

Bongyong Song

List of Publications by Year in descending order

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14
papers

1,018
citations

1039406

9
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifth generation (5G) cellular and the network for tomorrow: cognitive and cooperative approach for energy savings. <i>Journal of Network and Computer Applications</i> , 2017, 85, 84-93.	5.8	22
2	Variable step size methods for solving simultaneous algebraic reconstruction technique (SART)-type CBCT reconstructions. <i>Oncotarget</i> , 2017, 8, 33827-33835.	0.8	5
3	Digitally Controlled Analog Wideband Interference Cancellation for In-Device Spectrum Sharing and Aggregation. <i>IEEE Journal on Selected Areas in Communications</i> , 2016, 34, 2838-2850.	9.7	9
4	An efficient iterative CBCT reconstruction approach using gradient projection sparse reconstruction algorithm. <i>Oncotarget</i> , 2016, 7, 87342-87350.	0.8	9
5	Development and operation of a prototype cone-beam computed tomography system for X-ray medical imaging. <i>Journal of the Korean Physical Society</i> , 2014, 64, 129-134.	0.3	3
6	A holistic view on hyper-dense heterogeneous and small cell networks. <i>IEEE Communications Magazine</i> , 2013, 51, 20-27.	4.9	538
7	Motion-Map constrained image reconstruction (MCIR): Application to four-dimensional cone-beam computed tomography. <i>Medical Physics</i> , 2013, 40, 121710.	1.6	19
8	Fast compressed sensing-based CBCT reconstruction using Barzilai-Borwein formulation for application to on-line IGRT. <i>Medical Physics</i> , 2012, 39, 1207-1217.	1.6	125
9	Liver motion during cone beam computed tomography guided stereotactic body radiation therapy. <i>Medical Physics</i> , 2012, 39, 6431-6442.	1.6	93
10	GateCT's surface tracking system for respiratory signal reconstruction in 4DCT imaging. <i>Medical Physics</i> , 2011, 39, 492-502.	1.6	21
11	Ultra-Fast Digital Tomosynthesis Reconstruction Using General-Purpose GPU Programming for Image-Guided Radiation Therapy. <i>Technology in Cancer Research and Treatment</i> , 2011, 10, 295-306.	0.8	24
12	Exploiting multiuser diversity for fair scheduling in MIMO downlink networks with imperfect channel state information. <i>IEEE Transactions on Communications</i> , 2009, 57, 470-480.	4.9	7
13	Weighted max-min fair beamforming, power control, and scheduling for a MISO downlink. <i>IEEE Transactions on Wireless Communications</i> , 2008, 7, 464-469.	6.1	27
14	Network Duality for Multiuser MIMO Beamforming Networks and Applications. <i>IEEE Transactions on Communications</i> , 2007, 55, 618-630.	4.9	116