Allen Tannenbaum

List of Publications by Year
in descending order

201 papers	8,051 citations	61857 43 h-index	56606 83 g-index
207 all docs	207 docs citations	207 times ranked	5499 citing authors

#	ARTICLE	IF	CITATIONS
1	Localizing Region-Based Active Contours. IEEE Transactions on Image Processing, 2008, 17, 2029-2039.	6.0	1,050
2	Perivascular spaces in the brain: anatomy, physiology and pathology. Nature Reviews Neurology, 2020, 16, 137-153.	4.9	405
3	Conformal curvature flows: From phase transitions to active vision. Archive for Rational Mechanics and Analysis, 1996, 134, 275-301.	1.1	366
4	A lifting technique for linear periodic systems with applications to sampled-data control. Systems and Control Letters, 1991, 17, 79-88.	1.3	360
5	Affine invariant scale-space. International Journal of Computer Vision, 1993, 11, 25-44.	10.9	294
6	Optimal Mass Transport for Registration and Warping. International Journal of Computer Vision, 2004, 60, 225-240.	10.9	276
7	Image Segmentation Using Active Contours Driven by the Bhattacharyya Gradient Flow. IEEE Transactions on Image Processing, 2007, 16, 2787-2801.	6.0	270
8	Hamilton-Jacobi Skeletons. International Journal of Computer Vision, 2002, 48, 215-231.	10.9	231
9	Differential and Numerically Invariant Signature Curves Applied to Object Recognition. International Journal of Computer Vision, 1998, 26, 107-135.	10.9	188
10	Flux driven automatic centerline extraction. Medical Image Analysis, 2005, 9, 209-221.	7.0	161
11	Tracking Deforming Objects Using Particle Filtering for Geometric Active Contours. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1470-1475.	9.7	156
12	On the evolution of curves via a function of curvature. I. The classical case. Journal of Mathematical Analysis and Applications, 1992, 163, 438-458.	0.5	140
13	Optical Flow Estimation for Flame Detection in Videos. IEEE Transactions on Image Processing, 2013, 22, 2786-2797.	6.0	133
14	Feedback stabilization of linear dynamical plants with uncertainty in the gain factor. International Journal of Control, 1980, 32, 1-16.	1.2	121
15	Minimizing Flows for the Monge--Kantorovich Problem. SIAM Journal on Mathematical Analysis, 2003, 35, 61-97.	0.9	119
16	Blind Deconvolution of Medical Ultrasound Images: A Parametric Inverse Filtering Approach. IEEE Transactions on Image Processing, 2007, 16, 3005-3019.	6.0	111
17	A Framework for Image Segmentation Using Shape Models and Kernel Space Shape Priors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1385-1399.	9.7	103
18	Toward a computational theory of shape: An overview. Lecture Notes in Computer Science, 1990, , 402-407.	1.0	98

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19	Finsler Active Contours. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 412-423.	9.7	98
20	Anterior Cruciate Ligament Reconstruction in the Skeletally Immature. Journal of Pediatric Orthopaedics, 2009, 29, 124-129.	0.6	88
21	Point Set Registration via Particle Filtering and Stochastic Dynamics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1459-1473.	9.7	86
22	On the H^∞-Optimal Sensitivity Problem for Systems with Delays. SIAM Journal on Control and Optimization, 1987, 25, 686-705.	1.1	78
23	Some Explicit Formulae for the Singular Values of Certain Hankel Operators with Factorizable Symbol. SIAM Journal on Mathematical Analysis, 1988, 19, 1081-1089.	0.9	78
24	Proper stable Bezout factorizations and feedback control of linear time-delay systemsâ€. International Journal of Control, 1986, 43, 837-857.	1.2	77
25	Multiscale 3-D Shape Representation and Segmentation Using Spherical Wavelets. IEEE Transactions on Medical Imaging, 2007, 26, 598-618.	5.4	74
26	A 3D interactive multi-object segmentation tool using local robust statistics driven active contours. Medical Image Analysis, 2012, 16, 1216-1227.	7.0	70
27	Affine Geometry, Curve Flows, and Invariant Numerical Approximations. Advances in Mathematics, 1996, 124, 154-196.	0.5	67
28	Hybrid geodesic region-based curve evolutions for image segmentation. , 2007, , .		66
29	Invariant Geometric Evolutions of Surfaces and Volumetric Smoothing. SIAM Journal on Applied Mathematics, 1997, 57, 176-194.	0.8	62
30	Graph Cut Segmentation with Nonlinear Shape Priors. , 2007, , .		61
31	On the affine heat equation for non-convex curves. Journal of the American Mathematical Society, 1998, 11, 601-634.	1.9	60
32	A Generic Framework for Tracking Using Particle Filter With Dynamic Shape Prior. IEEE Transactions on Image Processing, 2007, 16, 1370-1382.	6.0	58
33	A Skew Toeplitz Approach to the H^∞ Optimal Control of Multivariable Distributed Systems. SIAM Journal on Control and Optimization, 1990, 28, 653-670.	1.1	57
34	Cerebrospinal and interstitial fluid transport via the glymphatic pathway modeled by optimal mass transport. NeuroImage, 2017, 152, 530-537.	2.1	57
35	On the four block problem, II: The singular system. Integral Equations and Operator Theory, 1988, 11, 726-767.	0.4	55
36	Automated identification of RNA conformational motifs: theory and application to the HM LSU 23S rRNA. Nucleic Acids Research, 2003, 31, 6249-6257.	6.5	54

#	Article	IF	Citations
37	Texture Mapping via Optimal Mass Transport. IEEE Transactions on Visualization and Computer Graphics, 2010, 16, 419-433.	2.9	54
38	An Efficient Numerical Method for the Solution of the L_2 Optimal Mass Transfer Problem. SIAM Journal of Scientific Computing, 2010, 32, 197-211.	1.3	53
39	Title is missing!. Indiana University Mathematics Journal, 1993, 42, 985.	0.4	53
40	Glymphatic Cerebrospinal Fluid and Solute Transport Quantified by MRI and PET Imaging. Neuroscience, 2021, 474, 63-79.	1.1	51
41	Differential Invariant Signatures and Flows in Computer Vision: A Symmetry Group Approach. Computational Imaging and Vision, 1994, , 255-306.	0.6	51
42	A spectral commutant lifting theorem. Transactions of the American Mathematical Society, 1991, 325, 741-763.	0.5	50
43	Frequency domain analysis and robust control design for an ideal flexible beam. Automatica, 1991, 27, 947-961.	3.0	49
44	Modified Nevanlinna-Pick interpolation and feedback stabilization of linear plants with uncertainty in the gain factor. International Journal of Control, 1982, 36, 331-336.	1.2	48
45	Flattening maps for the visualization of multibranched vessels. IEEE Transactions on Medical Imaging, 2005, 24, 191-198.	5.4	47
46	Shapes, shocks and wiggles. Image and Vision Computing, 1999, 17, 365-373.	2.7	45
47	An Image Morphing Technique Based on Optimal Mass Preserving Mapping. IEEE Transactions on Image Processing, 2007, 16, 1481-1495.	6.0	45
48	Single nucleotide RNA choreography. Nucleic Acids Research, 2006, 34, 1481-1491.	6.5	43
49	A statistically based flow for image segmentation. Medical Image Analysis, 2004, 8, 267-274.	7.0	42
50	Optimal Transport for Gaussian Mixture Models. IEEE Access, 2019, 7, 6269-6278.	2.6	42
51	On the Nehari problem for a certain class of Lâˆž-functions appearing in control theory. Journal of Functional Analysis, 1987, 74, 146-159.	0.7	41
52	Weighted sensitivity minimization: General plants in Hâˆž and rational weights. Linear Algebra and Its Applications, 1988, 109, 71-90.	0.4	40
53	Families of curves with nodes onK?3 surfaces. Mathematische Annalen, 1982, 260, 239-253.	0.7	38
54	Dynamic Active Contours for Visual Tracking. IEEE Transactions on Automatic Control, 2006, 51, 562-579.	3.6	38

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55	Interactive Medical Image Segmentation Using PDE Control of Active Contours. IEEE Transactions on Medical Imaging, 2013, 32, 2127-2139.	5.4	38
56	Affine Invariant Detection: Edge Maps, Anisotropic Diffusion, and Active Contours. Acta Applicandae Mathematicae, 1999, 59, 45-77.	0.5	37
57	Automatic Segmentation of the Left Atrium From MR Images via Variational Region Growing With a Moments-Based Shape Prior. IEEE Transactions on Image Processing, 2013, 22, 5111-5122.	6.0	37
58	Abstract model and controller design for an unstable aircraft. Journal of Guidance, Control, and Dynamics, 1992, 15, 498-508.	1.6	36
59	On the Four Block Problem, I. Operator Theory: Advances and Applications, 1988, , 93-112.	0.2	35
60	Robust 3D Pose Estimation and Efficient 2D Region-Based Segmentation from a 3D Shape Prior. Lecture Notes in Computer Science, 2008, , 169-182.	1.0	35
61	Vision-Based Range Regulation of a Leader-Follower Formation. IEEE Transactions on Control Systems Technology, 2009, 17, 442-448.	3.2	34
62	On the Sensitivity Minimization Problem for Linear Time-Varying Periodic Systems. SIAM Journal on Control and Optimization, 1986, 24, 1076-1085.	1.1	33
63	Statistical Analysis of RNA Backbone. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2006, 3, 33-46.	1.9	33
64	Mixed-sensitivity optimization for a class of unstable infinite-dimensional systems. Linear Algebra and Its Applications, 1993, 178, 43-83.	0.4	32
65	Deform PF-MT: Particle Filter With Mode Tracker for Tracking Nonaffine Contour Deformations. IEEE Transactions on Image Processing, 2010, 19, 841-857.	6.0	30
66	Finsler Tractography for White Matter Connectivity Analysis of the Cingulum Bundle. , 2007, 10, 36-43.		30
67	Multi-Object Tracking Through Clutter Using Graph Cuts. , 2007, , .		29
68	Knowledge-based 3D segmentation and reconstruction of coronary arteries using CT images. , 2004, 2004, 1664-6.		28
69	Conformal Geometry and Brain Flattening. Lecture Notes in Computer Science, 1999, , 271-278.	1.0	28
70	Automated Skin Segmentation in Ultrasonic Evaluation of Skin Toxicity in Breast Cancer Radiotherapy. Ultrasound in Medicine and Biology, 2013, 39, 2166-2175.	0.7	27
71	Tubular Surface Segmentation for Extracting Anatomical Structures From Medical Imagery. IEEE Transactions on Medical Imaging, 2010, 29, 1945-1958.	5.4	26
72	Weighted Optimization Theory for Nonlinear Systems. SIAM Journal on Control and Optimization, 1989, 27, 842-860.	1.1	25

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73	A Geometric Approach to Joint 2D Region-Based Segmentation and 3D Pose Estimation Using a 3D Shape Prior. SIAM Journal on Imaging Sciences, 2010, 3, 110-132.	1.3	25
74	Sparse Texture Active Contour. IEEE Transactions on Image Processing, 2013, 22, 3866-3878.	6.0	24
75	Automatic Delineation of the Myocardial Wall From CT Images Via Shape Segmentation and Variational Region Growing. IEEE Transactions on Biomedical Engineering, 2013, 60, 2887-2895.	2.5	24
76	The glymphatic system and its role in cerebral homeostasis. Journal of Applied Physiology, 2020, 129, 1330-1340.	1.2	22
77	On the multivariable gain margin problem. Automatica, 1986, 22, 381-383.	3.0	21
78	Sensitivity minimization for arbitrary SISO distributed plants. Systems and Control Letters, 1987, 8, 189-195.	1.3	21
79	On the Nehari problem for a certain class of Lˆž functions appearing in control theory, II. Journal of Functional Analysis, 1988, 81, 207-218.	0.7	21
80	A new distribution metric for image segmentation. Proceedings of SPIE, 2008, , .	0.8	21
81	A Nonrigid Kernel-Based Framework for 2D-3D Pose Estimation and 2D Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1098-1115.	9.7	21
82	On the structure of suboptimal Hˆž controllers in the sensitivity minimization problem for distributed stable plants. Automatica, 1991, 27, 293-305.	3.0	20
83	Non-rigid 2D-3D pose estimation and 2D image segmentation. , 2009, , .		19
84	Vector-Valued Optimal Mass Transport. SIAM Journal on Applied Mathematics, 2018, 78, 1682-1696.	0.8	19
85	Geometric Observers for Dynamically Evolving Curves. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1093-1108.	9.7	18
86	The Structured Singular Value for Linear Input/Output Operators. SIAM Journal on Control and Optimization, 1996, 34, 1392-1404.	1.1	17
87	Optimal-mass-transfer-based estimation of glymphatic transport in living brain. , 2015, 9413, .		17
88	GlymphVIS: Visualizing Glymphatic Transport Pathways Using Regularized Optimal Transport. Lecture Notes in Computer Science, 2018, 11070, 844-852.	1.0	17
89	Multiscale 3D shape representation and segmentation with applications to hippocampal/caudate extraction from brain MRI. Medical Image Analysis, 2012, 16, 374-385.	7.0	16
90	Particle filters and occlusion handling for rigid 2D–3D pose tracking. Computer Vision and Image Understanding, 2013, 117, 922-933.	3.0	16

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91	Matricial Wasserstein-1 Distance. , 2017, 1, 1-1.		16
92	Non-distorting Flattening for Virtual Colonoscopy. Lecture Notes in Computer Science, 2000, , 358-366.	1.0	15
93	Signals and control aspects of optimal mass transport and the Boltzmann entropy. , 2010, , .		14
94	Shape-Driven 3D Segmentation Using Spherical Wavelets. Lecture Notes in Computer Science, 2006, 9, 66-74.	1.0	14
95	Optimal Hâˇž interpolation: A new approach. , 1986, , .		13
96	Area-Preserving Mappings for the Visualization of Medical Structures. Lecture Notes in Computer Science, 2003, , 277-284.	1.0	13
97	An Efficient Algorithm for Matrix-Valued and Vector-Valued Optimal Mass Transport. Journal of Scientific Computing, 2018, 77, 79-100.	1.1	13
98	On decoupling the Hâˇž-optimal sensitivity problem for products of plants. Systems and Control Letters, 1986, 7, 239-245.	1.3	12
99	Gain optimization for distributed plants. Systems and Control Letters, 1986, 6, 295-301.	1.3	12
100	On the parametrization of the suboptimal solutions in generalized interpolation. Linear Algebra and Its Applications, 1989, 122-124, 145-164.	0.4	12
101	A novel kernel Wasserstein distance on Gaussian measures: An application of identifying dental artifacts in head and neck computed tomography. Computers in Biology and Medicine, 2020, 120, 103731.	3.9	12
102	Affine Registration of label maps in Label Space. Journal of Computing, 2010, 2, 1-11.	2.0	12
103	Simultaneous Multi-object Segmentation Using Local Robust Statistics and Contour Interaction. Lecture Notes in Computer Science, 2011, , 195-203.	1.0	11
104	Fast approximate surface evolution in arbitrary dimension. , 2008, 6914, .		10
105	A Complete System for Automatic Extraction of Left Ventricular Myocardium From CT Images Using Shape Segmentation and Contour Evolution. IEEE Transactions on Image Processing, 2014, 23, 1340-1351.	6.0	10
106	Interpolation of matrices and matrix-valued densities: The unbalanced case. European Journal of Applied Mathematics, 2019, 30, 458-480.	1.4	10
107	Some remarks on optimal interpolation. Systems and Control Letters, 1988, 11, 259-264.	1.3	9
108	Frequency domain methods for the H âˇž-Optimization of distributed systems. , 1993, , 242-278.		9

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109	Locally-Constrained Region-Based Methods for DW-MRI Segmentation. , 2007, , 1-8.		9
110	Stochastic approximations to curve-shortening flows via particle systems. Journal of Differential Equations, 2003, 195, 119-142.	1.1	8
111	Comparative Analysis of Kernel Methods for Statistical Shape Learning. Lecture Notes in Computer Science, 2006, , 96-107.	1.0	8
112	Wasserstein Geometry of Quantum States and Optimal Transport of Matrix-Valued Measures. Lecture Notes in Control and Information Sciences - Proceedings, 2018, , 139-150.	0.1	8
113	Shape-Based Approach to Robust Image Segmentation using Kernel PCA. Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2006, , 977-984.	1.0	8
114	Localized statistics for DW-MRI fiber bundle segmentation. , 2008, , 1-8.		7
115	Object Tracking and Target Reacquisition Based on 3-D Range Data for Moving Vehicles. IEEE Transactions on Image Processing, 2011, 20, 2912-2924.	6.0	7
116	Medial Axis Computation and Evolution. Modeling and Simulation in Science, Engineering and Technology, 2006, , 1-28.	0.4	7
117	On combined H_∞-H2 suboptimal interpolants. Linear Algebra and Its Applications, 1994, 203-204, 443-469.	0.4	6
118	Area and length preserving geometric invariant scale-spaces. Lecture Notes in Computer Science, 1994, , 449-458.	1.0	6
119	Coronary vessel cores from 3D imagery: a topological approach. , 2005, , .		6
120	On approximation of smooth functions from samples of partial derivatives with application to phase unwrapping. Signal Processing, 2008, 88, 358-374.	2.1	6
121	Particle Filtering with Region-based Matching for Tracking of Partially Occluded and Scaled Targets. SIAM Journal on Imaging Sciences, 2011, 4, 220-242.	1.3	5
122	A video analytics framework for amorphous and unstructured anomaly detection. , 2011, , .		5
123	Evaluation of nucleus segmentation in digital pathology images through large scale image synthesis. Proceedings of SPIE, 2017, 10140, .	0.8	5
124	Guiding Image Segmentation on the Fly: Interactive Segmentation From a Feedback Control Perspective. IEEE Transactions on Automatic Control, 2018, 63, 3276-3289.	3.6	5
125	Noise-Resistant Affine Skeletons of Planar Curves. Lecture Notes in Computer Science, 2000, , 742-754.	1.0	5
126	On the optimal two block H^∞ compensators for distributed unstable plants. , 1992, , .		5

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127	Spectral Nevanlinna-Pick interpolation theory and robust stabilization. , 1987, , .		4
128	Nonlinear H^∞ Optimization: A Causal Power Series Approach. SIAM Journal on Control and Optimization, 1995, 33, 185-207.	1.1	4
129	Fast Optimal Mass Transport for Dynamic Active Contour Tracking on the GPU. , 2007, , .		4
130	Automatic segmentation of the left atrium from MRI images using salient feature and contour evolution. , 2012, 2012, 3211-4.		4
131	Nano filler dispersion in polymer composites for electronic packaging. , 2012, , .		4
132	Anomaly detection in videos: A dynamical systems approach. , 2013, , .		4
133	Iterative Commutant Lifting for Systems with Rational Symbol. , 1989, , 255-277.		4
134	New Solution to The Two Block H^|^infin; Problem for Infinite-Dimensional Stable Plants. Transactions of the Society of Instrument and Control Engineers, 1996, 32, 1416-1424.	0.1	4
135	Optimal sensitivity theory for multivariate distributed plants. International Journal of Control, 1988, 47, 985-992.	1.2	3
136	Synthesis Methods for Robust Nonlinear Control. , 1993, , .		3
137	Visual tracking, active vision, and gradient flows. , 1998, , 183-194.		3
138	Trajectory control of PbSeâ€"Î³-Fe2O3nanoplatforms under viscous flow and an external magnetic field. Nanotechnology, 2010, 21, 175702.	1.3	3
139	Interactive MRI segmentation with controlled active vision. , 2011, , 2293-2298.		3
140	Reconstruction and feature selection for desorption electrospray ionization mass spectroscopy imagery. Proceedings of SPIE, 2014, 9036, 90360D.	0.8	3
141	Optimal mass transport kinetic modeling for head and neck DCEâ€"MRI: Initial analysis. Magnetic Resonance in Medicine, 2019, 82, 2314-2325.	1.9	3
142	Equi-affine differential invariants for invariant feature point detection. European Journal of Applied Mathematics, 2020, 31, 277-296.	1.4	3
143	Segmentation of Diffusion Tensor Imagery. , 2003, , 239-247.		3
144	4D Active Surfaces for Cardiac Analysis. Lecture Notes in Computer Science, 2002, , 667-673.	1.0	3

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145	H^∞-Optimal Control and Related Minimax Design Problems (Tamer Basar and Pierre Bernhard). SIAM Review, 1993, 35, 538-540.	4.2	2
146	On the structured singular value for operators on Hilbert space. , 1995, , 11-23.		2
147	On the eye tracking problem: a challenge for robust control. International Journal of Robust and Nonlinear Control, 2000, 10, 875-888.	2.1	2
148	Affine invariant surface evolutions for 3D image segmentation. , 2006, , .		2
149	Nonparametric Clustering for Studying RNA Conformations. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 1604-1619.	1.9	2
150	Temporal registration of partial data using particle filtering. , 2011, , 2177-2180.		2
151	Macroscopic analysis of crowd motion in video sequences. , 2014, , .		2
152	Fisher-Rao Regularized Transport Analysis of the Glymphatic System and Waste Drainage. Lecture Notes in Computer Science, 2020, 12267, 573-582.	1.0	2
153	On the uniqueness of a minimal norm representative of an operator in the commutant of the compressed shift. Proceedings of the American Mathematical Society, 1987, 101, 687-687.	0.4	2
154	Non-rigid 2D-3D pose estimation and 2D image segmentation. , 2009, , .		2
155	Mass Preserving Registration for Heart MR Images. Lecture Notes in Computer Science, 2005, 8, 147-154.	1.0	2
156	Curve Shortening and Interacting Particle Systems. Modeling and Simulation in Science, Engineering and Technology, 2006, , 303-311.	0.4	2
157	Knowledge-Based Segmentation of Brain MRI Scans Using the Insight Toolkit. The Insight Journal, 2005, , .	0.2	2
158	On skew Toeplitz operations, I. , 1987, , .		1
159	Weighted sensitivity minimization: General plants in H^{∞} and rational weights. , 1987, , .		1
160	New Solution to the Two Block H âˆž Problem for Infinite-Dimensional Stable Plants. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 3051-3056.	0.4	1
161	Computation of the singular values of Toeplitz operators and the gap metric. Systems and Control Letters, 1999, 36, 327-338.	1.3	1
162	Tissue tracking: applications for brain MRI classification. , 2007, 6512, .		1

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163	TAC: Thresholding active contours. , 2008, , .		1
164	Range based object tracking and segmentation. , 2010, , .		1
165	Matrix-valued Monge-Kantorovich optimal mass transport. , 2013, , .		1
166	Interpolation of longitudinal shape and image data via optimal mass transport. Proceedings of SPIE, 2014, 9034, 90342X.	0.8	1
167	Interactive image segmentation framework based on control theory. Proceedings of SPIE, 2015, 9413, .	0.8	1
168	Optimal Mass Transport for Problems in Control, Statistical Estimation, and Image Analysis. , 2012, , 311-324.		1
169	Nonlinear H âˇž Theory. , 1990, , 267-276.		1
170	Standard Problem for Distributed Systems. , 1990, , 599-608.		1
171	The Equivalence among the Solutions of the H^|^infin; Optimal Sensitivity Computation Problem. Transactions of the Society of Instrument and Control Engineers, 1995, 31, 1954-1961.	0.1	1
172	On decoupling the H^{âˇž}-optimal sensitivity problem for products of plants. , 1986, , .		0
173	On the spectra and invertibility of certain operators in systems theory. , 1987, , .		0
174	Spectral Tangential Interpolation and Gain Margin Problems. , 1990, , .		0
175	Nonlinearity in H ?-control theory, causality in the commutant lifting theorem, and extension of intertwining operators. Integral Equations and Operator Theory, 1995, 23, 89-100.	0.4	0
176	Visual Tracking and Object Recognition. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 1539-1542.	0.4	0
177	Statistical shape learning for 3D tracking. , 2009, , .		0
178	Sparse Blind Source Separation via â„"1-Norm Optimization. Lecture Notes in Control and Information Sciences, 2010, , 321-330.	0.6	0
179	Delay estimation for wireless LAN control of nonlinear systems. , 2010, , .		0
180	Fast Hamilton-Jacobi equation solver and neural fiber bundle extraction. Proceedings of SPIE, 2010, , .	0.8	0

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181	3D Automatic Segmentation of the Hippocampus Using Wavelets with Applications to Radiotherapy Planning. Advances in Intelligent and Soft Computing, 2010, , 17-31.	0.2	0
182	A robust aim point tracking algorithm for 3-D laser radar imagery. , 2011, , .		0
183	Sulci segmentation using geometric active contours. Proceedings of SPIE, 2017, , .	0.8	0
184	Machine Learning for Joint Classification and Segmentation. Lecture Notes in Control and Information Sciences - Proceedings, 2018, , 327-339.	0.1	0
185	Control-Based Segmentation. , 2021, , 409-414.		0
186	Numerical Methods in Curve Evolution Theory. , 2021, , 865-874.		0
187	Crystalline Stochastic Systems and Curvature Driven Flows. The IMA Volumes in Mathematics and Its Applications, 2003, , 41-61.	0.5	0
188	Human Supervisory Control Framework for Interactive Medical Image Segmentation. , 2012, , 77-88.		0
189	Numerical Methods in Curve Evolution Theory. , 2014, , 523-531.		0
190	Iterative Commutant Lifting for Systems with Rational Symbol. , 1989, , 747-769.		0
191	Operator Theoretic Methods in the Control of Distributed and Nonlinear Systems. The IMA Volumes in Mathematics and Its Applications, 1990, , 51-78.	0.5	0
192	Generalized Interpolation Theory and Its Application to Robust Control Design. Control and Dynamic Systems, 1993, , 163-217.	0.1	0
193	Affine invariant gradient flows. Lecture Notes in Control and Information Sciences, 1996, , 194-200.	0.6	0
194	On the Nonlinear Standard Hâˇž Problem. , 1997, , 413-429.		0
195	Differential Invariants and Curvature Flows in Active Vision. European Consortium for Mathematics in Industry, 1997, , 196-213.	0.4	0
196	Skew Toeplitz Solution to The H^|^infin; Problem for Infinite-Dimensional Unstable Plants. Transactions of the Society of Instrument and Control Engineers, 1997, 33, 1066-1071.	0.1	0
197	Gradients, Curvature, and Visual Tracking. , 1998, , 375-390.		0
198	Extraction of breast lesions from ultrasound imagery: Bhattacharyya gradient flow approach. , 2018, , .		0

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199	Control-Based Segmentation. , 2020, , 1-6.		0
200	Label Space: A Multi-object Shape Representation. , 2008, , 185-196.		0
201	Multimodal Registration of White Matter Brain Data via Optimal Mass Transport. , 2008, , .		0