

Chi Zhang

List of Publications by Year in descending order

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197
papers

8,323
citations

81839

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60583

81
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209
all docs

209
docs citations

209
times ranked

11540
citing authors

#	ARTICLE	IF	CITATIONS
1	Tension reduction method for a modular cable-driven robotic arm with co-shared cables. <i>Intelligent Service Robotics</i> , 2022, 15, 27-38.	1.6	2
2	Design and Modeling of a Compound Twisted and Coiled Actuator Based on Spandex Fibers and an SMA Skeleton. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 1439-1446.	3.3	4
3	Design and Analysis of a Stiffness-Enhanced 3-PPS Parallel Mechanism for Fault-Tolerant Underwater Vectored Thrusters. <i>Machines</i> , 2022, 10, 88.	1.2	3
4	Harmonic and Vibration Analysis of Dual Three-Phase PMSM with One-Phase Open Circuit Fault. <i>Symmetry</i> , 2022, 14, 290.	1.1	1
5	Carbon variation of dry grasslands in Central Asia in response to climate controls and grazing appropriation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32205-32219.	2.7	5
6	Design and Positioning Control of a Flexure-Based Nano-positioning Stage Driven by Halbach Array Voice Coil Actuator. <i>International Journal of Precision Engineering and Manufacturing</i> , 2022, 23, 281-290.	1.1	2
7	A "Look-Backward-and-Forward" Adaptation Strategy for Assessing Parameter Estimation Error of Human Motion Prediction Model. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 2629-2636.	3.3	2
8	Kinematic Calibration of a 4PPa-2PaR Parallel Mechanism With Subchains on Limbs. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	2.4	4
9	Motion Trajectories Prediction of Lower Limb Exoskeleton Based on Long Short-Term Memory (LSTM) Networks. <i>Actuators</i> , 2022, 11, 73.	1.2	10
10	Assembly Configuration Representation and Kinematic Modeling for Modular Reconfigurable Robots Based on Graph Theory. <i>Symmetry</i> , 2022, 14, 433.	1.1	4
11	Decoupled identification and compensation of nonlinear hysteresis cascading with linear dynamic in a moving magnet voice coil actuator. <i>Review of Scientific Instruments</i> , 2022, 93, 035005.	0.6	0
12	Research on the Intake Port of a Uniflow Scavenging GDI Opposed-Piston Two-Stroke Engine. <i>Energies</i> , 2022, 15, 2148.	1.6	4
13	Selecting and averaging relaxed clock models in Bayesian tip dating of Mesozoic birds. <i>Paleobiology</i> , 2022, 48, 340-352.	1.3	7
14	A Formal Verification Method for the SOPC Software. <i>IEEE Transactions on Reliability</i> , 2022, 71, 818-829.	3.5	2
15	Piecewise modeling and compensation of geometric errors in five-axis machine tools by local product of exponentials formula. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 121, 2987-3004.	1.5	2
16	Modeling and Synchronized Control of a Dual-Drive "Checkerboard" Gantry With Composite Adaptive Feedforward and RISE Feedback. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 2044-2052.	3.7	4
17	Sexual selection promotes giraffoid head-neck evolution and ecological adaptation. <i>Science</i> , 2022, 376, .	6.0	19
18	Accurate Calculation of Magnetic Field of Same-Pole and Same-Slot Surface-Mounted Three-Phase Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-10.	1.2	6

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19	Industrial land expansion in rural China threatens environmental securities. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	26
20	Chemical Profile and Phytotoxic Action of Hibiscus trionum Essential Oil. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000897.	1.0	1
21	Design of Full-Order State Observer for Motor Drive Systems Based on the Fixed Gain Filter. <i>IEEE Access</i> , 2021, 9, 13488-13498.	2.6	2
22	Non-Geometric Error Compensation for Long-Stroke Cartesian Robot With Semi-Analytical Beam Deformation and Gaussian Process Regression Model. <i>IEEE Access</i> , 2021, 9, 51910-51924.	2.6	3
23	The patterns and modes of the evolution of disparity in Mesozoic birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203105.	1.2	15
24	Deep time diversity and the early radiations of birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	8
25	Allelopathic Effect of <i>Serphidium kaschgaricum</i> (Krasch.) Poljak. Volatiles on Selected Species. <i>Plants</i> , 2021, 10, 495.	1.6	8
26	Theoretical Insights into Morphologies of Alkali-Promoted Cobalt Carbide Catalysts for Fischer-Tropsch Synthesis. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6061-6072.	1.5	12
27	A Review on Disturbance Analysis and Suppression for Permanent Magnet Linear Synchronous Motor. <i>Actuators</i> , 2021, 10, 77.	1.2	14
28	Fossoriality and evolutionary development in two Cretaceous mammalian morphs. <i>Nature</i> , 2021, 592, 577-582.	13.7	14
29	Discriminating symbiosis and immunity signals by receptor competition in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	59
30	A Novel Composite Controller Design for Manipulator with Flexible Component under Time-varying Uncertainties and Disturbances. , 2021, , .		0
31	Relative contributions of climate and land-use change to ecosystem services in arid inland basins. <i>Journal of Cleaner Production</i> , 2021, 298, 126844.	4.6	38
32	Allelopathic, Phytotoxic, and Insecticidal Effects of <i>Thymus proximus</i> Serg. Essential Oil and Its Major Constituents. <i>Frontiers in Plant Science</i> , 2021, 12, 689875.	1.7	21
33	Metabolomics Reveals the Allelopathic Potential of the Invasive Plant <i>Eupatorium adenophorum</i> . <i>Plants</i> , 2021, 10, 1473.	1.6	13
34	A Swing Start-up Strategy of Modular Free Piston Linear Generator Based on State Identification. , 2021, , .		2
35	Phthalic Acid Esters: Natural Sources and Biological Activities. <i>Toxins</i> , 2021, 13, 495.	1.5	100
36	A large-scale shift of cropland structure profoundly affects grain production in the cold region of China. <i>Journal of Cleaner Production</i> , 2021, 307, 127300.	4.6	11

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37	Exploring the relative importance of socio-ecological factors to ecosystem services clusters: a support to spatially targeted management. <i>Environmental Research Letters</i> , 2021, 16, 084053.	2.2	7
38	A Feasible Method for Evaluating Energy Consumption of Industrial Robots. , 2021, , .		2
39	Massive cranium from Harbin in northeastern China establishes a new Middle Pleistocene human lineage. <i>Innovation(China)</i> , 2021, 2, 100130.	5.2	26
40	Exploring the relationship between key ecosystem services and socioecological drivers in alpine basins: A case of Issyk-Kul Basin in Central Asia. <i>Global Ecology and Conservation</i> , 2021, 29, e01729.	1.0	11
41	Coupled SSPs-RCPs scenarios to project the future dynamic variations of water-soil-carbon-biodiversity services in Central Asia. <i>Ecological Indicators</i> , 2021, 129, 107936.	2.6	46
42	Identification of conservation priorities in the major basins of Central Asia: Using an integrated GIS-based ordered weighted averaging approach. <i>Journal of Environmental Management</i> , 2021, 298, 113442.	3.8	18
43	Equivalent Circuit Modeling of an Induction Reaction Sphere for Microspacecraft Attitude Control. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-8.	1.2	2
44	Evaluation of the phytotoxic effect of the essential oil from <i>Artemisia absinthium</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112856.	2.9	11
45	A new bacteria-free strategy induced by MaGal2 facilitates pinewood nematode escape immune response from its vector beetle. <i>Insect Science</i> , 2021, 28, 1087-1102.	1.5	4
46	Robotic Peg-in-Hole Assembly System Based on Vision and Fuzzy Control. , 2021, , .		0
47	Dynamics Analysis of a Novel Underwater Vectored Thruster Based on 3-PPS Parallel Mechanism. , 2021, , .		0
48	Dynamics Modeling of Dual-Drive H-type Cartesian Robot with Replaceable Flexible Joints Based on the Pseudo-Rigid-Body Model. , 2021, , .		0
49	A Simulation-Based Evaluation of Tip-Dating Under the Fossilized Birth-Death Process. <i>Systematic Biology</i> , 2020, 69, 325-344.	2.7	39
50	Paleogene mammalian fauna exchanges and the paleogeographic pattern in Asia. <i>Science China Earth Sciences</i> , 2020, 63, 202-211.	2.3	16
51	A survey on design of reaction spheres and associated speed and orientation measurement technologies. <i>ISA Transactions</i> , 2020, 99, 417-431.	3.1	13
52	Predicting the spatiotemporal variation in soil wind erosion across Central Asia in response to climate change in the 21st century. <i>Science of the Total Environment</i> , 2020, 709, 136060.	3.9	69
53	Chemical composition and phytotoxic activity of the essential oil of <i>Artemisia sieversiana</i> growing in Xinjiang, China. <i>Natural Product Research</i> , 2020, , 1-6.	1.0	12
54	Characteristics and utilization of plant diversity and resources in Central Asia. <i>Regional Sustainability</i> , 2020, 1, 1-10.	1.1	13

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55	Chemical profile and phytotoxic action of <i>Onopordum acanthium</i> essential oil. <i>Scientific Reports</i> , 2020, 10, 13568.	1.6	13
56	Review of design and modeling of dielectric elastomer actuators. , 2020, , .		0
57	Vision-based initial point alignment control for the wheel hubs in the robotic polishing system. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 1471-1481.	1.5	2
58	Palaeoproteomic analysis of Pleistocene cave hyenas from east Asia. <i>Scientific Reports</i> , 2020, 10, 16674.	1.6	4
59	The origin of Rhinoceroidea and phylogeny of Ceratomorpha (Mammalia, Perissodactyla). <i>Communications Biology</i> , 2020, 3, 509.	2.0	8
60	A Hybrid Analytical and Data-driven Modeling Approach for Calibration of Heavy-duty Cartesian Robot*. , 2020, , .		1
61	Asymmetric elastoplasticity of stacked graphene assembly actualizes programmable untethered soft robotics. <i>Nature Communications</i> , 2020, 11, 4359.	5.8	110
62	Robust Continuous Sliding Mode Control for Manipulator PMSM Trajectory Tracking System Under Time-Varying Uncertain Disturbances. <i>IEEE Access</i> , 2020, 8, 196618-196632.	2.6	10
63	Assessing Community-Level Livability Using Combined Remote Sensing and Internet-Based Big Geospatial Data. <i>Remote Sensing</i> , 2020, 12, 4026.	1.8	18
64	Cable Tension Analysis Oriented the Enhanced Stiffness of a 3-DOF Joint Module of a Modular Cable-Driven Human-Like Robotic Arm. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8871.	1.3	3
65	Light Propagation in Flexible Thin-Film Amorphous Silicon Solar Cells with Nanotextured Metal Back Reflectors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26184-26192.	4.0	49
66	Interactive and individual effects of multi-factor controls on water use efficiency in Central Asian ecosystems. <i>Environmental Research Letters</i> , 2020, 15, 084025.	2.2	10
67	A Kinematic Calibration Method of a 3T1R 4-Degree-of-Freedom Symmetrical Parallel Manipulator. <i>Symmetry</i> , 2020, 12, 357.	1.1	1
68	Large-scale rain-fed to paddy farmland conversion modified land-surface thermal properties in Cold China. <i>Science of the Total Environment</i> , 2020, 722, 137917.	3.9	15
69	Low LEF1 expression is a biomarker of early T-cell precursor, an aggressive subtype of T-cell lymphoblastic leukemia. <i>PLoS ONE</i> , 2020, 15, e0232520.	1.1	7
70	Impacts of climate change on key soil ecosystem services and interactions in Central Asia. <i>Ecological Indicators</i> , 2020, 116, 106490.	2.6	24
71	Substrate-free flexible thin film solar cells by graphene-mediated peel-off technology. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10279-10287.	1.1	1
72	The Responses of the Ecosystems in the Tianshan North Slope under Multiple Representative Concentration Pathway Scenarios in the Middle of the 21st Century. <i>Sustainability</i> , 2020, 12, 427.	1.6	2

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73	Accurate Subdomain Model for Computing Magnetic Field of Short Moving-Magnet Linear Motor With Halbach Array. IEEE Transactions on Magnetics, 2020, 56, 1-9.	1.2	16
74	Two Phytotoxins Isolated from the Pathogenic Fungus of the Invasive Weed <i>Xanthium italicum</i> . Chemistry and Biodiversity, 2020, 17, e2000043.	1.0	11
75	Kinematic Design of a 2R1T Robotic End-Effector With Flexure Joints. IEEE Access, 2020, 8, 57204-57213.	2.6	26
76	Total-Evidence Dating and the Fossilized Birth-Death Model. , 2020, , 175-193.		4
77	Using Parsimony-Guided Tree Proposals to Accelerate Convergence in Bayesian Phylogenetic Inference. Systematic Biology, 2020, 69, 1016-1032.	2.7	17
78	Stator Winding Design and Optimization of an Induction Reaction Sphere for Microsatellite Attitude Control. , 2020, , .		1
79	Title is missing!. , 2020, 15, e0232520.		0
80	Title is missing!. , 2020, 15, e0232520.		0
81	Title is missing!. , 2020, 15, e0232520.		0
82	Title is missing!. , 2020, 15, e0232520.		0
83	Title is missing!. , 2020, 15, e0232520.		0
84	Title is missing!. , 2020, 15, e0232520.		0
85	Cranial endocast of a stem platyrrhine primate and ancestral brain conditions in anthropoids. Science Advances, 2019, 5, eaav7913.	4.7	30
86	Bayesian tip dating reveals heterogeneous morphological clocks in Mesozoic birds. Royal Society Open Science, 2019, 6, 182062.	1.1	30
87	City-Level Comparison of Urban Land-Cover Configurations from 2000-2015 across 65 Countries within the Global Belt and Road. Remote Sensing, 2019, 11, 1515.	1.8	20
88	Added Value of a Dynamical Downscaling Approach for Simulating Precipitation and Temperature Over Tianshan Mountains Area, Central Asia. Journal of Geophysical Research D: Atmospheres, 2019, 124, 11051-11069.	1.2	23
89	Chemical Composition, Phytotoxic, Antimicrobial and Insecticidal Activity of the Essential Oils of <i>Dracocephalum integrifolium</i> . Toxins, 2019, 11, 598.	1.5	39
90	Study on Stiffness-Oriented Cable Tension Distribution for a Symmetrical Cable-Driven Mechanism. Symmetry, 2019, 11, 1158.	1.1	10

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91	A LysM Receptor Heteromer Mediates Perception of Arbuscular Mycorrhizal Symbiotic Signal in Rice. <i>Molecular Plant</i> , 2019, 12, 1561-1576.	3.9	106
92	Kinematic Design of a 3-DOF Force-controlled End-effector with Flexure Joints for Robotic Finishing Applications. , 2019, , .		5
93	Data on soil microbial carbon source utilization under different carbon input treatments in broadleaf and coniferous plantations. <i>Data in Brief</i> , 2019, 26, 104434.	0.5	0
94	Carbon input manipulations affecting microbial carbon metabolism in temperate forest soils – A comparative study between broadleaf and coniferous plantations. <i>Geoderma</i> , 2019, 355, 113914.	2.3	13
95	Modeling of a Halbach Array Voice Coil Actuator via Fourier Analysis Based on Equivalent Structure. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-6.	1.2	8
96	The potential geographical distribution of Haloxylon across Central Asia under climate change in the 21st century. <i>Agricultural and Forest Meteorology</i> , 2019, 275, 243-254.	1.9	65
97	Design and Optimization of a Magnetically Levitated Inductive Reaction Sphere for Spacecraft Attitude Control. <i>Energies</i> , 2019, 12, 1553.	1.6	6
98	Contributions of climate change to the terrestrial carbon stock of the arid region of China: A multi-dataset analysis. <i>Science of the Total Environment</i> , 2019, 668, 631-644.	3.9	18
99	Guest Editorial Special Section on Emerging Information Sharing and Design Technologies on Robotics and Mechatronics Systems for Intelligent Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 1643-1646.	7.2	2
100	BEAST 2.5: An advanced software platform for Bayesian evolutionary analysis. <i>PLoS Computational Biology</i> , 2019, 15, e1006650.	1.5	2,484
101	The Global Spatiotemporal Distribution of the Mid-Tropospheric CO ₂ Concentration and Analysis of the Controlling Factors. <i>Remote Sensing</i> , 2019, 11, 94.	1.8	20
102	Enhancement of oxidative stress contributes to increased pathogenicity of the invasive pine wood nematode. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180323.	1.8	24
103	A Double-Sided Flat Permanent Magnet Linear Motor with Dual Halbach for Free-Piston Linear Generator. , 2019, , .		1
104	Modeling and Force Control of Robotic Polishing System for the Wheel Hubs. , 2019, , .		2
105	Vibration and Noise of High Speed Amorphous Alloy Permanent Magnet Synchronous Motor with Different Slot Width. , 2019, , .		0
106	Design and Analysis of A Novel AFPM with Opposite-Rotation Dual Rotors. , 2019, , .		3
107	Optimal Design and Tracking Control of a Superelastic Flexure Hinge Based 3-PRR Compliant Parallel Manipulator. <i>IEEE Access</i> , 2019, 7, 174236-174247.	2.6	4
108	Energy-Efficient Torque Distribution Optimization for an Omnidirectional Mobile Robot with Powered Caster Wheels. <i>Energies</i> , 2019, 12, 4417.	1.6	2

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109	A Vision-Based Robotic Laser Welding System for Insulated Mugs with Fuzzy Seam Tracking Control. <i>Symmetry</i> , 2019, 11, 1385.	1.1	11
110	Molecular signatures of X chromosome inactivation and associations with clinical outcomes in epithelial ovarian cancer. <i>Human Molecular Genetics</i> , 2019, 28, 1331-1342.	1.4	19
111	Control Strategy for Smooth Wire Sending and Constant Tension in Multiwire Slicer. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 1668-1677.	7.2	4
112	Chemical Composition and Allelopathic, Phytotoxic and Pesticidal Activities of <i>Atriplex cana</i> Ledeb. (Amaranthaceae) Essential Oil. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800595.	1.0	19
113	High Weight-Specific Power Density of Thin-Film Amorphous Silicon Solar Cells on Graphene Papers. <i>Nanoscale Research Letters</i> , 2019, 14, 324.	3.1	5
114	Variations in ecosystem service value in response to land use/land cover changes in Central Asia from 1995–2035. <i>PeerJ</i> , 2019, 7, e7665.	0.9	44
115	Hormone modulation of legume–rhizobial symbiosis. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 632-648.	4.1	85
116	Bayesian Inference of Species Networks from Multilocus Sequence Data. <i>Molecular Biology and Evolution</i> , 2018, 35, 504-517.	3.5	158
117	Taming the BEAST—A Community Teaching Material Resource for BEAST 2. <i>Systematic Biology</i> , 2018, 67, 170-174.	2.7	79
118	Evaluation and Intercomparison of High-Resolution Satellite Precipitation Estimates—GPM, TRMM, and CMORPH in the Tianshan Mountain Area. <i>Remote Sensing</i> , 2018, 10, 1543.	1.8	53
119	Time Tracking of Different Cropping Patterns Using Landsat Images under Different Agricultural Systems during 1990–2050 in Cold China. <i>Remote Sensing</i> , 2018, 10, 2011.	1.8	12
120	Reaction Sphere Spin Axis Measurement with Photoelectric Sensors. , 2018, , .		1
121	Chemical Composition and Phytotoxic Activity of <i>Seriphidium terrae</i> <i>albae</i> (<i>Krasch</i> .) <i>Poljakov</i> (Compositae) Essential Oil. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800348.	1.0	21
122	Torque optimization of a novel reaction sphere actuator based on support vector machines. , 2018, , .		5
123	Analytical models of electromagnetic field and torques in a novel reaction sphere actuator. , 2018, , .		6
124	A Free-Piston Linear Generator Control Strategy for Improving Output Power. <i>Energies</i> , 2018, 11, 135.	1.6	38
125	Mapping Spring Ephemeral Plants in Northern Xinjiang, China. <i>Sustainability</i> , 2018, 10, 804.	1.6	6
126	A Review of the Design and Control of Free-Piston Linear Generator. <i>Energies</i> , 2018, 11, 2179.	1.6	26

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127	OsCERK1-Mediated Chitin Perception and Immune Signaling Requires Receptor-like Cytoplasmic Kinase 185 to Activate an MAPK Cascade in Rice. <i>Molecular Plant</i> , 2017, 10, 619-633.	3.9	135
128	An EcoCity model for regulating urban land cover structure and thermal environment: Taking Beijing as an example. <i>Science China Earth Sciences</i> , 2017, 60, 1098-1109.	2.3	47
129	<scp>WRF</scp> simulation and downscaling of local climate in Central Asia. <i>International Journal of Climatology</i> , 2017, 37, 513-528.	1.5	38
130	Analysis of spatial and temporal patterns of aboveground net primary productivity in the Eurasian steppe region from 1982 to 2013. <i>Ecology and Evolution</i> , 2017, 7, 5149-5162.	0.8	18
131	Step-by-step pipeline processing approach for line segment detection. <i>IET Image Processing</i> , 2017, 11, 416-424.	1.4	5
132	Analytical calculation of air gap magnetic field in permanent magnet linear motors. , 2017, , .		5
133	Complex climatic and CO ₂ controls on net primary productivity of temperate dryland ecosystems over central Asia during 1980–2014. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2356-2374.	1.3	45
134	Stiffness-oriented cable tension distribution algorithm for a 3-DOF Cable-driven variable-stiffness module. , 2017, , .		0
135	Design optimization for a 2-DOF cable-driven joint with large stiffness range. , 2017, , .		4
136	Resonance analysis and unified compliance controller design for elastic joint robots. , 2017, , .		0
137	Ventilation system design and rotor air friction loss of high-speed permanent magnet machines. , 2017, , .		4
138	Analytical calculation of air-gap magnetic field of surface-mounted permanent magnet motor with bread-loaf magnets. , 2017, , .		3
139	Software Architecture Modeling and Reliability Evaluation Based on Petri Net. , 2017, , .		4
140	Urban Land-Cover Dynamics in Arid China Based on High-Resolution Urban Land Mapping Products. <i>Remote Sensing</i> , 2017, 9, 730.	1.8	18
141	Projecting the CO ₂ and Climatic Change Effects on the Net Primary Productivity of the Urban Ecosystems in Phoenix, AZ in the 21st Century under Multiple RCP (Representative Concentration) Tj ETQq1 1 0.784314 rgB4 /Overlook		
142	The Temporal and Spatial Distributions of the Near-Surface CO ₂ Concentrations in Central Asia and Analysis of Their Controlling Factors. <i>Atmosphere</i> , 2017, 8, 85.	1.0	20
143	Isolating and Quantifying the Effects of Climate and CO ₂ Changes (1980–2014) on the Net Primary Productivity in Arid and Semiarid China. <i>Forests</i> , 2017, 8, 60.	0.9	24
144	Modeling Rainfall-Runoff Response to Land Use and Land Cover Change in Rwanda (1990–2016). <i>Water (Switzerland)</i> , 2017, 9, 147.	1.2	42

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145	Soil Erosion Risk Assessment in Uganda. <i>Forests</i> , 2017, 8, 52.	0.9	54
146	An EcoCity model for regulating urban land cover structure and thermal environment: Taking Beijing as an example. , 2017, 60, 1098.		1
147	Extent of Cropland and Related Soil Erosion Risk in Rwanda. <i>Sustainability</i> , 2016, 8, 609.	1.6	61
148	USLE-Based Assessment of Soil Erosion by Water in the Nyabarongo River Catchment, Rwanda. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 835.	1.2	44
149	Decoupling Design and Verification of a Free-Piston Linear Generator. <i>Energies</i> , 2016, 9, 1067.	1.6	11
150	Deforestation Effects on Soil Erosion in the Lake Kivu Basin, D.R. Congo-Rwanda. <i>Forests</i> , 2016, 7, 281.	0.9	44
151	Urban Land-Cover Change and Its Impact on the Ecosystem Carbon Storage in a Dryland City. <i>Remote Sensing</i> , 2016, 8, 6.	1.8	39
152	Evaluation of reanalysis, spatially interpolated and satellite remotely sensed precipitation data sets in central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5648-5663.	1.2	128
153	Design and comparison of three-type VCMs for nano-positioning system. , 2016, , .		0
154	Parameters identification and adaptive feedforward control of permanent magnet Linear synchronous motor. , 2016, , .		1
155	Design and dynamic response analysis of a flexure-based nano-positioning system. , 2016, , .		2
156	Cadmium (Cd) distribution and contamination in Chinese paddy soils on national scale. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17941-17952.	2.7	126
157	Study on breakdown voltage and minimum ignition energy of sparking system for free-piston linear generator. , 2016, , .		0
158	Ammoniumâ€‘crown ether supramolecular cation-templated assembly of an unprecedented heterobicyclicâ€‘metal coordination polymer with enhanced NLO properties. <i>Chemical Communications</i> , 2016, 52, 3797-3800.	2.2	28
159	The spatiotemporal patterns of vegetation coverage and biomass of the temperate deserts in Central Asia and their relationships with climate controls. <i>Remote Sensing of Environment</i> , 2016, 175, 271-281.	4.6	150
160	The rapid and massive urban and industrial land expansions in China between 1990 and 2010: A CLUD-based analysis of their trajectories, patterns, and drivers. <i>Landscape and Urban Planning</i> , 2016, 145, 21-33.	3.4	314
161	Total-Evidence Dating under the Fossilized Birthâ€‘Death Process. <i>Systematic Biology</i> , 2016, 65, 228-249.	2.7	304
162	The Need for Awareness of Drinking Water Loss Reduction for Sustainable Water Resource Management in Rwanda. <i>Journal of Geoscience and Environment Protection</i> , 2016, 04, 74-87.	0.2	7

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163	Impacts of impervious surface expansion on soil organic carbon – a spatially explicit study. Scientific Reports, 2015, 5, 17905.	1.6	54
164	Dynamic simulation of a novel free-piston linear generator. , 2015, , .		7
165	Dynamics of landscape patterns in an inland river delta of Central Asia based on a cellular automata-Markov model. Regional Environmental Change, 2015, 15, 277-289.	1.4	29
166	Carbon stock and its responses to climate change in central Asia. Global Change Biology, 2015, 21, 1951-1967.	4.2	150
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