

Shaodong

List of Publications by Year in descending order

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69
papers

1,054
citations

361413

20
h-index

434195

31
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71
all docs

71
docs citations

71
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on generation of rock fracture surfaces by using fractal interpolation. <i>International Journal of Solids and Structures</i> , 2001, 38, 5765-5787.	2.7	100
2	Heat transfer from a rigid sphere in a nonuniform flow and temperature field. <i>International Journal of Heat and Mass Transfer</i> , 1994, 37, 2069-2076.	4.8	89
3	Design and Implementation of a Self-Validating Pressure Sensor. <i>IEEE Sensors Journal</i> , 2009, 9, 207-218.	4.7	50
4	Fractal interpolation surfaces with function vertical scaling factors. <i>Applied Mathematics Letters</i> , 2012, 25, 1896-1900.	2.7	48
5	Genetic variability analysis in five populations of the sea cucumber <i>Stichopus</i> (<i>Apostichopus japonicus</i>) from China, Russia, South Korea and Japan as revealed by microsatellite markers. <i>Marine Ecology</i> , 2009, 30, 455-461.	1.1	42
6	Damping properties of Mg-Ca binary alloys. <i>Physica B: Condensed Matter</i> , 2008, 403, 2438-2442.	2.7	40
7	Comparison of performance of stone matrix asphalt mixtures using basalt and limestone aggregates. <i>Construction and Building Materials</i> , 2013, 41, 474-479.	7.2	39
8	White Light Emission Characteristics of Tb ³⁺ /Sm ³⁺ Co-Doped Glass Ceramics Containing YPO ₄ Nanocrystals. <i>Journal of Materials Science and Technology</i> , 2017, 33, 432-437.	10.7	39
9	Variation and Minkowski dimension of fractal interpolation surface. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 345, 322-334.	1.0	38
10	Event-triggered robust H_∞ control for uncertain switched linear systems. <i>International Journal of Systems Science</i> , 2017, 48, 3172-3185.	5.5	37
11	A review of self-validating sensor technology. <i>Sensor Review</i> , 2007, 27, 48-56.	1.8	35
12	Box-counting dimensions of fractal interpolation surfaces derived from fractal interpolation functions. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 412, 416-425.	1.0	32
13	Research on health evaluation system of liquid-propellant rocket engine ground-testing bed based on fuzzy theory. <i>Acta Astronautica</i> , 2007, 61, 840-853.	3.2	29
14	High sensitivity spectroscopy of cesium Rydberg atoms using electromagnetically induced transparency. <i>Optics Express</i> , 2009, 17, 15821.	3.4	28
15	A bibliometric analysis of oyster research from 1991 to 2014. <i>Aquaculture International</i> , 2016, 24, 327-344.	2.2	28
16	Mass and heat transfer from fluid spheres at low Reynolds numbers. <i>Powder Technology</i> , 2000, 112, 63-69.	4.2	24
17	Precipitation and responding damping behavior of heat-treated AZ31 magnesium alloy. <i>Acta Metallurgica Sinica (English Letters)</i> , 2009, 22, 1-6.	2.9	24
18	On Stability of Fractal Interpolation. <i>Fractals</i> , 1998, 06, 269-273.	3.7	23

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19	Photoplethysmography-Based Blood Pressure Estimation Combining Filter-Wrapper Collaborated Feature Selection With LASSO-LSTM Model. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	22
20	Infrared luminescent properties of Na ₅ Lu ₉ F ₃₂ single crystals co-doped Er ³⁺ /Yb ³⁺ grown by Bridgman method. Journal of Alloys and Compounds, 2016, 686, 816-822.	5.5	21
21	Off-highway heavy-duty truck under-hood thermal analysis. Applied Thermal Engineering, 2010, 30, 1726-1733.	6.0	19
22	Luminescent properties of Ce ³⁺ /Tb ³⁺ -co-doped glass ceramics containing YPO ₄ nanocrystals for W-LEDs. Journal of Rare Earths, 2016, 34, 464-469.	4.8	18
23	Collisional loss of cesium Rydberg atoms in a magneto-optical trap. Physical Review A, 2011, 83, .	2.5	17
24	Quantum-Based Determination of Antenna Finite Range Gain by Using Rydberg Atoms. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1589-1592.	4.0	17
25	Infrared spectral properties for $\hat{\pm}$ -NaYF ₄ single crystal of various Er ³⁺ -doping concentrations. Optics and Laser Technology, 2016, 82, 157-162.	4.6	16
26	Evolution of the pairs of ultracold Rydberg atoms in the repulsive potential. Optics Express, 2010, 18, 11599.	3.4	14
27	Hybrid III-V/silicon single-mode laser with periodic microstructures. Optics Letters, 2013, 38, 842.	3.3	14
28	Energy transfer and 2.0 $\hat{\pm}$ 4m emission in Tm ³⁺ /Ho ³⁺ co-doped $\hat{\pm}$ -NaYF ₄ single crystals. Materials Research Bulletin, 2016, 76, 279-283.	5.2	14
29	Comparison of SOM and PCA-SOM in Fault Diagnosis of Ground-testing Bed. Procedia Engineering, 2011, 15, 1271-1276.	1.2	12
30	Modeling of Free Surface Flows Using Improved Material Point Method and Dynamic Adaptive Mesh Refinement. Journal of Engineering Mechanics - ASCE, 2016, 142, .	2.9	11
31	Equilibrium and non-equilibrium microstructures of Mg $\hat{\pm}$ Zn $\hat{\pm}$ Y quasicrystal alloy. Materials Letters, 2008, 62, 1711-1714.	2.6	10
32	Fluorescence spectra of Na ₅ Lu ₉ F ₃₂ single crystals co-doped with Ho ³⁺ /Tm ³⁺ grown by Bridgman method. Chemical Physics Letters, 2016, 652, 68-72.	2.6	10
33	Time-consistent optimal fiscal policy over the business cycle. Quantitative Economics, 2015, 6, 189-221.	1.4	8
34	1.8 $\hat{\pm}$ 4m luminescent properties and energy transfer of Yb ³⁺ /Tm ³⁺ co-doped $\hat{\pm}$ -NaYF ₄ single crystals. Journal of Alloys and Compounds, 2016, 680, 26-30.	5.5	8
35	Luminescent properties of Eu ³⁺ -doped $\hat{\pm}$ -NaYF ₄ single crystal under NUV-excitation. Journal of Modern Optics, 2017, 64, 164-169.	1.3	8
36	Employment-based health insurance and misallocation: Implications for the macroeconomy. Review of Economic Dynamics, 2017, 23, 125-149.	1.5	8

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37	Tandem Photocatalysis: An Efficient Synthesis of Multisubstituted Benzimidazoles by Visible-Light-Induced Intramolecular Cyclization and Deprotection. Asian Journal of Organic Chemistry, 2016, 5, 1467-1470.	2.7	7
38	Indeterminacy in stochastic overlapping generations models: real effects in the long run. Economic Theory, 2017, 63, 559-585.	0.9	5
39	Aero-engine rotor-stator rubbing position identification based on casing velocity signal. Journal of Vibroengineering, 2016, 18, 2123-2134.	1.0	5
40	Characteristic extraction of rolling bearing compound faults of aero-engine. Journal of Vibroengineering, 2017, 19, 4285-4299.	1.0	5
41	Single Jet Mixing at Arbitrary Angle in Turbulent Tube Flow. Journal of Fluids Engineering, Transactions of the ASME, 1999, 121, 762-765.	1.5	4
42	Nonorthogonal Wavelet Packets with r Scaling Functions. Journal of Computational Analysis and Applications, 2001, 3, 317-330.	0.2	4
43	INTEGRATION AND FOURIER TRANSFORM OF FRACTAL INTERPOLATION FUNCTIONS. Fractals, 2005, 13, 33-41.	3.7	4
44	The Time-Inconsistency Problem of Labor Taxes and Constitutional Constraints. Dynamic Games and Applications, 2016, 6, 225-242.	1.9	4
45	Analysis of Collisional Cross Sections of Rydberg nS and nD States of Ultracold Caesium Atoms. Journal of the Physical Society of Japan, 2016, 85, 054301.	1.6	3
46	Efficient upconversion luminescence in Er ³⁺ /Yb ³⁺ co-doped cubic NaYF ₄ single crystals by vertical Bridgman method with KF flux. Chinese Journal of Physics, 2016, 54, 256-262.	3.9	3
47	AN EVALUATION OF CONSTITUTIONAL CONSTRAINTS ON CAPITAL TAXATION. Macroeconomic Dynamics, 2017, 21, 1519-1544.	0.7	3
48	Transient response analysis of one-dimensional distributed parameter systems. International Journal of Solids and Structures, 1999, 36, 2807-2824.	2.7	2
49	Many-Body Ionization of a Dense Rydberg Gas in Repulsive Potential. Journal of the Physical Society of Japan, 2010, 79, 054301.	1.6	2
50	Tackling indeterminacy in overlapping generations models. Mathematical Methods of Operations Research, 2013, 77, 445-457.	1.0	2
51	A III ^V /silicon hybrid racetrack ring single-mode laser with periodic microstructures. Optics Communications, 2013, 301-302, 112-115.	2.1	2
52	A self-validating pressure sensor. , 2008, , .		1
53	Research on Rock Fracture Surface Morphology Characterization under Brazilian Test. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	1
54	Self-validating Pneumatic Actuator Fault Diagnosis Based on Relevance Vector Machine. International Journal of Control and Automation, 2014, 7, 193-212.	0.3	1

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55	The Application of Extreme Learning Machine and Support Vector Machine in Speech Endpoint Detection. International Journal of Control and Automation, 2016, 9, 191-202.	0.3	1
56	Fractal aggregation and breakup of fine particles. Thermal Science, 2016, 20, 797-801.	1.1	1
57	CONSTRUCTING MULTIPLE WAVELET PACKETS WITH FIFS. Fractals, 2001, 09, 165-169.	3.7	0
58	ON THE MINKOWSKI DIMENSION OF FUNCTIONAL DIGRAPH. Fractals, 2003, 11, 87-92.	3.7	0
59	Parameter optimization of LS-SVM for regression using NGA. , 2007, 6560, 80.		0
60	Design and analysis of a self-validating pressure transducer. , 2009, , .		0
61	Research on Method for Distinguishing Sensor Fault and System Fault with PCA. , 2010, , .		0
62	Geochemistry of U and Th during formation of limestone soils and their effect on environment. , 2011, , .		0
63	Fault feature extraction of ground-testing bed based on SNGA optimized KPCA. , 2011, , .		0
64	Column experiments on remedy acid seepage water from U-containing debris with PRB. , 2011, , .		0
65	Geological structural interpretation based on high spatial resolution remote sensing data in Zhuguang Uranium Ore Concentrated Area. , 2011, , .		0
66	Hybrid III-V/silicon single mode laser with periodic microstructures: erratum. Optics Letters, 2013, 38, 1902.	3.3	0
67	A traceable method for measuring modulation error ratio of radio frequency signals. , 2016, , .		0
68	State dependence of Rydberg interaction-induced collisional loss. Laser Physics, 2016, 26, 095502.	1.2	0
69	A traceable approach for measuring key parameters of digital video broadcasting signals. , 2017, , .		0