

# Miroslav Krstic

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

739  
papers

22,386  
citations

76  
h-index

128  
g-index

872  
ext. papers

28,522  
ext. citations

3.2  
avg, IF

7.9  
L-index

#	Paper	IF	Citations
739	Delay-compensated event-triggered boundary control of hyperbolic PDEs for deep-sea construction. <i>Automatica</i> , <b>2022</b> , 138, 110137	5.7	1
738	Sensor delay-compensated prescribed-time observer for LTI systems. <i>Automatica</i> , <b>2022</b> , 135, 110005	5.7	0
737	Simultaneous downstream and upstream output-feedback stabilization of cascaded freeway traffic. <i>Automatica</i> , <b>2022</b> , 136, 110044	5.7	1
736	Stability analysis and predictor feedback control for systems with unbounded delays. <i>Automatica</i> , <b>2022</b> , 135, 109958	5.7	1
735	Delay-Adaptive Observer-Based Control for Linear Systems with Unknown Input Delays. <i>Lecture Notes in Control and Information Sciences</i> , <b>2022</b> , 189-216	0.5	
734	Delay-Adaptive Control of a 7-DOF Robot Manipulator: Design and Experiments. <i>IEEE Transactions on Control Systems Technology</i> , <b>2022</b> , 1-16	4.8	0
733	Prescribed-Time Output-Feedback Control of Stochastic Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	4
732	Spill-Free Transfer and Stabilization of Viscous Liquid. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	0
731	Fixed-Time Nash Equilibrium Seeking in Time-Varying Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	0
730	Low-Gain Compensation for PDE-ODE Cascade Systems with Distributed Diffusion and Counter-Convection. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	
729	Delay-Compensated Distributed PDE Control of Traffic with Connected/Automated Vehicles. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	1
728	Cable-Operated Elevators and Deep-Sea Construction: $4 \times 4$ Hyperbolic PDE-ODE Control with Moving Boundary. <i>Advances in Delays and Dynamics</i> , <b>2022</b> , 199-225	0.3	
727	Event-Triggered Output Feedback Control of Traffic Flow on Cascaded Roads. <i>Advances in Delays and Dynamics</i> , <b>2022</b> , 243-267	0.3	
726	Global Stabilization of Compressible Flow between Two Moving Pistons. <i>SIAM Journal on Control and Optimization</i> , <b>2022</b> , 60, 1117-1142	1.9	0
725	Extremum Seeking Feedback With Wave Partial Differential Equation Compensation. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2021</b> , 143,	1.6	3
724	State Estimation for Lithium-Ion Batteries With Phase Transition Materials Via Boundary Observers. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2021</b> , 143,	1.6	4
723	Extremum Seeking for Traffic Congestion Control With a Downstream Bottleneck. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2021</b> , 143,	1.6	6

722	Adaptive Control of Hyperbolic PDEs Coupled with a Disturbed and Highly Uncertain ODE. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	
721	Safety-Critical Control of Systems with Time-Varying Input Delay. <i>IFAC-PapersOnLine</i> , <b>2021</b> , 54, 169-174	0.7	0
720	Reinforcement Learning Versus PDE Backstepping and PI Control for Congested Freeway Traffic. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 1-17	4.8	1
719	Prescribed-Time Control of Stochastic Nonlinear Systems with Reduced Control Effort. <i>Journal of Systems Science and Complexity</i> , <b>2021</b> , 34, 1782-1800	1	0
718	Stop-and-go suppression in two-class congested traffic. <i>Automatica</i> , <b>2021</b> , 125, 109381	5.7	2
717	Output feedback control of two-lane traffic congestion. <i>Automatica</i> , <b>2021</b> , 125, 109379	5.7	4
716	Towards implementation of PDE control for Stefan system: Input-to-state stability and sampled-data design. <i>Automatica</i> , <b>2021</b> , 127, 109538	5.7	1
715	Regulation-triggered adaptive control of a hyperbolic PDE-ODE model with boundary interconnections. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 1513-1543	2.8	3
714	Nash Equilibrium Seeking with Players Acting Through Heat PDE Dynamics <b>2021</b> ,		2
713	PDE Traffic Observer Validated on Freeway Data. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 29, 1048-1060	4.8	9
712	Editorial for the special issue on extremum seeking control: Theory and applications. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 1140-1142	2.8	
711	Event-triggered boundary control of constant-parameter reaction-diffusion PDEs: A small-gain approach. <i>Automatica</i> , <b>2021</b> , 128, 109562	5.7	18
710	Sequential predictors for delay-compensating feedback stabilization of bilinear systems with uncertainties. <i>Systems and Control Letters</i> , <b>2021</b> , 152, 104933	2.4	4
709	Multivariable extremum seeking with distinct delays using a one-stage sequential predictor. <i>Automatica</i> , <b>2021</b> , 129, 109462	5.7	0
708	Adaptive event-triggered PDE control for load-moving cable systems. <i>Automatica</i> , <b>2021</b> , 129, 109637	5.7	6
707	Hardware-in-the-Loop Multiobjective Extremum-Seeking Control of Mineral Grinding. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 29, 961-971	4.8	5
706	Stability Analysis for Time-Varying Systems With Asynchronous Sampling Using Contractivity Approach <b>2021</b> , 5, 49-54		2
705	Adaptive output-feedback stabilization in prescribed time for nonlinear systems with unknown parameters coupled with unmeasured states. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 184-202	2.8	7

704	Compensation of Spatially Varying Input Delay in Distributed Control of Reaction-Diffusion PDEs. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 4069-4083	5.9	3
703	Output-Feedback Control of an Extended Class of Sandwiched Hyperbolic PDE-ODE Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2588-2603	5.9	5
702	Newton-based extremum seeking of higher-derivative maps with time-varying delays. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 1202-1216	2.8	1
701	Bilateral Boundary Control of Moving Shockwave in LWR Model of Congested Traffic. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1429-1436	5.9	8
700	Stochastic Adaptive Nonlinear Control With Filterless Least Squares. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 3893-3905	5.9	11
699	Stability Analysis Using Generalized Sup-Delay Inequalities <b>2021</b> , 5, 1411-1416		1
698	Stability and observer designs using new variants of Halanay inequality. <i>Automatica</i> , <b>2021</b> , 123, 109299	5.7	3
697	Adaptive observer design for wave PDEs with nonlinear dynamics and parameter uncertainty. <i>Automatica</i> , <b>2021</b> , 123, 109295	5.7	1
696	Vibration Suppression for Coupled Wave PDEs in Deep-Sea Construction. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 29, 1733-1749	4.8	10
695	. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 29, 1490-1502	4.8	1
694	Non-Smooth Extremum Seeking Control with User-Prescribed Fixed-Time Convergence. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	6
693	Event-Triggered Gain Scheduling of Reaction-Diffusion PDEs. <i>SIAM Journal on Control and Optimization</i> , <b>2021</b> , 59, 2047-2067	1.9	2
692	Stochastic Nonlinear Prescribed-Time Stabilization and Inverse Optimality. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	13
691	Folding Bilateral Backstepping Output-Feedback Control Design For an Unstable Parabolic PDE. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	1
690	Stability Analysis using New Variant of Halanay Inequality. <i>IFAC-PapersOnLine</i> , <b>2021</b> , 54, 783-786	0.7	1
689	Prescribed-Time Stabilization of ODEs with Diffusive Actuator Dynamics. <i>IFAC-PapersOnLine</i> , <b>2021</b> , 54, 434-439	0.7	0
688	Extremum seeking boundary control for PDE cascade. <i>Systems and Control Letters</i> , <b>2021</b> , 155, 105004	0.4	0
687	Adaptive Control of Aircraft in Icing Using Regulation-Triggered Batch Least-Squares Identifier. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2021</b> , 44, 1721-1731	2.1	

686	Robust Boundary Observer for Traffic State Estimation on One Incoming and Two Outgoing Roads. <i>IFAC-PapersOnLine</i> , <b>2021</b> , 54, 384-389	0.7	
685	Vector Extensions of Halanay's Inequality. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	2
684	Event-Triggered Output-Feedback Backstepping Control of Sandwiched Hyperbolic PDE Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	5
683	ISS estimates in the spatial sup-norm for nonlinear 1-D parabolic PDEs. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , <b>2021</b> , 27, 57	1	0
682	Extremum seeking for unknown scalar maps in cascade with a class of parabolic partial differential equations. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2020</b> , 35, 1162	2.8	5
681	Predictor Feedback for Uncertain Linear Systems With Distributed Input Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 5344-5351	5.9	8
680	Delay-adaptive control for linear systems with distributed input delays. <i>Automatica</i> , <b>2020</b> , 116, 108902	5.7	5
679	Prescribed-time estimation and output regulation of the linearized Schrödinger equation by backstepping. <i>European Journal of Control</i> , <b>2020</b> , 55, 3-13	2.5	9
678	Boundary-to-Displacement asymptotic gains for wave systems with Kelvin-Voigt damping. <i>International Journal of Control</i> , <b>2020</b> , 1-12	1.5	1
677	Laser Sintering Control for Metal Additive Manufacturing by PDE Backstepping. <i>IEEE Transactions on Control Systems Technology</i> , <b>2020</b> , 28, 1928-1939	4.8	4
676	Adaptive-gain observer-based stabilization of stochastic strict-feedback systems with sensor uncertainty. <i>Automatica</i> , <b>2020</b> , 120, 109112	5.7	41
675	Multivariable Extremum Seeking for PDE Dynamic Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4949-4956	5.9	9
674	A dynamic high-gain design for prescribed-time regulation of nonlinear systems. <i>Automatica</i> , <b>2020</b> , 115, 108860	5.7	33
673	Delay compensated control of the Stefan problem and robustness to delay mismatch. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2304-2334	3.6	10
672	Lateral Vibration Suppression of a Disturbed Mining Cable Elevator with Flexible Guideways <b>2020</b> ,		2
671	Mean-Nonovershooting Control of Stochastic Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 1-1	5.9	12
670	Stabilization of Filament Production Rate for Screw Extrusion-Based Polymer Three-Dimensional-Printing. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2020</b> , 142,	1.6	8
669	Observer of Coupled Hyperbolic PDEs for Deep-sea Construction Vessel Vibrations. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7641-7646	0.7	

668	Inverse Optimality for Extremum Seeking Feedback under Delays. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 5405-5410	0
667	Polymer 3D-Printing via Screw Extrusion. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 221-245	
666	Filterless Least-Squares Based Adaptive Stochastic Continuous-Time Nonlinear Control. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 2171-2176	0.7 1
665	Delayed Newton-Based Multivariable Extremum Seeking with Sequential Predictors. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 5381-5385	0.7
664	Extended Models and Design. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 93-138	0.3
663	Experimental Study with Paraffin Melting. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 271-297	
662	Output Feedback Control of Radially-Dependent Reaction-Diffusion PDEs on Balls of Arbitrary Dimensions. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7635-7640	0.7 0
661	Prescribed-time tracking for triangular systems of reaction-diffusion PDEs. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7629-7634	0.7 2
660	Output-Feedback PDE Control of Traffic Flow on Cascaded Freeway Segments. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7623-7628	0.7 1
659	Delayed Multivariable Extremum Seeking with Sequential Predictors <b>2020</b> ,	2
658	Control of Nonlinear Systems with Delays <b>2020</b> , 1-5	
657	Event-triggered Backstepping Control of 2-D Hyperbolic PDE-ODE Systems. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7551-7556	0.7
656	Fixed-Time Estimators of Derivatives of Unknown Maps. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 1530-1535	0.7
655	State Feedback Control Design for Stefan System. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 17-58	0.3
654	Two-Phase Stefan Problem. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 139-157	0.3
653	State Estimator Design for Stefan System. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 59-92	0.3
652	Suppression of Oscillations in Two-Class Traffic by Full-State Feedback. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7515-7520	0.7
651	Event-triggered Varying Speed Limit Control of Stop-and-go Traffic. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7509-7514	3

650	Extremum Seeking Under Distributed Input Delay. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 5423-5428	0.7	
649	Prescribed-Time Mean-Square Nonlinear Stochastic Stabilization. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 2195-2200.	0.7	1
648	Acceleration-Actuated Source Seeking Without Position and Velocity Sensing. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 5348-5355	0.7	1
647	Control of An Unstable Reaction-Diffusion PDE with Spatially-Varying Input Delay. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 7599-7604	0.7	
646	Sea Ice. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 179-198	0.3	0
645	Lithium-Ion Batteries. <i>Systems and Control: Foundations and Applications</i> , <b>2020</b> , 199-219	0.3	1
644	Adaptive output-feedback control of torsional vibration in off-shore rotary oil drilling systems. <i>Automatica</i> , <b>2020</b> , 111, 108640	5.7	18
643	Stability results for the continuity equation. <i>Systems and Control Letters</i> , <b>2020</b> , 135, 104594	2.4	3
642	Boundary observers for coupled diffusion-reaction systems with prescribed convergence rate. <i>Systems and Control Letters</i> , <b>2020</b> , 135, 104586	2.4	5
641	Arctic sea ice state estimation from thermodynamic PDE model. <i>Automatica</i> , <b>2020</b> , 112, 108713	5.7	8
640	Single-boundary control of the two-phase Stefan system. <i>Systems and Control Letters</i> , <b>2020</b> , 135, 104573.	2.4	12
639	Delay-compensated control of sandwiched ODE/PDE hyperbolic systems for oil drilling and disaster relief. <i>Automatica</i> , <b>2020</b> , 120, 109131	5.7	14
638	A Simplified Multivariable Gradient Extremum Seeking for Distinct Input Delays with Delay-Independent Convergence Rates <b>2020</b> ,		1
637	Fixed-Time Gradient-Based Extremum Seeking <b>2020</b> ,		6
636	Stabilization of a 2D system of hyperbolic PDEs with recirculation in the unactuated channel. <i>Automatica</i> , <b>2020</b> , 120, 109147	5.7	4
635	Event-triggered boundary control of constant-parameter reaction-diffusion PDEs: a small-gain approach <b>2020</b> ,		7
634	Nash Equilibrium Seeking in Quadratic Noncooperative Games Under Two Delayed Information-Sharing Schemes. <i>Journal of Optimization Theory and Applications</i> , <b>2020</b> , 1	1.6	1
633	Simultaneous Stabilization of Traffic Flow on Two Connected Roads <b>2020</b> ,		3



632	Adaptive and Robust Predictors for Multi-input Linear Systems with Distributed Delays. <i>SIAM Journal on Control and Optimization</i> , <b>2020</b> , 58, 3457-3485	1.9	5
631	Robust adaptive prescribed-time stabilization via output feedback for uncertain nonlinear strict-feedback-like systems. <i>European Journal of Control</i> , <b>2020</b> , 55, 14-23	2.5	8
630	. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 1716-1723	5.9	6
629	Adaptive Control by Regulation-Triggered Batch Least Squares. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 2842-2855	5.9	8
628	Folding Backstepping Approach to Parabolic PDE Bilateral Boundary Control. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 76-81	0.7	8
627	Constrained Stabilization of Multi-Input Linear Systems with Distinct Input Delays. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 82-87	0.7	1
626	Boundary Observer for Congested Freeway Traffic State Estimation via Aw-Rasclé-Zhang model. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 183-188	0.7	7
625	<b>2019</b> ,		12
624	Robust adaptive regulation of dynamically positioned ships with unknown dynamics and unknown disturbances. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2019</b> , 33, 545-556	2.8	4
623	Small-Gain-Based Boundary Feedback Design for Global Exponential Stabilization of One-Dimensional Semilinear Parabolic PDEs. <i>SIAM Journal on Control and Optimization</i> , <b>2019</b> , 57, 2016-2036	1.9	16
622	Prescribed-time output feedback for linear systems in controllable canonical form. <i>Automatica</i> , <b>2019</b> , 107, 77-85	5.7	31
621	Boundary Exponential Stabilization of 1-Dimensional Inhomogeneous Quasi-Linear Hyperbolic Systems. <i>SIAM Journal on Control and Optimization</i> , <b>2019</b> , 57, 963-998	1.9	22
620	Observation and stabilization of LTV systems with time-varying measurement delay. <i>Automatica</i> , <b>2019</b> , 103, 573-579	5.7	18
619	Input-to-state stability and inverse optimality of predictor feedback for multi-input linear systems. <i>Automatica</i> , <b>2019</b> , 103, 549-557	5.7	15
618	Output Feedback Boundary Control of a Heat PDE Sandwiched Between Two ODEs. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4653-4660	5.9	23
617	Adaptive boundary control of constant-parameter reaction-diffusion PDEs using regulation-triggered finite-time identification. <i>Automatica</i> , <b>2019</b> , 103, 166-179	5.7	19
616	Monotonicity Methods for Input-to-State Stability of Nonlinear Parabolic PDEs with Boundary Disturbances. <i>SIAM Journal on Control and Optimization</i> , <b>2019</b> , 57, 510-532	1.9	28
615	Mixed Equilibrium Solution of Time-Inconsistent Stochastic Linear-Quadratic Problem. <i>SIAM Journal on Control and Optimization</i> , <b>2019</b> , 57, 533-569	1.9	8



614	Input-to-State Stability for PDEs. <i>Communications and Control Engineering</i> , <b>2019</b> ,	0.6	26
613	Parabolic PDE-PDE Loops. <i>Communications and Control Engineering</i> , <b>2019</b> , 235-261	0.6	
612	Parabolic-Hyperbolic PDE Loops. <i>Communications and Control Engineering</i> , <b>2019</b> , 263-283	0.6	
611	Existence/Uniqueness Results for Hyperbolic PDEs. <i>Communications and Control Engineering</i> , <b>2019</b> , 19-38	0.6	
610	ISS in Spatial Lp Norms for Hyperbolic PDEs. <i>Communications and Control Engineering</i> , <b>2019</b> , 39-56	0.6	
609	Existence/Uniqueness Results for Parabolic PDEs. <i>Communications and Control Engineering</i> , <b>2019</b> , 61-92	0.6	1
608	ISS in Spatial L2 and H1 Norms. <i>Communications and Control Engineering</i> , <b>2019</b> , 93-140	0.6	0
607	ISS in Spatial Lp Norms for Parabolic PDEs. <i>Communications and Control Engineering</i> , <b>2019</b> , 141-182	0.6	
606	Fading Memory Input-to-State Stability. <i>Communications and Control Engineering</i> , <b>2019</b> , 185-191	0.6	1
605	Hyperbolic PDE-PDE Loops. <i>Communications and Control Engineering</i> , <b>2019</b> , 215-234	0.6	
604	Stochastic Extremum Seeking for Dynamic Maps With Delays <b>2019</b> , 3, 61-66		9
603	Wave Equations With Kelvin-Voigt Damping and Boundary Disturbance: A Study of the Asymptotic Gain Properties <b>2019</b> ,		2
602	Feedback linearization based predictor for time delay control of a high-DOF robot manipulator. <i>Automatica</i> , <b>2019</b> , 108, 108485	5.7	18
601	Numerical optimization based on generalized extremum seeking for fast methane production by a modified ADM1. <i>Journal of Process Control</i> , <b>2019</b> , 84, 56-69	3.9	4
600	Stabilization of reaction-diffusions PDE with delayed distributed actuation. <i>Systems and Control Letters</i> , <b>2019</b> , 133, 104558	2.4	11
599	Extremum seeking for real-time optimal drilling control* <b>2019</b> ,		8
598	Stabilization of a 2-D reaction-diffusion equation with a coupled PDE evolving on its boundary <b>2019</b> ,		1
597	Compensation of Wave PDEs in Actuator Dynamics for Extremum Seeking Feedback. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 134-139	0.7	2

596	Extremum Seeking for Maximizing Higher Derivatives of Unknown Maps in Cascade with Reaction-Advection-Diffusion PDEs. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 210-215	0.7	2
595	Global Stabilization of a Class of Nonlinear Reaction-Diffusion Partial Differential Equations by Boundary Feedback. <i>SIAM Journal on Control and Optimization</i> , <b>2019</b> , 57, 3723-3748	1.9	5
594	Bilateral Boundary Control of Moving Traffic Shockwave. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 48-53	0.7	3
593	Population Pharmacokinetic Analysis of Bisoprolol in Patients With Acute Coronary Syndrome. <i>Journal of Cardiovascular Pharmacology</i> , <b>2019</b> , 73, 136-142	3.1	5
592	Delay robust control design of under-actuated PDE-ODE-PDE systems <b>2019</b> ,		3
591	Prescribed-time stabilization of reaction-diffusion equation by output feedback <b>2019</b> ,		2
590	Robust Compensation of Delay and Diffusive Actuator Dynamics Without Distributed Feedback. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3663-3675	5.9	5
589	Prescribed-Time Observers for Linear Systems in Observer Canonical Form. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3905-3912	5.9	43
588	Traffic congestion control for Aw-Rasclaw-Zhang model. <i>Automatica</i> , <b>2019</b> , 100, 38-51	5.7	51
587	PDE output feedback control of LTI systems with uncertain multi-input delays, plant parameters and ODE state. <i>Systems and Control Letters</i> , <b>2019</b> , 123, 1-7	2.4	8
586	Sampled boundary observer for strict-feedback nonlinear ODE systems with parabolic PDE sensor. <i>Automatica</i> , <b>2019</b> , 101, 439-449	5.7	8
585	. <i>IEEE Transactions on Control of Network Systems</i> , <b>2019</b> , 6, 324-337	4	1
584	Prescribed-Time Consensus and Containment Control of Networked Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1138-1147	10.2	103
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562	Input-to-State Stability for the Control of Stefan Problem with Respect to Heat Loss at the Interface <b>2018</b> ,		3
561	<b>2018</b> ,		2

560	Gradient Extremum Seeking with Time-Varying Delays <b>2018</b> ,		2
559	Thermodynamic Modeling and Control of Screw Extruder for 3D Printing <b>2018</b> ,		2
558	Adaptive Output Feedback for Aw-Rascle-Zhang Traffic Model in Congested Regime <b>2018</b> ,		1
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550	Control of Piston Position in Inviscid Gas by Bilateral Boundary Actuation <b>2018</b> ,		2
549	Stabilization of Reaction-Diffusion PDE Distributed Actuation and Input Delay <b>2018</b> ,		4
548	Analytical and Experimental Predictor-Based Time Delay Control of Baxter Robot <b>2018</b> ,		2
547	Stabilization of Traffic Flow With a Leading Autonomous Vehicle <b>2018</b> ,		7
546	Safety Verification Using Barrier Certificates with Application to Double Integrator with Input Saturation and Zero-Order Hold <b>2018</b> ,		5
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446	Newton-based extremum seeking for higher derivatives of unknown Maps with Delays <b>2016</b> ,		1
445	Input-to state stability with respect to boundary disturbances for the 1-D heat equation <b>2016</b> ,		9
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414	Multiparameter extremum seeking with output delays <b>2015</b> ,		9
413	State-of-charge estimation for lithium-ion batteries via a coupled thermal-electrochemical model <b>2015</b> ,		13
412	Predictor-feedback for multi-input LTI systems with distinct delays <b>2015</b> ,		10
411	Multivariable maximum power point tracking for photovoltaic micro-converters using extremum seeking. <i>Control Engineering Practice</i> , <b>2015</b> , 35, 83-91	3.9	28
410	Nonlinear control under wave actuator dynamics with time- and state-dependent moving boundary. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 222-251	3.6	42
409	Boundary Backstepping Control of Flow-Induced Vibrations of a Membrane at High Mach Numbers. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2015</b> , 137,	1.6	6
408	Modeling, Control, and Stability Analysis of Heterogeneous Thermostatically Controlled Load Populations Using Partial Differential Equations. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2015</b> , 137,	1.6	18
407	Gradient Extremum Seeking with Delays. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 227-232	0.7	5
406	Newton-based Extremum Seeking under Actuator and Sensor Delays. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 304-309		6
405	State estimation for nonlinear hyperbolic PDE-ODE cascade systems <b>2015</b> ,		4
404	Predictor-based tracking for neuromuscular electrical stimulation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2391-2419	3.6	28
403	Stability of an interconnected system of euler-bernoulli beam and heat equation with boundary coupling. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , <b>2015</b> , 21, 1029-1052	1	14
402	Sampled-data feedback stabilization of age-structured chemostat models <b>2015</b> ,		4
401	Prediction-based control for nonlinear state- and input-delay systems with the aim of delay-robustness analysis <b>2015</b> ,		8
400	Extremum seeking subject to multiple and distinct input delays <b>2015</b> ,		1
399	Maximizing higher derivatives of unknown maps with extremum seeking <b>2015</b> ,		6

398	Explicit boundary control of reaction-diffusion PDEs on arbitrary-dimensional balls <b>2015</b> ,		6
397	Stabilization of a chain of exponential integrators using a strict Lyapunov function <b>2015</b> ,		1
396	Boundedness of Synchronverters <b>2015</b> ,		5
395	Sampled-Data Stabilization of Nonlinear Delay Systems With a Compact Absorbing Set. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 410-415	0.7	1
394	Lyapunov-based backstepping control of a class of linear systems without overparametrization, tuning functions or nonlinear damping <b>2015</b> ,		1
393	Adaptive observer for parabolic PDEs with uncertain parameter in the boundary condition <b>2015</b> ,		4
392	Output-feedback adaptive control of a wave PDE with boundary anti-damping. <i>Automatica</i> , <b>2014</b> , 50, 1407-1415	5.7	70
391	Delay-Adaptive Control for Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 1203-1218	3.8	95
390	Global stabilisation of nonlinear delay systems with a compact absorbing set. <i>International Journal of Control</i> , <b>2014</b> , 87, 1010-1027	1.5	40
389	Backstepping-forwarding boundary control design for first-order hyperbolic systems with Fredholm integrals <b>2014</b> ,		3
388	Adaptive output feedback for oil drilling stick-slip instability modeled by wave PDE with anti-damped dynamic boundary <b>2014</b> ,		14
387	Sliding mode control to the stabilization of a linear 2D hyperbolic system with boundary input disturbance <b>2014</b> ,		15
386	Bounded droop controller for accurate load sharing among paralleled inverters <b>2014</b> ,		3
385	A new tracking controller for neuromuscular electrical stimulation under input delays: Case study in prediction <b>2014</b> ,		4
384	Numerical schemes for nonlinear predictor feedback. <i>Mathematics of Control, Signals, and Systems</i> , <b>2014</b> , 26, 519-546	1.3	36
383	Compensation of Wave Actuator Dynamics for Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 1555-1570	5.9	53
382	Power Optimization for Photovoltaic Microconverters Using Multivariable Newton-Based Extremum Seeking. <i>IEEE Transactions on Control Systems Technology</i> , <b>2014</b> , 22, 2141-2149	4.8	40
381	Extremum Seeking-Based Optimization of High Voltage Converter Modulator Rise-Time. <i>IEEE Transactions on Control Systems Technology</i> , <b>2014</b> , 22, 34-43	4.8	12

380	Adaptive output-feedback stabilization of non-local hyperbolic PDEs. <i>Automatica</i> , <b>2014</b> , 50, 2692-2699	5.7	62
379	State derivative feedback for adaptive cancellation of unmatched disturbances in unknown strict-feedback LTI systems. <i>Automatica</i> , <b>2014</b> , 50, 2539-2545	5.7	38
378	Extremum seeking with bounded update rates. <i>Systems and Control Letters</i> , <b>2014</b> , 63, 25-31	2.4	57
377	Marcum -functions and explicit kernels for stabilization of linear hyperbolic systems with constant coefficients. <i>Systems and Control Letters</i> , <b>2014</b> , 68, 33-42	2.4	49
376	Non-C2 Lie Bracket Averaging for Nonsmooth Extremum Seekers. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2014</b> , 136,	1.6	24
375	Modeling and Boundary Control of a Hanging Cable Immersed in Water. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2014</b> , 136,	1.6	15
374	Explicit boundary control of a reaction-diffusion equation on a disk. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 1562-1567		3
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372	Adaptive Output-Feedback Stabilization of Non-Local Hyperbolic PDEs. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 7755-7760		
371	Discrete-time Stochastic Extremum Seeking. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 3274-3279		6
370	Active Disturbance Rejection Control for a 2D Hyperbolic System with an Input Disturbance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 11385-11390		6
369	Control of discrete-time nonlinear systems actuated through counter-convecting transport dynamics. <i>Journal of Control and Decision</i> , <b>2014</b> , 1, 34-50	0.9	8
368	Women's demand for late-term abortion--a social or psychiatric issue?. <i>Vojnosanitetski Pregled</i> , <b>2014</b> , 71, 660-6	0.1	0
367	Analytic Modeling and Integral Control of Heterogeneous Thermostatically Controlled Load Populations <b>2014</b> ,		6
366	Adaptive Partial Differential Equation Observer for Battery State-of-Charge/State-of-Health Estimation Via an Electrochemical Model. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2014</b> , 136,	1.6	130
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364	Backstepping-forwarding control of parabolic PDEs with partially separable kernels <b>2014</b> ,		2
363	Adaptive output-feedback for wave PDE with anti-damping - application to surface-based control of oil drilling stick-slip instability <b>2014</b> ,		12



362	Constrained extremum seeking in 1 dimension <b>2014</b> ,		13
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360	Extremum seeking for wind and solar energy applications <b>2014</b> ,		4
359	Proactive Coping as a Mediator Between Resources and Outcomes: A Structural Equations Modeling Analysis. <i>Applied Research in Quality of Life</i> , <b>2014</b> , 9, 871-885	2.3	9
358	Newton-based stochastic extremum seeking. <i>Automatica</i> , <b>2014</b> , 50, 952-961	5.7	28
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355	Local Exponential $H^2$ Stabilization of a $2 \times 2$ Quasilinear Hyperbolic System Using Backstepping. <i>SIAM Journal on Control and Optimization</i> , <b>2013</b> , 51, 2005-2035	1.9	192
354	Delay-robustness of linear predictor feedback without restriction on delay rate. <i>Automatica</i> , <b>2013</b> , 49, 1761-1767	5.7	60
353	Finite-horizon LQ control for unknown discrete-time linear systems via extremum seeking. <i>European Journal of Control</i> , <b>2013</b> , 19, 399-407	2.5	31
352	Aircraft Endurance Maximization at Medium Mach Numbers by Extremum Seeking. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2013</b> , 36, 390-403	2.1	3
351	Stabilization of nonlinear delay systems using approximate predictors and high-gain observers. <i>Automatica</i> , <b>2013</b> , 49, 3623-3631	5.7	63
350	Stabilization of a System of $n+1$ Coupled First-Order Hyperbolic Linear PDEs With a Single Boundary Input. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 3097-3111	5.9	161
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348	Adaptive wave cancelation by acceleration feedback for ramp-connected air cushion-actuated surface effect ships. <i>Automatica</i> , <b>2013</b> , 49, 2591-2602	5.7	28
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346	Robust predictor feedback for discrete-time systems with input delays. <i>International Journal of Control</i> , <b>2013</b> , 86, 1652-1663	1.5	23
345	Nonlinear stabilization in infinite dimension. <i>Annual Reviews in Control</i> , <b>2013</b> , 37, 220-231	10.3	8

344	A backstepping boundary observer for a class of linear first-order hyperbolic systems <b>2013</b> ,		6
343	Minimum-Seeking for CLFs: Universal Semiglobally Stabilizing Feedback Under Unknown Control Directions. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 1107-1122	5.9	66
342	Stabilization of an ODE Schrödinger Cascade. <i>Systems and Control Letters</i> , <b>2013</b> , 62, 503-510	2.4	59
341	Robustness of nonlinear predictor feedback laws to time- and state-dependent delay perturbations. <i>Automatica</i> , <b>2013</b> , 49, 1576-1590	5.7	100
340	Nonlinear control under delays that depend on delayed states. <i>European Journal of Control</i> , <b>2013</b> , 19, 389-398	2.5	21
339	Power optimization and control in wind energy conversion systems using extremum seeking <b>2013</b> ,		13
338	Quantized-Input Control Lyapunov Approach for Permanent Magnet Synchronous Motor Drives. <i>IEEE Transactions on Control Systems Technology</i> , <b>2013</b> , 21, 1784-1794	4.8	35
337	Compensation of State-Dependent Input Delay for Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2013</b> , 58, 275-289	5.9	152
336	Adaptive stabilization of LTI systems with distributed input delay. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2013</b> , 27, 46-65	2.8	20
335	Adaptive Cancellation of Matched Unknown Sinusoidal Disturbances for LTI Systems by State Derivative Feedback. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2013</b> , 135,	1.6	13
334	Nash Equilibrium Seeking for Dynamic Systems with Non-quadratic Payoffs <b>2013</b> , 179-198		5
333	Region tracking control for multi-agent systems with high-order dynamics <b>2013</b> ,		2
332	Multivalued Stability Map of an Injection-Locked Semiconductor Laser. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2013</b> , 19, 1501408-1501408	3.8	10
331	Marcum Q-functions and explicit feedback laws for stabilization of constant coefficient 2-D linear hyperbolic systems <b>2013</b> ,		6
330	Control of thermodynamical system with input-dependent state delays <b>2013</b> ,		3
329	Boundary control of a cascade of two parabolic PDEs with different diffusion coefficients <b>2013</b> ,		8
328	Robustness to time- and state-dependent delay perturbations in networked nonlinear control systems <b>2013</b> ,		4
327	Stabilization of linearized Korteweg-de Vries systems with anti-diffusion <b>2013</b> ,		2

326	Gradient based projection method for constrained optimization <b>2013</b> ,		6
325	Nonlinear Stabilization in Infinite Dimension. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 1-14		
324	Adaptive Control of Anti-stable Wave PDE Systems: Theory and Applications in Oil Drilling. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 432-439		3
323	Nonlinear Control Under Nonconstant Delays <b>2013</b> ,		73
322	Laser pulse shaping via extremum seeking. <i>Control Engineering Practice</i> , <b>2012</b> , 20, 674-683	3.9	34
321	Compensation of state-dependent state delay for nonlinear systems. <i>Systems and Control Letters</i> , <b>2012</b> , 61, 849-856	2.4	31
320	Global Stabilization of Feedforward Systems Under Perturbations in Sampling Schedule. <i>SIAM Journal on Control and Optimization</i> , <b>2012</b> , 50, 1389-1412	1.9	25
319	Adaptive cancelation of matched unknown sinusoidal disturbances for unknown LTI systems by state derivative feedback <b>2012</b> ,		6
318	Extremum seeking-based tracking for unknown systems with unknown control directions <b>2012</b> ,		3
317	A universal extremum seeking-based stabilizer for unknown LTV systems with unknown control directions <b>2012</b> ,		6
316	. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 179-185	5.9	64
315	Adaptive backstepping cancelation of unmatched unknown sinusoidal disturbances for unknown LTI systems by state derivative feedback <b>2012</b> ,		4
314	. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 1192-1207	5.9	173
313	Power optimization for photovoltaic micro-converters using multivariable gradient-based extremum-seeking <b>2012</b> ,		20
312	Lyapunov-Krasovskii functionals and application to input delay compensation for linear time-invariant systems. <i>Automatica</i> , <b>2012</b> , 48, 1317-1323	5.7	91
311	Multivariable Newton-based extremum seeking. <i>Automatica</i> , <b>2012</b> , 48, 1759-1767	5.7	166
310	Power optimization for photovoltaic micro-converters using multivariable Newton-based extremum-seeking <b>2012</b> ,		5
309	Control of nonlinear delay systems: A tutorial <b>2012</b> ,		6

308	Nonlinear Stabilization Under Sampled and Delayed Measurements, and With Inputs Subject to Delay and Zero-Order Hold. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 1141-1154	5.9	167
307	Reduction of DC-bus voltage ripples and capacitors for single-phase PWM-controlled rectifiers <b>2012</b> ,		33
306	PDE-based analysis and control of the oxygen storage level in three-way catalytic converters <b>2012</b> ,		3
305	Stabilization of a linear hyperbolic system with one boundary controlled transport PDE coupled with n counterconvecting PDEs <b>2012</b> ,		4
304	Finite-horizon LQ control for unknown discrete-time linear systems via extremum seeking <b>2012</b> ,		6
303	Backstepping stabilization of an underactuated 3 $\mathbb{B}$ linear hyperbolic system of fluid flow equations <b>2012</b> ,		15
302	Collocated output-feedback stabilization of a 2 $\mathbb{D}$ quasilinear hyperbolic system using backstepping <b>2012</b> ,		17
301	Backstepping control for parabolic PDEs with in-domain actuation <b>2012</b> ,		8
300	PDE boundary control for euler-bernoulli beam using a two stage perturbation observer <b>2012</b> ,		3
299	Some remarks on Lyapunov-Krasovskii functionals and reduction approach for input delay compensation <b>2012</b> ,		2
298	On optimizing sensor placement for spatio-temporal temperature estimation in large battery packs <b>2012</b> ,		11
297	Stochastic Averaging and Stochastic Extremum Seeking. <i>Communications and Control Engineering</i> , <b>2012</b> ,	0.6	47
296	Adaptive Backstepping Cancellation of Unmatched Unknown Sinusoidal Disturbances for LTI Systems by State Derivative Feedback <b>2012</b> ,		2
295	Compensation of Time-Varying Input and State Delays for Nonlinear Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2012</b> , 134,	1.6	125
294	Adaptive PDE Observer for Battery SOC/SOH Estimation <b>2012</b> ,		26
293	Stochastic Averaging for Practical Stability. <i>Communications and Control Engineering</i> , <b>2012</b> , 57-78	0.6	
292	Introduction to Averaging. <i>Communications and Control Engineering</i> , <b>2012</b> , 1-10	0.6	
291	Multi-parameter Stochastic Extremum Seeking and Slope Seeking. <i>Communications and Control Engineering</i> , <b>2012</b> , 129-146	0.6	

290	Stochastic Nash Equilibrium Seeking for Games with General Nonlinear Payoffs. <i>Communications and Control Engineering</i> , <b>2012</b> , 147-159	0.6	
289	Stochastic Averaging for Asymptotic Stability. <i>Communications and Control Engineering</i> , <b>2012</b> , 21-55	0.6	
288	Nash Equilibrium Seeking for Quadratic Games and Applications to Oligopoly Markets and Vehicle Deployment. <i>Communications and Control Engineering</i> , <b>2012</b> , 161-179	0.6	
287	Predictor Feedback: Time-Varying, Adaptive, and Nonlinear. <i>Lecture Notes in Control and Information Sciences</i> , <b>2012</b> , 291-306	0.5	
286	Newton-Based Stochastic Extremum Seeking. <i>Communications and Control Engineering</i> , <b>2012</b> , 181-199	0.6	1
285	Stochastic Source Seeking for Nonholonomic Vehicles. <i>Communications and Control Engineering</i> , <b>2012</b> , 95-119	0.6	
284	Single-parameter Stochastic Extremum Seeking. <i>Communications and Control Engineering</i> , <b>2012</b> , 79-93	0.6	
283	Introduction to Extremum Seeking. <i>Communications and Control Engineering</i> , <b>2012</b> , 11-20	0.6	5
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281	Multiagent Deployment Over a Source. <i>IEEE Transactions on Control Systems Technology</i> , <b>2011</b> ,	4.8	15
280	Nonlinear stabilization under sampled and delayed measurements, and with inputs subject to delay and zero-order hold <b>2011</b> ,		1
279	Stochastic Nash Equilibrium Seeking for Games with General Nonlinear Payoffs. <i>SIAM Journal on Control and Optimization</i> , <b>2011</b> , 49, 1659-1679	1.9	36
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271	Nash Equilibrium Seeking for Dynamic Systems with Non-Quadratic Payoffs. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 3605-3610		2
270	The Stabilization of One-Dimensional Wave Equation by Delayed Output Feedback. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 12538-12543		
269	Stabilization of Nonlinear Strict-Feedback Systems With Time-Varying Delayed Integrators <b>2011</b> ,		1
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267	Finite-time multi-agent deployment: A nonlinear PDE motion planning approach. <i>Automatica</i> , <b>2011</b> , 47, 2534-2542	5.7	48
266	Compensating the Distributed Effect of Diffusion and Counter-Convection in Multi-Input and Multi-Output LTI Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 637-643	5.9	42
265	PDE Boundary Control for Flexible Articulated Aircraft Wings <b>2011</b> ,		1
264	Lyapunov Stability of Linear Predictor Feedback for Distributed Input Delays. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 655-660	5.9	106
263	Local exponential H2 stabilization of a 2 $\mathbb{D}$ quasilinear hyperbolic system using backstepping <b>2011</b> ,		16
262	Backstepping boundary stabilization and state estimation of a 2 $\mathbb{D}$ linear hyperbolic system <b>2011</b> ,		118
261	PDE model for thermal dynamics of a large Li-ion battery pack <b>2011</b> ,		13
260	Nash equilibrium seeking with infinitely-many players <b>2011</b> ,		9
259	Adaptive Cancellation of Matched Unknown Sinusoidal Disturbances for LTI Systems by State Derivative Feedback <b>2011</b> ,		2
258	Gain Scheduling-Inspired Boundary Control for Nonlinear Partial Differential Equations. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2011</b> , 133,	1.6	3
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256	A globally asymptotically stable polynomial vector field with no polynomial Lyapunov function <b>2011</b> ,		31
255	Multivariable Newton-based extremum seeking <b>2011</b> ,		6

254	Extremum Seeking Based on Atmospheric Turbulence for Aircraft Endurance. <i>Journal of Guidance, Control, and Dynamics</i> , <b>2011</b> , 34, 1876-1885	2.1	23
253	Laser Pulse Shaping via Iterative Learning Control and High-Dimensional Extremum Seeking <b>2011</b> ,		3
252	Compensating the Distributed Effect of a Wave PDE in the Actuation or Sensing Path of Multi-Input and Multi-Output LTI Systems <b>2010</b> ,		1
251	Multi-agent deployment in the plane using stochastic extremum seeking <b>2010</b> ,		17
250	Multi-agent deployment to a family of planar Arcs <b>2010</b> ,		7
249	Rejection of sinusoidal disturbance of unknown frequency for linear system with input delay <b>2010</b> ,		55
248	Further Results on Stabilization of Shock-Like Equilibria of the Viscous Burgers PDE. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 1942-1946	5.9	10
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246	Lyapunov stability of linear predictor feedback for distributed input delays <b>2010</b> ,		4
245	Multi-agent deployment around a source in one dimension by extremum seeking <b>2010</b> ,		8
244	Nash equilibrium seeking for games with non-quadratic payoffs <b>2010</b> ,		7
243	Boundary Observer for Output-Feedback Stabilization of Thermal-Fluid Convection Loop. <i>IEEE Transactions on Control Systems Technology</i> , <b>2010</b> , 18, 789-797	4.8	33
242	Compensation of Infinite-Dimensional Actuator and Sensor Dynamics. <i>IEEE Control Systems</i> , <b>2010</b> , 30, 22-41	2.9	94
241	Lyapunov Stability of Linear Predictor Feedback for Time-Varying Input Delay. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 554-559	5.9	205
240	Input Delay Compensation for Forward Complete and Strict-Feedforward Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 287-303	5.9	253
239	Boundary Stabilization of a 1-D Wave Equation with In-Domain Antidamping. <i>SIAM Journal on Control and Optimization</i> , <b>2010</b> , 48, 4014-4031	1.9	94
238	Continuous-Time Stochastic Averaging on the Infinite Interval for Locally Lipschitz Systems. <i>SIAM Journal on Control and Optimization</i> , <b>2010</b> , 48, 3589-3622	1.9	12
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220	Inverse optimal adaptive control: the interplay between update laws, control laws, and Lyapunov functions <b>2009</b> ,		2
219	Rapidly convergent leader-enabled multi-agent deployment into planar curves <b>2009</b> ,		5

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214	Boundary stabilization of an anti-stable wave equation with in-domain anti-damping <b>2009</b> ,		1
213	Source seeking for a Joukowski foil model of fish locomotion <b>2009</b> ,		4
212	Adaptive tracking controller for systems with unknown long delay and unknown parameters in the plant <b>2009</b> ,		3
211	Source seeking for a three-link model of fish locomotion <b>2009</b> ,		1
210	Extremum seeking with very slow or drifting sensors <b>2009</b> ,		2
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178	Lyapunov tools for predictor feedbacks for delay systems: Inverse optimality and robustness to delay mismatch <b>2008</b> ,		6
177	Motion planning and tracking for tip displacement and deflection angle for flexible beams <b>2008</b> ,		1
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171	On compensating long actuator delays in nonlinear control <b>2008</b> ,		3
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138	NONLINEAR CONTROL OF PDES: ARE FEEDBACK LINEARIZATION AND GEOMETRIC METHODS APPLICABLE?. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 20-27</i>		
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125	Lyapunov Adaptive Boundary Control for Parabolic PDEs with Spatially Varying Coefficients <b>2006</b> ,		8
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