Shuai Li

List of Publications by Year
in descending order

192	7,608	44069	69250
papers	citations	48 h-index	77 g-index

200	200	200	8517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Manipulability Optimization of Redundant Manipulators Using Dynamic Neural Networks. IEEE Transactions on Industrial Electronics, 2017, 64, 4710-4720.	7.9	286
2	Kinematic Control of Redundant Manipulators Using Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2243-2254.	11.3	238
3	Ultrafast Sodium/Potassiumâ€Ion Intercalation into Hierarchically Porous Thin Carbon Shells. Advanced Materials, 2019, 31, e1805430.	21.0	214
4	Modified ZNN for Time-Varying Quadratic Programming With Inherent Tolerance to Noises and Its Application to Kinematic Redundancy Resolution of Robot Manipulators. IEEE Transactions on Industrial Electronics, 2016, 63, 6978-6988.	7.9	194
5	Fluorineâ€Doped Antiperovskite Electrolyte for Allâ€Solidâ€State Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2016, 55, 9965-9968.	13.8	192
6	Oviduct: roles in fertilization and early embryo development. Journal of Endocrinology, 2017, 232, R1-R26.	2.6	175
7	Antiperovskite Li₃OCl Superionic Conductor Films for Solidâ€State Liâ€Ion Batteries. Advanced Science, 2016, 3, 1500359.	11.2	162
8	Neural Dynamics for Cooperative Control of Redundant Robot Manipulators. IEEE Transactions on Industrial Informatics, 2018, 14, 3812-3821.	11.3	151
9	Zeroing neural networks: A survey. Neurocomputing, 2017, 267, 597-604.	5.9	150
10	Functional characterization of the rice SPXâ€MFS family reveals a key role of OsSPXâ€MFS1 in controlling phosphate homeostasis in leaves. New Phytologist, 2012, 196, 139-148.	7.3	139
11	Cooperative Distributed Source Seeking by Multiple Robots: Algorithms and Experiments. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1810-1820.	5.8	132
12	Perovskite Sr0.95Ce0.05CoO3â^'Î´ loaded with copper nanoparticles as a bifunctional catalyst for lithium-air batteries. Journal of Materials Chemistry, 2012, 22, 18902.	6.7	131
13	Symmetric and Nonnegative Latent Factor Models for Undirected, High-Dimensional, and Sparse Networks in Industrial Applications. IEEE Transactions on Industrial Informatics, 2017, 13, 3098-3107.	11.3	128
14	Performance, combustion, and emissions in a diesel engine operated with fuel-in-water emulsions based on lignin. Applied Energy, 2015, 154, 851-861.	10.1	120
15	Modified Primal-Dual Neural Networks for Motion Control of Redundant Manipulators With Dynamic Rejection of Harmonic Noises. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4791-4801.	11.3	115
16	Inverse-Free Extreme Learning Machine With Optimal Information Updating. IEEE Transactions on Cybernetics, 2016, 46, 1229-1241.	9.5	111
17	Synthesis of doped ceria with mesoporous flowerlike morphology and its catalytic performance for CO oxidation. Microporous and Mesoporous Materials, 2009, 120, 426-431.	4.4	98
18	Structural manipulation approaches towards enhanced sodium ionic conductivity in Na-rich antiperovskites. Journal of Power Sources, 2015, 293, 735-740.	7.8	97

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19	Dynamic processes monitoring using recursive kernel principal component analysis. Chemical Engineering Science, 2012, 72, 78-86.	3.8	94
20	Antiperovskites with Exceptional Functionalities. Advanced Materials, 2020, 32, e1905007.	21.0	93
21	Reaction mechanism studies towards effective fabrication of lithium-rich anti-perovskites Li3OX (X=) Tj ETQq1 1 0.784314 rgBT /Over	2.7	89
22	Perovskite Sr_{1â€“x}Ce_xCoO_{3â^Î´} (0.05 â‰¤ x â‰¤ 0.15) as Superior Cathodes for Intermediate Temperature Solid Oxide Fuel Cells. ACS Applied Materials & Interfaces, 2013, 5, 1143-1148.	8.0	87
23	Genetic Regulation of Ethylene Dosage for Cucumber Fruit Elongation. Plant Cell, 2019, 31, 1063-1076.	6.6	85
24	Influence of surface conductivity on the apparent zeta potential of calcite. Journal of Colloid and Interface Science, 2016, 468, 262-275.	9.4	80
25	AI on a chip. Lab on A Chip, 2020, 20, 3074-3090.	6.0	80
26	Nonconvex function activated zeroing neural network models for dynamic quadratic programming subject to equality and inequality constraints. Neurocomputing, 2017, 267, 107-113.	5.9	78
27	Self-Regulated Phenomenon of Inorganic Artificial Solid Electrolyte Interphase for Lithium Metal Batteries. Nano Letters, 2020, 20, 4029-4037.	9.1	78
28	Recurrent Neural Network for Kinematic Control of Redundant Manipulators With Periodic Input Disturbance and Physical Constraints. IEEE Transactions on Cybernetics, 2019, 49, 4194-4205.	9.5	77
29	Distributed Biased Min-Consensus With Applications to Shortest Path Planning. IEEE Transactions on Automatic Control, 2017, 62, 5429-5436.	5.7	75
30	Elevation of soybean seed oil content through selection for seed coat shininess. Nature Plants, 2018, 4, 30-35.	9.3	75
31	Glandular trichomes as a barrier against atmospheric oxidative stress: Relationships with ozone uptake, leaf damage, and emission of LOX products across a diverse set of species. Plant, Cell and Environment, 2018, 41, 1263-1277.	5.7	69
32	Sodium Ion Transport Mechanisms in Antiperovskite Electrolytes Na₃OBr and Na₄OI₂: An in Situ Neutron Diffraction Study. Inorganic Chemistry, 2016, 55, 5993-5998.	4.0	68
33	Novel Lignin-Derived Water-Soluble Binder for Micro Silicon Anode in Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 12621-12629.	6.7	68
34	Ozoneâ€induced foliar damage and release of stress volatiles is highly dependent on stomatal openness and priming by lowâ€level ozone exposure in <scp>Phaseolus vulgaris</scp>. Plant, Cell and Environment, 2017, 40, 1984-2003.	5.7	66
35	Glycinamide modified polyacrylic acid as high-performance binder for silicon anodes in lithium-ion batteries. Journal of Power Sources, 2018, 406, 102-109.	7.8	66
36	Composite polymer electrolytes with uniform distribution of ionic liquid-grafted ZIF-90 nanofillers for high-performance solid-state Li batteries. Chemical Engineering Journal, 2021, 412, 128733.	12.7	66

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37	Co-infection status of classical swine fever virus (CSFV), porcine reproductive and respiratory syndrome virus (PRRSV) and porcine circoviruses (PCV2 and PCV3) in eight regions of China from 2016 to 2018. Infection, Genetics and Evolution, 2019, 68, 127-135.	2.3	62
38	The R-Loop Atlas of Arabidopsis Development and Responses to Environmental Stimuli. Plant Cell, 2020, 32, 888-903.	6.6	61
39	Methyl jasmonate-induced emission of biogenic volatiles is biphasic in cucumber: a high-resolution analysis of dose dependence. Journal of Experimental Botany, 2017, 68, 4679-4694.	4.8	60
40	Hole Filling With Multiple Reference Views in DIBR View Synthesis. IEEE Transactions on Multimedia, 2018, 20, 1948-1959.	7.2	60
41	Corrosion behavior of Sn-based lead-free solder alloys: a review. Journal of Materials Science: Materials in Electronics, 2020, 31, 9076-9090.	2.2	60
42	Conditional knockout mice for the distal appendage protein CEP164 reveal its essential roles in airway multiciliated cell differentiation. PLoS Genetics, 2017, 13, e1007128.	3.5	57
43	Atomic layered deposition iron oxide on perovskite LaNiO3 as an efficient and robust bi-functional catalyst for lithium oxygen batteries. Electrochimica Acta, 2018, 281, 338-347.	5.2	57
44	Improved multi-scale kernel principal component analysis and its application for fault detection. Chemical Engineering Research and Design, 2012, 90, 1271-1280.	5.6	56
45	Predictive Suboptimal Consensus of Multiagent Systems With Nonlinear Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1701-1711.	9.3	56
46	Fine mapping and candidate gene analysis of two loci conferring resistance to Phytophthora sojae in soybean. Theoretical and Applied Genetics, 2016, 129, 2379-2386.	3.6	54
47	Mutation in xyloglucan 6-xylosytransferase results in abnormal root hair development in Oryza sativa. Journal of Experimental Botany, 2014, 65, 4149-4157.	4.8	52
48	Antioxidant and Thermal Stabilization of Polypropylene by Addition of Butylated Lignin at Low Loadings. ACS Sustainable Chemistry and Engineering, 2016, 4, 5248-5257.	6.7	52
49	Modeling and Monitoring Between-Mode Transition of Multimodes Processes. IEEE Transactions on Industrial Informatics, 2013, 9, 2248-2255.	11.3	51
50	Mono- and sesquiterpene release from tomato (Solanum lycopersicum) leaves upon mild and severe heat stress and through recovery: From gene expression to emission responses. Environmental and Experimental Botany, 2016, 132, 1-15.	4.2	51
51	Plasticity and innovation of regulatory mechanisms underlying seed oil content mediated by duplicated genes in the palaeopolyploid soybean. Plant Journal, 2017, 90, 1120-1133.	5.7	51
52	A Versatile Method for Fabricating Tissue Engineering Scaffolds with a Three-Dimensional Channel for Prevasculature Networks. ACS Applied Materials & Interfaces, 2016, 8, 25096-25103.	8.0	50
53	Estrogen receptor Î± is required for oviductal transport of embryos. FASEB Journal, 2017, 31, 1595-1607.	0.5	50
54	Molecular interaction between PHO2 and GIGANTEA reveals a new crosstalk between flowering time and phosphate homeostasis in <scp>Oryza sativa</scp>. Plant, Cell and Environment, 2017, 40, 1487-1499.	5.7	49

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55	Enhanced ionic conductivity with Li7O2Br3 phase in Li3OBr anti-perovskite solid electrolyte. Applied Physics Letters, 2016, 109, .	3.3	48
56	Innovation of a Regulatory Mechanism Modulating Semi-determinate Stem Growth through Artificial Selection in Soybean. PLoS Genetics, 2016, 12, e1005818.	3.5	48
57	Unidirectional movement of small RNAs from shoots to roots in interspecific heterografts. Nature Plants, 2021, 7, 50-59.	9.3	47
58	Modeling and monitoring of nonlinear multi-mode processes. Control Engineering Practice, 2014, 22, 194-204.	5.5	46
59	Oilâ€inâ€Water Emulsions Stabilized by Carboxymethylated Lignins: Properties and Energy Prospects. ChemSusChem, 2016, 9, 2460-2469.	6.8	46
60	Two h-Type Thioredoxins Interact with the E2 Ubiquitin Conjugase PHO2 to Fine-Tune Phosphate Homeostasis in Rice. Plant Physiology, 2017, 173, 812-824.	4.8	46
61	Two novel porcine epidemic diarrhea virus (PEDV) recombinants from a natural recombinant and distinct subtypes of PEDV variants. Virus Research, 2017, 242, 90-95.	2.2	46
62	Estrogen Action in the Epithelial Cells of the Mouse Vagina Regulates Neutrophil Infiltration and Vaginal Tissue Integrity. Scientific Reports, 2018, 8, 11247.	3.3	46
63	Emergence of a novel highly pathogenic recombinant virus from three lineages of porcine reproductive and respiratory syndrome virus 2 in China 2017. Transboundary and Emerging Diseases, 2018, 65, 1775-1785.	3.0	46
64	Zeta potential in intact carbonates at reservoir conditions and its impact on oil recovery during controlled salinity waterflooding. Fuel, 2020, 266, 116927.	6.4	46
65	3D printed hydrogel for articular cartilage regeneration. Composites Part B: Engineering, 2022, 237, 109863.	12.0	44
66	DSCAM Promotes Refinement in the Mouse Retina through Cell Death and Restriction of Exploring Dendrites. Journal of Neuroscience, 2015, 35, 5640-5654.	3.6	43
67	Dual redox-active copper hexacyanoferrate nanosheets as cathode materials for advanced sodium-ion batteries. Energy Storage Materials, 2020, 33, 432-441.	18.0	43
68	Feasibility and mechanism of lithium oxide as sintering aid for Ce0.8Sm0.2Oî´ electrolyte. Journal of Power Sources, 2012, 205, 57-62.	7.8	40
69	Correlated and weakly correlated fault detection based on variable division and ICA. Computers and Industrial Engineering, 2017, 112, 320-335.	6.3	40
70	Ca-doped Na2Zn2TeO6 layered sodium conductor for all-solid-state sodium-ion batteries. Electrochimica Acta, 2019, 298, 121-126.	5.2	40
71	A Robust Algorithm for State-of-Charge Estimation With Gain Optimization. IEEE Transactions on Industrial Informatics, 2017, 13, 2983-2994.	11.3	39
72	Diversified Regularization Enhanced Training for Effective Manipulator Calibration. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8778-8790.	11.3	39

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73	Development of universal and quadruplex realâ€time RTâ€PCR assays for simultaneous detection and differentiation of porcine reproductive and respiratory syndrome viruses. Transboundary and Emerging Diseases, 2019, 66, 2271-2278.	3.0	36
74	Inter-Block Dependency-Based CTU Level Rate Control for HEVC. IEEE Transactions on Broadcasting, 2020, 66, 113-126.	3.2	36
75	Neural Network-Based Model-Free Adaptive Near-Optimal Tracking Control for a Class of Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6227-6241.	11.3	35
76	A Novel FPGA Accelerator Design for Real-Time and Ultra-Low Power Deep Convolutional Neural Networks Compared With Titan X GPU. IEEE Access, 2020, 8, 105455-105471.	4.2	34
77	A type of biased consensus-based distributed neural network for path planning. Nonlinear Dynamics, 2017, 89, 1803-1815.	5.2	33
78	Simultaneous learning and control of parallel Stewart platforms with unknown parameters. Neurocomputing, 2017, 266, 114-122.	5.9	33
79	A Fusion Framework for Camouflaged Moving Foreground Detection in the Wavelet Domain. IEEE Transactions on Image Processing, 2018, 27, 3918-3930.	9.8	32
80	Approaches to investigate crop responses to ozone pollution: from O₃â€FACE to satelliteâ€enabled modeling. Plant Journal, 2022, 109, 432-446.	5.7	32
81	Carboxymethylated lignins with low surface tension toward low viscosity and highly stable emulsions of crude bitumen and refined oils. Journal of Colloid and Interface Science, 2016, 482, 27-38.	9.4	31
82	Gain-of-function of the 1-aminocyclopropane-1-carboxylate synthase geneACS1Ginduces female flower development in cucumber gynoecy. Plant Cell, 2021, 33, 306-321.	6.6	31
83	Motion Planning of Manipulators for Simultaneous Obstacle Avoidance and Target Tracking: An RNN Approach With Guaranteed Performance. IEEE Transactions on Industrial Electronics, 2022, 69, 3887-3897.	7.9	30
84	Mechanism of enhanced ionic conductivity by rotational nitrite group in antiperovskite Na₃ONO₂. Journal of Materials Chemistry A, 2020, 8, 21265-21272.	10.3	29
85	A Novel Mouse Dscam Mutation Inhibits Localization and Shedding of DSCAM. PLoS ONE, 2012, 7, e52652.	2.5	27
86	Parallel domestication with a broad mutational spectrum of determinate stem growth habit in leguminous crops. Plant Journal, 2018, 96, 761-771.	5.7	27
87	Plant biochemistry influences tropospheric ozone formation, destruction, deposition, and response. Trends in Biochemical Sciences, 2021, 46, 992-1002.	7.5	27
88	Dynamical process monitoring using dynamical hierarchical kernel partial least squares. Chemometrics and Intelligent Laboratory Systems, 2012, 118, 150-158.	3.5	26
89	Ozone-triggered surface uptake and stress volatile emissions in Nicotiana tabacum â€˜Wisconsinâ€™. Journal of Experimental Botany, 2018, 69, 681-697.	4.8	26
90	Fabrication of Thermoresponsive Hydrogel Scaffolds with Engineered Microscale Vasculatures. Advanced Functional Materials, 2021, 31, 2102685.	14.9	26

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91	The Heterogeneity and Spatial Patterning of Structure and Physiology across the Leaf Surface in Giant Leaves of Alocasia macrorrhiza. PLoS ONE, 2013, 8, e66016.	2.5	25
92	Plume Front Tracking in Unknown Environments by Estimation and Control. IEEE Transactions on Industrial Informatics, 2019, 15, 911-921.	11.3	24
93	A novel <scp>NADC</scp> 30â€like porcine reproductive and respiratory syndrome virus () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 2019, 66, 28-34.	3.0	23
94	An Acceleration-Level Data-Driven Repetitive Motion Planning Scheme for Kinematic Control of Robots With Unknown Structure. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5679-5691.	9.3	23
95	Thermally Stable and Tough Coatings and Films Using Vinyl Silylated Lignin. ACS Sustainable Chemistry and Engineering, 2018, 6, 1988-1998.	6.7	22
96	Identification of Two Porcine Reproductive and Respiratory Syndrome Virus Variants Sharing High Genomic Homology but with Distinct Virulence. Viruses, 2019, 11, 875.	3.3	22
97	Interfacial Stabilization of Fiber-Laden Foams with Carboxymethylated Lignin toward Strong Nonwoven Networks. ACS Applied Materials & Interfaces, 2016, 8, 19827-19835.	8.0	21
98	Exploiting Pulping Waste as an Ecofriendly Multifunctional Binder for Lithium Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 8413-8418.	6.7	21
99	Mycobacterium bovis and BCG induce different patterns of cytokine and chemokine production in dendritic cells and differentiation patterns in CD4+ T cells. Microbiology (United Kingdom), 2013, 159, 366-379.	1.8	20
100	Risk Detection of Stroke Using a Feature Selection and Classification Method. IEEE Access, 2018, 6, 31899-31907.	4.2	20
101	Local Structural Changes and Inductive Effects on Ion Conduction in Antiperovskite Solid Electrolytes. Chemistry of Materials, 2020, 32, 8827-8835.	6.7	19
102	Monitoring of Multimode Processes Based on Subspace Decomposition. Industrial & Engineering Chemistry Research, 2015, 54, 3855-3864.	3.7	18
103	Identification of Strawberry vein banding virus encoded P6 as an RNA silencing suppressor. Virology, 2018, 520, 103-110.	2.4	18
104	B-box Proteins in Arachis duranensis: Genome-Wide Characterization and Expression Profiles Analysis. Agronomy, 2020, 10, 23.	3.0	18
105	A fault diagnosis method based on attention mechanism with application in Qianlong-2 autonomous underwater vehicle. Ocean Engineering, 2021, 233, 109049.	4.3	18
106	3D bioprinting of osteon-mimetic scaffolds with hierarchical microchannels for vascularized bone tissue regeneration. Biofabrication, 2022, 14, 035008.	7.1	18
107	Mutation of OsGIGANTEA Leads to Enhanced Tolerance to Polyethylene Glycol-Generated Osmotic Stress in Rice. Frontiers in Plant Science, 2016, 7, 465.	3.6	17
108	Nanocellulose and Its Derivatives for High-Performance Water-Based Fluids. , 2017, , .		17

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109	Molecular and transcriptional characterization of phosphatidyl ethanolamine-binding proteins in wild peanuts Arachis duranensis and Arachis ipaensis. BMC Plant Biology, 2019, 19, 484.	3.6	17
110	Research Status of Evolution of Microstructure and Properties of Sn-Based Lead-Free Composite Solder Alloys. Journal of Nanomaterials, 2020, 2020, 1-25.	2.7	17
111	Establishing a Multicolor Flow Cytometry to Characterize Cellular Immune Response in Chickens Following H7N9 Avian Influenza Virus Infection. Viruses, 2020, 12, 1396.	3.3	17
112	Rapid Fabrication of Ready-to-Use Gelatin Scaffolds with Prevascular Networks Using Alginate Hollow Fibers as Sacrificial Templates. ACS Biomaterials Science and Engineering, 2020, 6, 2297-2311.	5.2	17
113	An Anti-Tumor Vaccine Against Marek's Disease Virus Induces Differential Activation and Memory Response of Î³Î´ T Cells and CD8 T Cells in Chickens. Frontiers in Immunology, 2021, 12, 645426.	4.8	17
114	Regulation of Floral Terpenoid Emission and Biosynthesis in Sweet Basil (Ocimum basilicum). Journal of Plant Growth Regulation, 2016, 35, 921-935.	5.1	16
115	Molecular Characterization and Expression Profile Analysis of Heat Shock Transcription Factors in Mungbean. Frontiers in Genetics, 2019, 9, 736.	2.3	16
116	Enhanced eletrochemical performances of LiCoO2 at high cut-off voltage by introducing LiF additive. Solid State Ionics, 2021, 365, 115654.	2.7	16
117	Morphological Diversity of the Rod Spherule: A Study of Serially Reconstructed Electron Micrographs. PLoS ONE, 2016, 11, e0150024.	2.5	15
118	A novel method for fabricating engineered structures with branched micro-channel using hollow hydrogel fibers. Biomicrofluidics, 2016, 10, 064104.	2.4	15
119	Elevated Ozone Concentration Reduces Photosynthetic Carbon Gain but Does Not Alter Leaf Structural Traits, Nutrient Composition or Biomass in Switchgrass. Plants, 2019, 8, 85.	3.5	15
120	Role of the calcite-water interface in wettability alteration during low salinity waterflooding. Fuel, 2020, 276, 118097.	6.4	15
121	GAS7 Deficiency Promotes Metastasis in MYCN-Driven Neuroblastoma. Cancer Research, 2021, 81, 2995-3007.	0.9	15
122	Chimeric HP-PRRSV2 containing an ORF2-6 consensus sequence induces antibodies with broadly neutralizing activity and confers cross protection against virulent NADC30-like isolate. Veterinary Research, 2021, 52, 74.	3.0	15
123	Crucial role of estrogen for the mammalian female in regulating semen coagulation and liquefaction in vivo. PLoS Genetics, 2017, 13, e1006743.	3.5	15
124	Modeling the evolution of complex conductivity during calcite precipitation on glass beads. Geophysical Journal International, 0, , ggx001.	2.4	13
125	Nanobundles of Iron Phosphide Fabricated by Direct Phosphorization of Metalâ€“Organic Frameworks as an Efficient Hydrogenâ€Evolving Electrocatalyst. Chemistry - A European Journal, 2019, 26, 4001.	3.3	13
126	Characterization of Mungbean CONSTANS-LIKE Genes and Functional Analysis of CONSTANS-LIKE 2 in the Regulation of Flowering Time in Arabidopsis. Frontiers in Plant Science, 2021, 12, 608603.	3.6	13

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127	A composite electrolyte with Na3Zr2Si2PO12 microtube for solid-state sodium-metal batteries. Ceramics International, 2021, 47, 11156-11168.	4.8	13
128	Multimode processes monitoring based on hierarchical mode division and subspace decomposition. Canadian Journal of Chemical Engineering, 2018, 96, 2420-2430.	1.7	12
129	Anomalous Zeta Potential Trends in Natural Sandstones. Geophysical Research Letters, 2018, 45, 11,068.	4.0	12
130	Variations in Rating Scale Functioning in Assessing Speech Act Production in L2 Chinese. Language Assessment Quarterly, 2019, 16, 271-293.	2.0	12
131	The Effects of Heat Straightening Temperature on the Microstructure and Properties of 7N01 Aluminum Alloy. Materials, 2019, 12, 2949.	2.9	12
132	Genome-wide identification and characterization of nonspecific lipid transfer protein (nsLTP) genes in Arachis duranensis. Genomics, 2020, 112, 4332-4341.	2.9	12
133	Low-Power RTL Code Generation for Advanced CNN Algorithms toward Object Detection in Autonomous Vehicles. Electronics (Switzerland), 2020, 9, 478.	3.1	12
134	Bioenergy sorghum maintains photosynthetic capacity in elevated ozone concentrations. Plant, Cell and Environment, 2021, 44, 729-746.	5.7	12
135	Functional characterization of soybean (Glycine max) DIRIGENT genes reveals an important role of GmDIR27 in the regulation of pod dehiscence. Genomics, 2021, 113, 979-990.	2.9	12
136	Influence of Conductive additives on the stability of red phosphorus-carbon anodes for sodium-ion batteries. Scientific Reports, 2019, 9, 946.	3.3	12
137	Testing unified theories for ozone response in C₄ species. Global Change Biology, 2022, 28, 3379-3393.	9.5	12
138	Classification of Occupancy Sensor Anomalies in Connected Indoor Lighting Systems. IEEE Internet of Things Journal, 2019, 6, 7175-7182.	8.7	11
139	Europium-Doped Ceria Nanowires as Anode for Solid Oxide Fuel Cells. Frontiers in Chemistry, 2020, 8, 348.	3.6	11
140	Ocean Temperature Prediction Based on Stereo Spatial and Temporal 4-D Convolution Model. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	11
141	Automated Detection of Commissioning Changes in Connected Lighting Systems. IEEE Internet of Things Journal, 2019, 6, 898-905.	8.7	10
142	An Lâ‚•Norm Based Optimization Method for Sparse Redundancy Resolution of Robotic Manipulators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 469-473.	3.0	10
143	Formation of Excellent Cathode/Electrolyte Interface with UV-Cured Polymer Electrolyte through In Situ Strategy. Journal of the Electrochemical Society, 2021, 168, 020511.	2.9	10
144	Functionalized gel polymer electrolyte membrane for high performance Li metal batteries. Solid State Ionics, 2021, 361, 115572.	2.7	10

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145	Oxygen deficit alleviates phosphate overaccumulation toxicity in OsPHR2 overexpression plants. Journal of Plant Research, 2014, 127, 433-440.	2.4	9
146	Characterization of Engineered Scaffolds with Spatial Prevascularized Networks for Bulk Tissue Regeneration. ACS Biomaterials Science and Engineering, 2017, 3, 2493-2501.	5.2	9
147	Plk1 is essential for proper chromosome segregation during meiosis I/meiosis II transition in pig oocytes. Reproductive Biology and Endocrinology, 2017, 15, 69.	3.3	9
148	Strawberry Vein Banding Virus P6 Protein Is a Translation Trans-Activator and Its Activity Can be Suppressed by FveIF3g. Viruses, 2018, 10, 717.	3.3	9
149	Quenching Sensitivity of Al-Zn-Mg Alloy after Non-Isothermal Heat Treatment. Materials, 2019, 12, 1595.	2.9	9
150	Understanding the electrochemical properties and phase transformations of layered VOPO4â‹…H2O as a potassium-ion battery cathode. Journal of Power Sources, 2020, 480, 228864.	7.8	9
151	A Framework of Combining Short-Term Spatial/Frequency Feature Extraction and Long-Term IndRNN for Activity Recognition. Sensors, 2020, 20, 6984.	3.8	9
152	Novel CNN-Based AP2D-Net Accelerator: An Area and Power Efficient Solution for Real-Time Applications on Mobile FPGA. Electronics (Switzerland), 2020, 9, 832.	3.1	9
153	A Modified Fu (1981) Equation with a Time-varying Parameter that Improves Estimates of Inter-annual Variability in Catchment Water Balance. Water Resources Management, 2022, 36, 1645-1659.	3.9	9
154	IPLaminator: an ImageJ plugin for automated binning and quantification of retinal lamination. BMC Bioinformatics, 2016, 17, 36.	2.6	8
155	Dendrobium viroid, a new monocot-infecting apscaviroid. Virus Research, 2020, 282, 197958.	2.2	8
156	Zebrafish as a Neuroblastoma Model: Progress Made, Promise for the Future. Cells, 2021, 10, 580.	4.1	7
157	Dynamic Non-Gaussian hybrid serial modeling for industrial process monitoring. Chemometrics and Intelligent Laboratory Systems, 2021, 216, 104371.	3.5	7
158	Developing a test of L2 Chinese pragmatic comprehension ability. Language Testing in Asia, 2018, 8, .	1.9	6
159	VrLELP controls flowering time under short-day conditions in Arabidopsis. Journal of Plant Research, 2021, 134, 141-149.	2.4	6
160	An explicit self-attention-based multimodality CNN in-loop filter for versatile video coding. Multimedia Tools and Applications, 2022, 81, 42497-42511.	3.9	6
161	A Deep Attention Model for Action Recognition from Skeleton Data. Applied Sciences (Switzerland), 2022, 12, 2006.	2.5	6
162	Ultrathin, Compacted Gel Polymer Electrolytes Enable Highâ€Energy and Stableâ€Cycling 4â€…V Lithiumâ€Metal Batteries. ChemElectroChem, 2020, 7, 3656-3662.	3.4	5

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163	Au@rGO modified Ni foam as a stable host for lithium metal anode. Solid State Ionics, 2021, 364, 115636.	2.7	5
164	Coarse-to-Fine Spatio-Temporal Information Fusion for Compressed Video Quality Enhancement. IEEE Signal Processing Letters, 2022, 29, 543-547.	3.6	5
165	A Global Appearance and Local Coding Distortion Based Fusion Framework for CNN Based Filtering in Video Coding. IEEE Transactions on Broadcasting, 2022, 68, 370-382.	3.2	5
166	Influence of cyclic non-isothermal heat treatment on microstructure, mechanical property and corrosion behavior of Alâ€“Znâ€“Mg alloy. Materials Research Express, 2019, 6, 096501.	1.6	4
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