systems and Control Theory. Lecture Notes in Control and Information Sciences, 2020, , 3-33.	1.0	8
20	Koopman Model Predictive Control of Nonlinear Dynamical Systems. Lecture Notes in Control and Information Sciences, 2020, , 235-255.	1.0	6
21	On Least Squares Problems with Certain Vandermonde–Khatri–Rao Structure with Applications to DMD. SIAM Journal of Scientific Computing, 2020, 42, A3250-A3284.	2.8	1
22	Koopman Framework for Global Stability Analysis. Lecture Notes in Control and Information Sciences, 2020, , 35-58.	1.0	2
23	Koopman Spectrum and Stability of Cascaded Dynamical Systems. Lecture Notes in Control and Information Sciences, 2020, , 99-129.	1.0	1
24	Application of Koopman-Based Control in Ultrahigh-Precision Positioning. Lecture Notes in Control and Information Sciences, 2020, , 451-479.	1.0	1
25	Invariant Sets in Quasiperiodically Forced Dynamical Systems. SIAM Journal on Applied Dynamical Systems, 2020, 19, 329-351.	1.6	1
26	Small-world networks and synchronisation in an agent-based model of civil violence. Global Crime, 2019, 20, 161-195.	1.3	5
27	Data Driven Koopman Spectral Analysis in Vandermonde–Cauchy Form via the DFT: Numerical Method and Theoretical Insights. SIAM Journal of Scientific Computing, 2019, 41, A3118-A3151.	2.8	8
28	Koopman Mode Analysis of agent-based models of logistics processes. PLoS ONE, 2019, 14, e0222023.	2.5	4
29	On the Approximation of Koopman Spectra for Measure Preserving Transformations. SIAM Journal on Applied Dynamical Systems, 2019, 18, 1454-1497.	1.6	13
30	Spectral Complexity of Directed Graphs and Application to Structural Decomposition. Complexity, 2019, 2019, 1-18.	1.6	9
31	On learning Hamiltonian systems from data. Chaos, 2019, 29, 121107.	2.5	73
32	Electrokinetic Mixing for Improving the Kinetics of an HbA1c Immunoassay. Scientific Reports, 2019, 9, 19885.	3.3	7
33	Prandtl’s Batchelor theorem for flows with quasiperiodic time dependence. Journal of Fluid Mechanics, 2019, 862, .	3.4	2
34	On Convergence of Extended Dynamic Mode Decomposition to the Koopman Operator. Journal of Nonlinear Science, 2018, 28, 687-710.	2.1	196
35	The Translational Value of Psychophysiology Methods and Mechanisms: Multilevel, Dynamic, Personalized. Journal of Studies on Alcohol and Drugs, 2018, 79, 229-238.	1.0	20
36	Linear predictors for nonlinear dynamical systems: Koopman operator meets model predictive control. Automatica, 2018, 93, 149-160.	5.0	498

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37	Multiscale modeling of in-room temperature distribution with human occupancy data: a practical case study. <i>Journal of Building Performance Simulation</i> , 2018, 11, 145-163.	2.0	6
38	A Data-Driven Koopman Model Predictive Control Framework for Nonlinear Partial Differential Equations. , 2018, , .		56
39	Power grid transient stabilization using Koopman model predictive control. <i>IFAC-PapersOnLine</i> , 2018, 51, 297-302.	0.9	46
40	An agent-based model of urban insurgence: Effect of gathering sites and Koopman mode analysis. <i>PLoS ONE</i> , 2018, 13, e0205259.	2.5	7
41	Koopman Operator Family Spectrum for Nonautonomous Systems. <i>SIAM Journal on Applied Dynamical Systems</i> , 2018, 17, 2478-2515.	1.6	16
42	Data Driven Modal Decompositions: Analysis and Enhancements. <i>SIAM Journal of Scientific Computing</i> , 2018, 40, A2253-A2285.	2.8	34
43	Ergodicity-Based Cooperative Multiagent Area Coverage via a Potential Field. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 1983-1993.	9.5	35
44	Quasi-periodic intermittency in oscillating cylinder flow. <i>Journal of Fluid Mechanics</i> , 2017, 828, 680-707.	3.4	13
45	Ergodic Theory, Dynamic Mode Decomposition, and Computation of Spectral Properties of the Koopman Operator. <i>SIAM Journal on Applied Dynamical Systems</i> , 2017, 16, 2096-2126.	1.6	276
46	Frontiers of chaotic advection. <i>Reviews of Modern Physics</i> , 2017, 89, .	45.6	146
47	Study of dynamics in post-transient flows using Koopman mode decomposition. <i>Physical Review Fluids</i> , 2017, 2, .	2.5	59
48	Mini-Workshop: Applied Koopmanism. <i>Oberwolfach Reports</i> , 2016, 13, 297-340.	0.0	0
49	Uniformization, organization, association and use of metadata from multiple content providers and manufacturers: A close look at the Building Automation System (BAS) sector. , 2016, , .		2
50	Pattern recognition and classification of HVAC rule-based faults in commercial buildings. , 2016, , .		3
51	An operator-theoretic viewpoint to non-smooth dynamical systems: Koopman analysis of a hybrid pendulum. , 2016, , .		7
52	On Comparison of Dynamics of Dissipative and Finite-Time Systems Using Koopman Operator Methods**The funding provided by ARO Grant W911NF-11-1-0511.. <i>IFAC-PapersOnLine</i> , 2016, 49, 454-461.	0.9	6
53	Koopman Mode Decomposition for Periodic/Quasi-periodic Time Dependence**The funding provided by UTRC is greatly appreciated.. <i>IFAC-PapersOnLine</i> , 2016, 49, 690-697.	0.9	13
54	On Koopman and dynamic mode decompositions for application to dynamic data with low spatial dimension. , 2016, , .		10

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55	Applied Koopman operator theory for power systems technology. Nonlinear Theory and Its Applications IEICE, 2016, 7, 430-459.	0.6	60
56	Programmable Potentials: Approximate N-body potentials from coarse-level logic. Scientific Reports, 2016, 6, 33415.	3.3	0
57	Global Stability Analysis Using the Eigenfunctions of the Koopman Operator. IEEE Transactions on Automatic Control, 2016, 61, 3356-3369.	5.7	175
58	Correspondence between Koopman mode decomposition, resolvent mode decomposition, and invariant solutions of the Navier-Stokes equations. Physical Review Fluids, 2016, 1, .	2.5	66
59	Mesochronic classification of trajectories in incompressible 3D vector fields over finite times. Discrete and Continuous Dynamical Systems - Series S, 2016, 9, 923-958.	1.1	6
60	Ergodic theory and visualization. II. Fourier mesochronic plots visualize (quasi)periodic sets. Chaos, 2015, 25, 053105.	2.5	9
61	A Unified Definition of Collective Instabilities in Coupled Generator Networks**During part of the work on this proceeding, Y.S. was at Department of Mechanical Engineering, University of California, Santa Barbara, supported by JSPS Postdoctoral Fellowships for Research Abroad.. IFAC-PapersOnLine, 2015, 48, 89-94.	0.9	0
62	A prony approximation of Koopman Mode Decomposition. , 2015, , .		47
63	On applications of the spectral theory of the Koopman operator in dynamical systems and control theory. , 2015, , .		19
64	Data fusion via intrinsic dynamic variables: An application of data-driven Koopman spectral analysis. Europhysics Letters, 2015, 109, 40007.	2.0	38
65	Searching for Targets of Nonuniform Size Using Mixing Transformations: Constructive Upper Bounds and Limit Laws. Journal of Nonlinear Science, 2015, 25, 741-777.	2.1	1
66	Building energy modeling: A systematic approach to zoning and model reduction using Koopman Mode Analysis. Energy and Buildings, 2015, 86, 794-802.	6.7	54
67	Analysis of Fluid Motion in Dynamic Stall and Forced Cylinder Flow Using Koopman Operator Methods. , 2014, , .		0
68	Nonlinear Koopman modes and power system stability assessment without models. , 2014, , .		0
69	A computational physiology approach to personalized treatment models: the beneficial effects of slow breathing on the human cardiovascular system. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1073-H1091.	3.2	17
70	Global Isochrons and Phase Sensitivity of Bursting Neurons. SIAM Journal on Applied Dynamical Systems, 2014, 13, 306-338.	1.6	20
71	Nonlinear instability of a network of fixed-speed induction generators. , 2014, , .		0
72	Nonlinear Koopman Modes and Power System Stability Assessment Without Models. IEEE Transactions on Power Systems, 2014, 29, 899-907.	6.5	100

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73	Global sensitivity/uncertainty analysis for agent-based models. Reliability Engineering and System Safety, 2013, 118, 8-17.	8.9	35
74	Minimum time heading control of underpowered vehicles in time-varying ocean currents. Ocean Engineering, 2013, 66, 12-31.	4.3	30
75	Performance Study of an Adaptive Controller in the Presence of Uncertainty. IEEE Transactions on Control Systems Technology, 2013, 21, 1039-1043.	5.2	3
76	Analysis of Fluid Flows via Spectral Properties of the Koopman Operator. Annual Review of Fluid Mechanics, 2013, 45, 357-378.	25.0	637
77	Spatial filter averaging approach of probabilistic method to linear second-order partial differential equations of the parabolic type. Journal of Computational Physics, 2013, 233, 175-191.	3.8	2
78	Linearization in the large of nonlinear systems and Koopman operator spectrum. Physica D: Nonlinear Phenomena, 2013, 242, 42-53.	2.8	127
79	Efficient Guidance in finite time flow fields. , 2013, , .		1
80	A spectral operator-theoretic framework for global stability. , 2013, , .		32
81	Uncertainty and sensitivity decomposition of building energy models. Journal of Building Performance Simulation, 2012, 5, 171-184.	2.0	125
82	Dynamic autoinoculation and the microbial ecology of a deep water hydrocarbon irruption. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20286-20291.	7.1	156
83	Uncertainty in the energy dynamics of commercial office buildings. , 2012, , .		3
84	Nonlinear Koopman Modes and a Precursor to Power System Swing Instabilities. IEEE Transactions on Power Systems, 2012, 27, 1182-1191.	6.5	60
85	Applied Koopmanism. Chaos, 2012, 22, 047510.	2.5	463
86	Geometry of the ergodic quotient reveals coherent structures in flows. Physica D: Nonlinear Phenomena, 2012, 241, 1255-1269.	2.8	84
87	Coherent Swing Instability of Interconnected Power Grids and a Mechanism of Cascading Failure. , 2012, , 185-202.		6
88	Model reduction for agent-based social simulation: Coarse-graining a civil violence model. Physical Review E, 2012, 85, 066106.	2.1	13
89	A methodology for meta-model based optimization in building energy models. Energy and Buildings, 2012, 47, 292-301.	6.7	212
90	Existence of invariant tori in three dimensional maps with degeneracy. Physica D: Nonlinear Phenomena, 2012, 241, 1136-1145.	2.8	8

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91	Nonlinear Dynamics of Crime and Violence in Urban Settings. <i>Jasss</i> , 2012, 15, .	1.8	34
92	Extracting Dynamic Information From Whole-Building Energy Models. , 2012, , .		4
93	Nonlinear Koopman Modes and Coherency Identification of Coupled Swing Dynamics. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 1894-1904.	6.5	156
94	Correction to "Nonlinear Koopman Modes and Coherency Identification of Coupled Swing Dynamics" [Nov 11 1894-1904]. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 2584-2584.	6.5	4
95	Multiscale Adaptive Search. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011, 41, 1076-1087.	5.0	22
96	The Redistribution of Power: Neurocardiac Signaling, Alcohol and Gender. <i>PLoS ONE</i> , 2011, 6, e28281.	2.5	20
97	Coherent Swing Instability of Power Grids. <i>Journal of Nonlinear Science</i> , 2011, 21, 403-439.	2.1	77
98	On the architecture of cell regulation networks. <i>BMC Systems Biology</i> , 2011, 5, 37.	3.0	5
99	Scalable approach to uncertainty quantification and robust design of interconnected dynamical systems. <i>Annual Reviews in Control</i> , 2011, 35, 77-98.	7.9	13
100	Metrics for ergodicity and design of ergodic dynamics for multi-agent systems. <i>Physica D: Nonlinear Phenomena</i> , 2011, 240, 432-442.	2.8	106
101	The use of ergodic theory in designing dynamics for search problems. , 2010, , .		0
102	Coherent Swing Instability of power systems and cascading failures. , 2010, , .		4
103	Uniform coverage control of mobile sensor networks for dynamic target detection. , 2010, , .		14
104	Minimum time feedback control of autonomous underwater vehicles. , 2010, , .		24
105	Targeted activation in deterministic and stochastic systems. <i>Physical Review E</i> , 2010, 81, 026603.	2.1	13
106	Ergodic theory and visualization. I. Mesochronic plots for visualization of ergodic partition and invariant sets. <i>Chaos</i> , 2010, 20, 033114.	2.5	54
107	A New Mixing Diagnostic and Gulf Oil Spill Movement. <i>Science</i> , 2010, 330, 486-489.	12.6	156
108	Nonlinear Koopman modes of coupled swing dynamics and coherency identification. , 2010, , .		9

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109	Reduced-order models for flow control: balanced models and Koopman modes. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2010, , 43-50.	0.2	17
110	An approximate parametrization of the ergodic partition using time averaged observables. , 2009, , .		4
111	Global swing instability in the New England power grid model. , 2009, , .		9
112	Spectral Multiscale Coverage: A uniform coverage algorithm for mobile sensor networks. , 2009, , .		28
113	Spectral analysis of nonlinear flows. Journal of Fluid Mechanics, 2009, 641, 115-127.	3.4	1,592
114	Coupled oscillator models with no scale separation. Physica D: Nonlinear Phenomena, 2009, 238, 490-501.	2.8	23
115	New pathway for self-assembly and emergent properties. Nano Today, 2009, 4, 116-124.	11.9	11
116	Capturing deviation from ergodicity at different scales. Physica D: Nonlinear Phenomena, 2009, 238, 1668-1679.	2.8	21
117	Ergodic partition of phase space in continuous dynamical systems. , 2009, , .		8
118	Lectures on Mixing and Dynamical Systems. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2009, , 35-108.	0.6	1
119	Electrokinetic Mixing in Microplates and its Applications to Kinase and ELISA-Assay Type Reactions. , 2009, , .		0
120	Joint Use of Traveling Wave Dielectrophoresis and AC-Electroosmosis for Particle Manipulation. , 2009, , .		0
121	Uncertainty propagation in dynamical systems. Automatica, 2008, 44, 3003-3013.	5.0	33
122	Global swing instability of multimachine power systems. , 2008, , .		16
123	Passive Control of Limit Cycle Oscillations in a Thermoacoustic System Using Asymmetry. Journal of Applied Mechanics, Transactions ASME, 2008, 75, .	2.2	10
124	Actuation requirements in high dimensional oscillator systems. , 2008, , .		5
125	A mechanism for energy transfer leading to conformation change in networked nonlinear systems. , 2007, , .		9
126	MEZIC ET AL. RESPOND. American Journal of Public Health, 2007, 97, 781-782.	2.7	1



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127	An ultrashort mixing length micromixer: The shear superposition micromixer. Lab on A Chip, 2007, 7, 396-398.	6.0	45
128	Optimal control of mixing in Stokes fluid flows. Journal of Fluid Mechanics, 2007, 580, 261-281.	3.4	90
129	Agent-Based Modeling of Drinking Behavior: A Preliminary Model and Potential Applications to Theory and Practice. American Journal of Public Health, 2006, 96, 2055-2060.	2.7	109
130	On the dynamics of molecular conformation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7542-7547.	7.1	34
131	Vortex-based Control Algorithms. Lecture Notes in Control and Information Sciences, 2006, , 189-212.	1.0	4
132	AC Electrokinetic Stirring and Focusing of Nanoparticles. , 2006, , 243-255.		0
133	Controlled Separation and Trapping of Particles Using Two-frequency DEP. , 2005, , 543.		0
134	A multiscale measure for mixing. Physica D: Nonlinear Phenomena, 2005, 211, 23-46.	2.8	150
135	Spectral Properties of Dynamical Systems, Model Reduction and Decompositions. Nonlinear Dynamics, 2005, 41, 309-325.	5.2	785
136	Control of Particles in Microelectrode Devices. Physical Review Letters, 2005, 95, 236002.	7.8	29
137	Capture into Resonance: A Method for Efficient Control. Physical Review Letters, 2004, 93, 084301.	7.8	18
138	Mixing in the shear superposition micromixer: three-dimensional analysis. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2004, 362, 1001-1018.	3.4	91
139	Implications of Systems Dynamic Models and Control Theory for Environmental Approaches to the Prevention of Alcohol- and Other Drug Use-Related Problems. Substance Use and Misuse, 2004, 39, 1713-1750.	1.4	29
140	Optimal mixing in recirculation zones. Physics of Fluids, 2004, 16, 867-888.	4.0	41
141	Controllability for a class of area-preserving twist maps. Physica D: Nonlinear Phenomena, 2004, 189, 234-246.	2.8	13
142	Optimal control of a co-rotating vortex pair: averaging and impulsive control. Physica D: Nonlinear Phenomena, 2004, 192, 63-82.	2.8	12
143	Comparison of systems with complex behavior. Physica D: Nonlinear Phenomena, 2004, 197, 101-133.	2.8	272
144	Transverse momentum micromixer optimization with evolution strategies. Computers and Fluids, 2004, 33, 521-531.	2.5	21

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145	High Efficiency Mixing in the Shear Superposition Micromixer. , 2004, , 499.		0
146	Titanium Bulk Micromachining for BioMEMS Applications: A DEP Device as a Demonstration. , 2004, , .		2
147	Implications of systems dynamic models and control theory for environmental approaches to the prevention of alcohol- and other drug use-related problems. , 2004, 39, 1713-50.		4
148	Hybrid dynamics of two coupled oscillators that can impact a fixed stop. International Journal of Non-Linear Mechanics, 2003, 38, 677-689.	2.6	13
149	Weak finite-time Melnikov theory and 3D viscous perturbations of Euler flows. Physica D: Nonlinear Phenomena, 2003, 176, 82-106.	2.8	15
150	Uniform resonant chaotic mixing in fluid flows. Nature, 2003, 425, 376-380.	27.8	113
151	Spillover Stabilization in Finite-Dimensional Control and Observer Design for Dissipative Evolution Equations. SIAM Journal on Control and Optimization, 2003, 42, 746-768.	2.1	78
152	Controllability, integrability and ergodicity. , 2003, , 213-229.		4
153	Numerical Simulation of an Electroosmotic Micromixer. , 2003, , 653.		20
154	Capture into resonance: A novel method of efficient control. , 2003, , .		0
155	An extension of Prandtlâ€™Batchelor theory and consequences for chaotic advection. Physics of Fluids, 2002, 14, L61-L64.	4.0	5
156	Non-equilibrium statistical mechanics for a vortex gas. Journal of Turbulence, 2002, 3, N52.	1.4	9
157	Ergodic theory and experimental visualization of invariant sets in chaotically advected flows. Physics of Fluids, 2002, 14, 2235.	4.0	23
158	Control of a vortex pair using a weak external flow. Journal of Turbulence, 2002, 3, N51.	1.4	12
159	Chaotic Mixer for Microchannels. Science, 2002, 295, 647-651.	12.6	2,963
160	Statistical properties of controlled fluid flows with applications to control of mixing. Systems and Control Letters, 2002, 45, 249-256.	2.3	6
161	Chaotic advection in bounded Navierâ€™Stokes flows. Journal of Fluid Mechanics, 2001, 431, 347-370.	3.4	28
162	Break-up of invariant surfaces in actionâ€™angle maps and flows. Physica D: Nonlinear Phenomena, 2001, 154, 51-67.	2.8	38

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163	Residence-time distributions for chaotic flows in pipes. <i>Chaos</i> , 1999, 9, 173-182.	2.5	17
164	Melnikov-Based Dynamical Analysis of Microcantilevers in Scanning Probe Microscopy. <i>Nonlinear Dynamics</i> , 1999, 20, 197-220.	5.2	115
165	A Backstepping Controller for a Nonlinear Partial Differential Equation Model of Compression System Instabilities. <i>SIAM Journal on Control and Optimization</i> , 1999, 37, 1503-1537.	2.1	27
166	Dynamical analysis and control of microcantilevers. <i>Automatica</i> , 1999, 35, 1663-1670.	5.0	176
167	A method for visualization of invariant sets of dynamical systems based on the ergodic partition. <i>Chaos</i> , 1999, 9, 213-218.	2.5	116
168	Regular and chaotic particle motion near a helical vortex filament. <i>Physica D: Nonlinear Phenomena</i> , 1998, 111, 179-201.	2.8	16
169	Patchiness: A New Diagnostic for Lagrangian Trajectory Analysis in Time-Dependent Fluid Flows. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1998, 08, 1053-1093.	1.7	43
170	FKG inequalities in cellular automata and coupled map lattices. <i>Physica D: Nonlinear Phenomena</i> , 1997, 103, 491-504.	2.8	6
171	Maximal Effective Diffusivity for Time-Periodic Incompressible Fluid Flows. <i>SIAM Journal on Applied Mathematics</i> , 1996, 56, 40-56.	1.8	22
172	Nonergodicity, accelerator modes, and asymptotic quadratic-in-time diffusion in a class of volume-preserving maps. <i>Physical Review E</i> , 1995, 52, 3215-3217.	2.1	3
173	On the dynamical origin of asymptotic $t^2$ dispersion of a nondiffusive tracer in incompressible laminar flows. <i>Physics of Fluids</i> , 1994, 6, 2227-2229.	4.0	22