Michal Bartoš

List of Publications by Year
in descending order

13 papers	**651** citations

1307543

7 h-index	

1199563

12 g-index	

16 all docs	**16** docs citations	**16** times ranked	**1330** citing authors

#	Article	IF	Citations
1	Anti-VEGF treatment reduces blood supply and increases tumor cell invasion in glioblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3749-3754.	7.1	552
2	Single-Channel Blind Estimation of Arterial Input Function and Tissue Impulse Response in DCE-MRI. IEEE Transactions on Biomedical Engineering, 2012, 59, 1012-1021.	4.2	29
3	Distributed capillary adiabatic tissue homogeneity model in parametric multi‐channel blind AIF estimation using DCE‐MRI. Magnetic Resonance in Medicine, 2016, 75, 1355-1365.	3.0	13
4	Fast Bayesian JPEG Decompression and Denoising With Tight Frame Priors. IEEE Transactions on Image Processing, 2017, 26, 490-501.	9.8	9
5	Blind deconvolution estimation of an arterial input function for small animal DCE-MRI. Magnetic Resonance Imaging, 2019, 62, 46-56.	1.8	9
6	The precision of DCE-MRI using the tissue homogeneity model with continuous formulation of the perfusion parameters. Magnetic Resonance Imaging, 2014, 32, 505-513.	1.8	8
7	PIZZARO: Forensic analysis and restoration of image and video data. Forensic Science International, 2016, 264, 153-166.	2.2	7
8	Blind deconvolution in dynamic contrast-enhanced MRI and ultrasound. , 2014, 2014, 4276-9.		6
9	Efficient JPEG decompression by the alternating direction method of multipliers. , 2016, , .		4
10	A computer-assisted system for handheld whole-breast ultrasonography. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 509-516.	2.8	4
11	Time-Efficient Perfusion Imaging Using DCE- and DSC-MRI. Measurement Science Review, 2018, 18, 262-271.	1.0	3
12	Spatially regularized estimation of the tissue homogeneity model parameters in DCE‐MRI using proximal minimization. Magnetic Resonance in Medicine, 2019, 82, 2257-2272.	3.0	2
13	Evaluating Spatial Coverage of Breast Examination with Free-hand Ultrasound Transducer. , 2017, , .		1