

Yajing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

101
citations

1684188

5
h-index

1474206

9
g-index

20
all docs

20
docs citations

20
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonnegative least-squares truncated singular value decomposition to particle size distribution inversion from dynamic light scattering data. Applied Optics, 2010, 49, 6591.	2.1	34
2	The measurement system of nanoparticle size distribution from dynamic light scattering data. Optics and Lasers in Engineering, 2014, 56, 94-98.	3.8	19
3	The non-negative truncated singular value decomposition for adaptive sampling of particle size distribution in dynamic light scattering inversion. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 246, 106917.	2.3	10
4	Particle Size Measurement Using Dynamic Light Scattering at Ultra-Low Concentration Accounting for Particle Number Fluctuations. Materials, 2021, 14, 5683.	2.9	9
5	Wavelet packet transform and improved complete ensemble empirical mode decomposition with adaptive noise based power quality disturbance detection. Journal of Power Electronics, 2022, 22, 1334-1346.	1.5	7
6	Harmonic Detection for Harmonic/Inter-Harmonic Based on Improved Glowworm Swarm Optimization and Neural Network. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1769-1779.	1.4	6
7	Particle size distribution measurement in a flowing aerosol using dynamic light scattering. Measurement Science and Technology, 2021, 32, 075007.	2.6	6
8	Residual Current Detection Method Based on Variational Modal Decomposition and Dynamic Fuzzy Neural Network. IEEE Access, 2021, 9, 142925-142937.	4.2	5
9	Teaching software development of digital image processing based on VB. , 2010, , .		2
10	Inversion of photon correlation spectroscopy based on truncated singular value decomposition and cascadic multigrid technology. Applied Optics, 2013, 52, 2792.	1.8	2
11	Research on Tikhonov regularization parameter selection in dynamic light scattering measurement of flowing particles. Journal of Optics (India), 0, , 1.	1.7	1
12	Web-Based Interactive Learning Platform of Multimedia Technology Course. , 2009, , .		0
13	Simulation of the light signal scattered by brownian colloidal particles. , 2010, , .		0
14	Teaching software design of particles size measurement with microscope image. , 2010, , .		0
15	Multimedia courseware design of real-time computing power based on Powerpoint and MATLAB. , 2010, , .		0
16	Design of Intelligent Security System Based on ARM Microcontroller. , 2010, , .		0
17	Simulation of dynamic light scattering signal based on wavelet transform. , 2010, , .		0
18	Parameters influence analysis of dynamic light scattering signal simulation method of wavelet transform. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	A Three-Dimensional Tracking Method with the Self-Calibration Functions of Coaxiality and Magnification for Single Fluorescent Nanoparticles. Applied Sciences (Switzerland), 2020, 10, 131.	2.5	0
20	The analysis of influencing factors on Tikhonov and truncated singular value decomposition inversion of flowing aerosol particle in dynamic light scattering. Journal of Optics (India), 0, , 1.	1.7	0