

Bongyong Song

List of Publications by Year
in descending order

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14
papers

1,018
citations

1040056

9
h-index

1058476

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. Journal of Network and Computer Applications, 2017, 85, 84-93.	9.1	22
2	Variable step size methods for solving simultaneous algebraic reconstruction technique (SART)-type CBCT reconstructions. Oncotarget, 2017, 8, 33827-33835.	1.8	5
3	Digitally Controlled Analog Wideband Interference Cancellation for In-Device Spectrum Sharing and Aggregation. IEEE Journal on Selected Areas in Communications, 2016, 34, 2838-2850.	14.0	9
4	An efficient iterative CBCT reconstruction approach using gradient projection sparse reconstruction algorithm. Oncotarget, 2016, 7, 87342-87350.	1.8	9
5	Development and operation of a prototype cone-beam computed tomography system for X-ray medical imaging. Journal of the Korean Physical Society, 2014, 64, 129-134.	0.7	3
6	A holistic view on hyper-dense heterogeneous and small cell networks. IEEE Communications Magazine, 2013, 51, 20-27.	6.1	538
7	Motionâ€map constrained image reconstruction (MCIR): Application to fourâ€dimensional coneâ€beam computed tomography. Medical Physics, 2013, 40, 121710.	3.0	19
8	Fast compressed sensing-based CBCT reconstruction using Barzilai-Borwein formulation for application to on-line IGRT. Medical Physics, 2012, 39, 1207-1217.	3.0	125
9	Liver motion during cone beam computed tomography guided stereotactic body radiation therapy. Medical Physics, 2012, 39, 6431-6442.	3.0	93
10	GateCTâ„¢ surface tracking system for respiratory signal reconstruction in 4DCT imaging. Medical Physics, 2011, 39, 492-502.	3.0	21
11	Ultra-Fast Digital Tomosynthesis Reconstruction Using General-Purpose GPU Programming for Image-Guided Radiation Therapy. Technology in Cancer Research and Treatment, 2011, 10, 295-306.	1.9	24
12	Exploiting multiuser diversity for fair scheduling in MIMO downlink networks with imperfect channel state information. IEEE Transactions on Communications, 2009, 57, 470-480.	7.8	7
13	Weighted max-min fair beamforming, power control, and scheduling for a MISO downlink. IEEE Transactions on Wireless Communications, 2008, 7, 464-469.	9.2	27
14	Network Duality for Multiuser MIMO Beamforming Networks and Applications. IEEE Transactions on Communications, 2007, 55, 618-630.	7.8	116