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Computer Vision  
Image and Signal Processing  
Automatic Control

	All	Since 2014
Citations	329	253
h-index	8	8
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TITLE	CITED BY	YEAR
<a href="#">Global minimum torque ripple design for direct torque control of induction motor drives</a> KK Shyu, JK Lin, VT Pham, MJ Yang, TW Wang Industrial Electronics, IEEE Transactions on 57 (9), 3148-3156	178	2010
<a href="#">Global and local fuzzy energy-based active contours for image segmentation</a> KK Shyu, VT Pham, TT Tran, PL Lee Nonlinear Dynamics 67 (2), 1559-1578	27	2012
<a href="#">Unsupervised active contours driven by density distance and local fitting energy with applications to medical image segmentation</a> KK Shyu, VT Pham, TT Tran, PL Lee Machine Vision and Applications 23 (6), 1159-1175	18	2012
<a href="#">Active contour with selective local or global segmentation for intensity inhomogeneous image</a> TT Tran, VT Pham, YJ Chiu, KK Shyu 2010 3rd International Conference on Computer Science and Information ...	16	2010
<a href="#">Multiphase B-spline level set and incremental shape priors with applications to segmentation and tracking of left ventricle in cardiac MR images</a> VT Pham, TT Tran, KK Shyu, LY Lin, YH Wang, MT Lo Machine vision and applications 25 (8), 1967-1987	12	2014
<a href="#">Image Segmentation using Fuzzy Energy-based Active Contour with Shape Prior</a> TT Tran, VT Pham, KK Shyu Journal of Visual Communication and Image Representation 25 (7), 1732-1745	12	2014
<a href="#">Active contour model and nonlinear shape priors with application to left ventricle segmentation in cardiac MR images</a> VT Pham, TT Tran Optik-International Journal for Light and Electron Optics 127 (3), 991-1002	8	2016
<a href="#">Moment-based alignment for shape prior with variational B-spline level set</a> TT Tran, VT Pham, KK Shyu Machine Vision and Applications 24 (5), 1075-1091	8	2013
<a href="#">Image segmentation based on geodesic aided Chan-Vese model</a> TT Tran, VT Pham, YJ Chiu, KK Shyu 2010 3rd International Conference on Computer Science and Information ...	7	2010
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<p><a href="#">MRI image segmentation based on fast global minimization of snake model</a>            TT Tran, PL Lee, VT Pham, KK Shyu            2008 10th International Conference on Control, Automation, Robotics and ...</p>	6	2008
<p><a href="#">Zernike moment and local distribution fitting fuzzy energy-based active contours for image segmentation</a>            TT Tran, VT Pham, KK Shyu            Signal, Image and Video Processing 8 (1), 11-25</p>	5	2014
<p><a href="#">Fuzzy distribution fitting energy-based active contours for image segmentation</a>            KK Shyu, TT Tran, VT Pham, PL Lee, LJ Shang            Nonlinear Dynamics 69 (1-2), 295-312</p>	5	2012
<p><a href="#">Evaluation of active contour on medical inhomogeneous image segmentation</a>            YJ Chiu, VT Pham, TT Tran, KK Shyu            2010 3rd International Conference on Computer Science and Information ...</p>	5	2010
<p><a href="#">Acoustic-integrated dynamic MR imaging for a patient with obstructive sleep apnea</a>            YJ Chen, TTF Shih, YC Chang, YC Hsu, LK Huon, MT Lo, VT Pham, C Lin, ...            Magnetic resonance imaging 33 (10), 1350-1352</p>	4	2015
<p><a href="#">Region-aided Geodesic Active Contour model for image segmentation</a>            VT Pham, TT Tran, YJ Chiu, KK Shyu            2010 3rd International Conference on Computer Science and Information ...</p>	4	2010
<p><a href="#">Synchronized imaging and acoustic analysis of the upper airway in patients with sleep-disordered breathing</a>            YC Chang, LK Huon, VT Pham, YJ Chen, SF Jiang, TTF Shih, TT Tran, ...            Physiological Measurement 35 (12), 2501-2512</p>	3	2014
<p><a href="#">Shape collaborative representation with fuzzy energy based active contour model</a>            VT Pham, TT Tran, KK Shyu, C Lin, PC Wang, MT Lo            Engineering Applications of Artificial Intelligence 56, 60-74</p>	2	2016
<p><a href="#">Empirical Mode Decomposition and Monogenic Signal-Based Approach for Quantification of Myocardial Infarction From MR Images</a>            TT Tran, VT Pham, C Lin, HW Yang, YH Wang, KK Shyu, WYI Tseng, ...            IEEE journal of biomedical and health informatics 23 (2), 731-743</p>	1	2019
<p><a href="#">Development of an Automatic Diagnostic Algorithm for Pediatric Otitis Media</a>            TT Tran, TY Fang, VT Pham, C Lin, PC Wang, MT Lo            Otology &amp; Neurotology 39 (8), 1060-1065</p>	1	2018