

Zbigniew Chaniecki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

244
citations

1307594

7
h-index

1474206

9
g-index

21
all docs

21
docs citations

21
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Description of the silo flow and bulk solid pulsation detection using ECT. Flow Measurement and Instrumentation, 2010, 21, 198-206.	2.0	55
2	Determination of bulk solid concentration changes during granular flow in a model silo with ECT sensors. Chemical Engineering Science, 2009, 64, 20-30.	3.8	45
3	ECT Image Analysis Methods for Shear Zone Measurements during Silo Discharging Process. Chinese Journal of Chemical Engineering, 2012, 20, 337-345.	3.5	32
4	Application of Electrical Capacitance Tomography for Bulk Solids Flow Analysis in Silos. Particle and Particle Systems Characterization, 2006, 23, 306-312.	2.3	24
5	Application of ECT to solid concentration measurements during granular flow in a rectangular model silo. Chemical Engineering Research and Design, 2010, 88, 1037-1048.	5.6	19
6	Contextual processing of ECT measurement information towards detection of process emergency states. , 2013, , .		18
7	Study of granular flow in silo based on electrical capacitance tomography and optical imaging. Flow Measurement and Instrumentation, 2018, 62, 186-195.	2.0	16
8	Application of twin-plane ECT sensor for identification of the internal imperfections inside concrete beams. , 2016, , .		13
9	Interactive Timeline Approach for Contextual Spatio-Temporal ECT Data Investigation. Sensors, 2020, 20, 4793.	3.8	10
10	Exploring EMG gesture recognition - interactive armband for audio playback control. , 0, , .		5
11	Visualisation of Granular Material Concentration Changes, During Silo Discharging Process, Using ECT Large Scale Sensor. Image Processing & Communications, 2012, 17, 327-338.	0.3	2
12	Image processing for evaluation of settled layer during pneumatic conveying of granular solids. , 2018, , .		2
13	Design and implementation of a pervasive occupancy displaying system in an academic environment. , 2013, , .		1
14	Analysis of silo flow dynamic effects using ECT and short time fourier transform. Flow Measurement and Instrumentation, 2018, 62, 167-175.	2.0	1
15	SpiderHand. , 2019, , .		1
16	Educational presentation of raw data in electrical capacitance tomography. , 0, , .		0
17	Evolutionary Algorithms Approach for Cutting Stock Problem. Image Processing & Communications, 2012, 17, 297-306.	0.3	0
18	Towards digital vehicle identification based on engine control units memory analysis. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Performance analysis of short-time fourier transform algorithm with selected optimization methods. , 2018, , .		0
20	Lighting Simulation Algorithms in Real-World Sacral Building Visualisation. Advances in Human and Social Aspects of Technology Book Series, 2018, , 214-236.	0.3	0
21	Beyond Imaging - Interactive Tabletop System for Tomographic Data Visualization and Analysis. Advances in Intelligent Systems and Computing, 2019, , 90-100.	0.6	0