

Han Wang

List of Publications by Year in descending order

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427
papers

8,808
citations

66343

42
h-index

69250

77
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429
all docs

429
docs citations

429
times ranked

8378
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent organic framework photocatalysts: structures and applications. <i>Chemical Society Reviews</i> , 2020, 49, 4135-4165.	38.1	649
2	Recent progress in covalent organic framework thin films: fabrications, applications and perspectives. <i>Chemical Society Reviews</i> , 2019, 48, 488-516.	38.1	564
3	Scheduling and routing algorithms for AGVs: A survey. <i>International Journal of Production Research</i> , 2002, 40, 745-760.	7.5	301
4	Ensemble Based Extreme Learning Machine. <i>IEEE Signal Processing Letters</i> , 2010, 17, 754-757.	3.6	217
5	Two-dimensional transition metal carbide and nitride (MXene) derived quantum dots (QDs): synthesis, properties, applications and prospects. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7508-7535.	10.3	201
6	Sparse Extreme Learning Machine for Classification. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 1858-1870.	9.5	196
7	Honey loaded alginate/PVA nanofibrous membrane as potential bioactive wound dressing. <i>Carbohydrate Polymers</i> , 2019, 219, 113-120.	10.2	196
8	Real-time corner detection algorithm for motion estimation. <i>Image and Vision Computing</i> , 1995, 13, 695-703.	4.5	163
9	Spinel ferrites (MFe ₂ O ₄): Synthesis, improvement and catalytic application in environment and energy field. <i>Advances in Colloid and Interface Science</i> , 2021, 294, 102486.	14.7	159
10	Analysis of gray level corner detection. <i>Pattern Recognition Letters</i> , 1999, 20, 149-162.	4.2	157
11	Recent advances in conjugated microporous polymers for photocatalysis: designs, applications, and prospects. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6434-6470.	10.3	140
12	Intensity Scan Context: Coding Intensity and Geometry Relations for Loop Closure Detection. , 2020, , .		125
13	Metal Organic Frameworks as Robust Host of Palladium Nanoparticles in Heterogeneous Catalysis: Synthesis, Application, and Prospect. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32579-32598.	8.0	120
14	F-LOAM : Fast LiDAR Odometry and Mapping. , 2021, , .		115
15	Stacked Extreme Learning Machines. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 2013-2025.	9.5	112
16	Hierarchical porous carbon material restricted Au catalyst for highly catalytic reduction of nitroaromatics. <i>Journal of Hazardous Materials</i> , 2019, 380, 120864.	12.4	110
17	Covalent triazine frameworks for carbon dioxide capture. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22848-22870.	10.3	106
18	Oxidative stability of fish oil supplemented with carnosic acid compared with synthetic antioxidants during long-term storage. <i>Food Chemistry</i> , 2011, 128, 93-99.	8.2	95

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19	Multiple Object Tracking With Attention to Appearance, Structure, Motion and Size. IEEE Access, 2019, 7, 104423-104434.	4.2	88
20	Selective adsorption mechanism of salicylic acid on pyrite surfaces and its application in flotation separation of chalcopyrite from pyrite. Separation and Purification Technology, 2020, 240, 116650.	7.9	87
21	miRNA-132-3p inhibits osteoblast differentiation by targeting Ep300 in simulated microgravity. Scientific Reports, 2015, 5, 18655.	3.3	81
22	Image denoising method based on a deep convolution neural network. IET Image Processing, 2018, 12, 485-493.	2.5	80
23	miR-33-5p, a novel mechano-sensitive microRNA promotes osteoblast differentiation by targeting Hmga2. Scientific Reports, 2016, 6, 23170.	3.3	78
24	Blind inpainting using the fully convolutional neural network. Visual Computer, 2017, 33, 249-261.	3.5	77
25	Coaxial electrospun PVA/PCL nanofibers with dual release of tea polyphenols and $\hat{\mu}$ -poly (L-lysine) as antioxidant and antibacterial wound dressing materials. International Journal of Pharmaceutics, 2021, 601, 120525.	5.2	77
26	Chip-Based Magnetic Solid-Phase Microextraction Online Coupled with MicroHPLC-ICPMS for the Determination of Mercury Species in Cells. Analytical Chemistry, 2016, 88, 796-802.	6.5	71
27	Salient Object Detection With Spatiotemporal Background Priors for Video. IEEE Transactions on Image Processing, 2017, 26, 3425-3436.	9.8	68
28	Constrained nonlinear models of fingerprint orientations with prediction. Pattern Recognition, 2006, 39, 102-114.	8.1	67
29	MicroRNA-139-3p regulates osteoblast differentiation and apoptosis by targeting ELK1 and interacting with long noncoding RNA ODSM. Cell Death and Disease, 2018, 9, 1107.	6.3	64
30	Combining singular points and orientation image information for fingerprint classification. Pattern Recognition, 2008, 41, 353-366.	8.1	63
31	Cross-View Action Recognition over Heterogeneous Feature Spaces. , 2013, , .		59
32	MiR-103 inhibits osteoblast proliferation mainly through suppressing Cav1.2 expression in simulated microgravity. Bone, 2015, 76, 121-128.	2.9	57
33	A vision-based obstacle detection system for Unmanned Surface Vehicle. , 2011, , .		55
34	Unsupervised feature selection via low-rank approximation and structure learning. Knowledge-Based Systems, 2017, 124, 70-79.	7.1	55
35	AbolDeepIO: A Novel Deep Inertial Odometry Network for Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1941-1950.	8.0	55
36	Activation mechanism of lead ions in the flotation of sphalerite depressed with zinc sulfate. Minerals Engineering, 2020, 146, 106132.	4.3	54

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37	Application of BW-ELM model on traffic sign recognition. <i>Neurocomputing</i> , 2014, 128, 153-159.	5.9	52
38	SMT Solder Joint Inspection via a Novel Cascaded Convolutional Neural Network. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018, 8, 670-677.	2.5	51
39	OriNet: Robust 3-D Orientation Estimation With a Single Particular IMU. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 399-406.	5.1	51
40	Wearable Flexible Strain Sensor Based on Three-Dimensional Wavy Laser-Induced Graphene and Silicone Rubber. <i>Sensors</i> , 2020, 20, 4266.	3.8	50
41	Axial and radial compressive properties of alumina-aluminum matrix syntactic foam filled thin-walled tubes. <i>Composite Structures</i> , 2019, 226, 111197.	5.8	46
42	Corner detection based on modified Hough transform. <i>Pattern Recognition Letters</i> , 2002, 23, 1039-1049.	4.2	45
43	A New IC Solder Joint Inspection Method for an Automatic Optical Inspection System Based on an Improved Visual Background Extraction Algorithm. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016, 6, 161-172.	2.5	45
44	Intensity-SLAM: Intensity Assisted Localization and Mapping for Large Scale Environment. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 1715-1721.	5.1	45
45	Vision-based navigation of an unmanned surface vehicle with object detection and tracking abilities. <i>Machine Vision and Applications</i> , 2018, 29, 95-112.	2.7	44
46	One-step fabrication of superhydrophobic surface on beryllium copper alloys and corrosion protection application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 291-298.	4.7	44
47	Survey on Localization Systems and Algorithms for Unmanned Systems. <i>Unmanned Systems</i> , 2021, 09, 129-163.	3.6	44
48	Interaction mechanism of tannic acid with pyrite surfaces and its response to flotation separation of chalcopyrite from pyrite in a low-alkaline medium. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4421-4430.	5.8	42
49	Groundwater contamination source identification based on a hybrid particle swarm optimization-extreme learning machine. <i>Journal of Hydrology</i> , 2020, 584, 124657.	5.4	42
50	Classification by evolutionary ensembles. <i>Pattern Recognition</i> , 2006, 39, 595-607.	8.1	40
51	Modification of malachite surfaces with lead ions and its contribution to the sulfidization flotation. <i>Applied Surface Science</i> , 2021, 550, 149350.	6.1	40
52	Simulated microgravity inhibits L-type calcium channel currents partially by the up-regulation of miR-103 in MC3T3-E1 osteoblasts. <i>Scientific Reports</i> , 2015, 5, 8077.	3.3	39
53	Effect of starch on surface properties of pyrite and chalcopyrite and its response to flotation separation at low alkalinity. <i>Minerals Engineering</i> , 2019, 143, 106015.	4.3	39
54	TDPP-Net: Achieving three-dimensional path planning via a deep neural network architecture. <i>Neurocomputing</i> , 2019, 357, 151-162.	5.9	39

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55	Fabrication and in vitro evaluation of PCL/gelatin hierarchical scaffolds based on melt electrospinning writing and solution electrospinning for bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 128, 112287.	7.3	39
56	Effect of copper ions on surface properties of ZnSO ₄ -depressed sphalerite and its response to flotation. <i>Separation and Purification Technology</i> , 2019, 228, 115756.	7.9	38
57	Multidrug-loaded electrospun micro/nanofibrous membranes: Fabrication strategies, release behaviors and applications in regenerative medicine. <i>Journal of Controlled Release</i> , 2021, 330, 1264-1287.	9.9	37
58	Lightweight 3-D Localization and Mapping for Solid-State LiDAR. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 1801-1807.	5.1	37
59	Dampness in dwellings and its associations with asthma and allergies among children in Chongqing: A cross-sectional study. <i>Science Bulletin</i> , 2013, 58, 4259-4266.	1.7	36
60	Graphene/In ₂ S ₃ van der Waals Heterostructure for Ultrasensitive Photodetection. <i>ACS Photonics</i> , 2018, 5, 4912-4919.	6.6	36
61	Angelica Essential Oil Loaded Electrospun Gelatin Nanofibers for Active Food Packaging Application. <i>Polymers</i> , 2020, 12, 299.	4.5	35
62	Fabrication of superhydrophobic metallic surface on the electrical discharge machining basement. <i>Applied Surface Science</i> , 2019, 478, 110-118.	6.1	34
63	A novel combination of electrical discharge machining and electrodeposition for superamphiphobic metallic surface fabrication. <i>Applied Surface Science</i> , 2020, 504, 144285.	6.1	33
64	Compressive properties of expanded glass and alumina hollow spheres hybrid reinforced aluminum matrix syntactic foams. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153233.	5.5	33
65	Immobilization of powdery calcium silicate hydrate via PVA covalent cross-linking process for phosphorus removal. <i>Science of the Total Environment</i> , 2018, 645, 937-945.	8.0	31
66	Integrating the (311) facet of MnO ₂ and the functional groups of poly(m-phenylenediamine) in core-shell MnO ₂ @poly(m-phenylenediamine) adsorbent to remove Pb ions from water. <i>Journal of Hazardous Materials</i> , 2020, 389, 122154.	12.4	31
67	Adsorption behavior and mechanism of copper ions in the sulfidization flotation of malachite. <i>International Journal of Mining Science and Technology</i> , 2022, 32, 897-906.	10.3	31
68	(âˆ—)-Epigallocatechin Gallate Targets Notch to Attenuate the Inflammatory Response in the Immediate Early Stage in Human Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 433.	4.8	30
69	Learn to Steer through Deep Reinforcement Learning. <i>Sensors</i> , 2018, 18, 3650.	3.8	30
70	Compressive Properties of Aluminum Matrix Syntactic Foams Prepared by Stir Casting Method. <i>Advanced Engineering Materials</i> , 2019, 21, 1900183.	3.5	30
71	Effect of structure design on compressive properties and energy absorption behavior of ordered porous aluminum prepared by rapid casting. <i>Materials and Design</i> , 2019, 167, 107631.	7.0	29
72	Adaptive Neural Control of a Hypersonic Vehicle in Discrete Time. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2014, 73, 219-231.	3.4	28

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73	Targeted silencing of miRNA-132-3p expression rescues disuse osteopenia by promoting mesenchymal stem cell osteogenic differentiation and osteogenesis in mice. <i>Stem Cell Research and Therapy</i> , 2020, 11, 58.	5.5	28
74	Rhinitis Symptoms and Asthma among Parents of Preschool Children in Relation to the Home Environment in Chongqing, China. <i>PLoS ONE</i> , 2014, 9, e94731.	2.5	27
75	A novel error compensation method for an absolute optical encoder based on empirical mode decomposition. <i>Mechanical Systems and Signal Processing</i> , 2017, 88, 81-88.	8.0	27
76	Lactic acid as selective depressant for flotation separation of chalcopyrite from pyrite and its depression mechanism. <i>Journal of Molecular Liquids</i> , 2019, 296, 111774.	4.9	27
77	Targeted overexpression of the long noncoding RNA ODSM can regulate osteoblast function in vitro and in vivo. <i>Cell Death and Disease</i> , 2020, 11, 133.	6.3	27
78	Markov random field modeled range image segmentation. <i>Pattern Recognition Letters</i> , 2004, 25, 367-375.	4.2	26
79	Stereovision based obstacle detection system for unmanned surface vehicle. , 2013, , .		26
80	Flexible Capacitive Pressure Sensor Based on Laser-Induced Graphene and Polydimethylsiloxane Foam. <i>IEEE Sensors Journal</i> , 2021, 21, 12048-12056.	4.7	25
81	Fast Relative Depth Computation for an Active Stereo Vision System. <i>Real Time Imaging</i> , 1999, 5, 189-202.	1.6	24
82	Sick building syndrome among parents of preschool children in relation to home environment in Chongqing, China. <i>Science Bulletin</i> , 2013, 58, 4267-4276.	1.7	24
83	Robust omnidirectional mobile robot topological navigation system using omnidirectional vision. <i>Engineering Applications of Artificial Intelligence</i> , 2013, 26, 1942-1952.	8.1	24
84	Multi-sensor fusion for steerable four-wheeled industrial vehicles. <i>Control Engineering Practice</i> , 1999, 7, 1233-1248.	5.5	23
85	Compressive response and microstructural evolution of in-situ TiB ₂ particle-reinforced 7075 aluminum matrix composite. <i>Transactions of Nonferrous Metals Society of China</i> , 2021, 31, 1235-1248.	4.2	23
86	Adsorption characteristics of Pb(II) species on the sulfidized malachite surface and its response to flotation. <i>Separation and Purification Technology</i> , 2021, 264, 118440.	7.9	23
87	IC Solder Joint Inspection via Robust Principle Component Analysis. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017, , 1-10.	2.5	22
88	Achieving Real-Time Path Planning in Unknown Environments Through Deep Neural Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 2093-2102.	8.0	22
89	Vision for mobile robots. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1992, 337, 341-350.	4.0	21
90	Vehicle following with obstacle avoidance capabilities in natural environments. , 2004, , .		21

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91	Video Annotation via Image Groups from the Web. IEEE Transactions on Multimedia, 2014, 16, 1282-1291.	7.2	21
92	RFS Collaborative Multivehicle SLAM: SLAM in Dynamic High-Clutter Environments. IEEE Robotics and Automation Magazine, 2014, 21, 53-59.	2.0	21
93	Risk assessment of inhalation exposure to VOCs in dwellings in Chongqing, China. Toxicology Research, 2018, 7, 59-72.	2.1	21
94	Pulse gas-assisted multi-needle electrospinning of nanofibers. Advanced Composites and Hybrid Materials, 2020, 3, 98-113.	21.1	21
95	Modeling and experimental validation of compaction pressure distribution for automated fiber placement. Composite Structures, 2021, 256, 113101.	5.8	21
96	Minimization of MRF Energy with Relaxation Labeling. Journal of Mathematical Imaging and Vision, 1997, 7, 149-161.	1.3	20
97	Improvement in real-time obstacle detection system for USV. , 2012, , .		20
98	Schwertmannite transformation via direct or indirect electron transfer by a sulfate reducing enrichment culture. Environmental Pollution, 2018, 242, 738-748.	7.5	20
99	MPC-based Unified Trajectory Planning and Tracking Control Approach for Automated Guided Vehicles. , 2019, , .		20
100	The ROS/GRK2/HIF-1 α /NLRP3 Pathway Mediates Pyroptosis of Fibroblast-Like Synoviocytes and the Regulation of Monomer Derivatives of Paeoniflorin. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	4.0	20
101	Effects of Heat and Ultraviolet Radiation on the Oxidative Stability of Pine Nut Oil Supplemented with Carnosic Acid. Journal of Agricultural and Food Chemistry, 2011, 59, 13018-13025.	5.2	19
102	Road Constrained Monocular Visual Localization Using Gaussian-Gaussian Cloud Model. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 3449-3456.	8.0	19
103	IC Solder Joint Inspection Based on an Adaptive-Template Method. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1121-1127.	2.5	19
104	Stretchable MXene/Thermoplastic Polyurethanes based Strain Sensor Fabricated Using a Combined Electrospinning and Electrostatic Spray Deposition Technique. Micromachines, 2021, 12, 252.	2.9	19
105	Response of antioxidant defense to oxidative stress induced by H ₂ O ₂ and NO in anammox bacteria. Chemosphere, 2021, 282, 131008.	8.2	19
106	Vision based long range object detection and tracking for unmanned surface vehicle. , 2015, , .		18
107	Cross-View Action Recognition Over Heterogeneous Feature Spaces. IEEE Transactions on Image Processing, 2015, 24, 4096-4108.	9.8	18
108	Wide-Baseline Stereo-Based Obstacle Mapping for Unmanned Surface Vehicles. Sensors, 2018, 18, 1085.	3.8	18

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109	Investigation on the high-temperature ductility and fracture mechanisms of an in-situ particle reinforced Al matrix composite 7075Al/TiB ₂ . <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 764, 138263.	5.6	18
110	Pyrogalllic acid as depressant for flotation separation of pyrite from chalcopyrite under low-alkalinity conditions. <i>Separation and Purification Technology</i> , 2021, 267, 118670.	7.9	18
111	Effect of ferric ion on cuprite surface properties and sulfidization flotation. <i>Separation and Purification Technology</i> , 2021, 278, 119573.	7.9	18
112	Learn to Navigate Autonomously Through Deep Reinforcement Learning. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 5342-5352.	7.9	18
113	The monomer derivative of paeoniflorin inhibits macrophage pyroptosis via regulating TLR4/ NLRP3/ GSDMD signaling pathway in adjuvant arthritis rats. <i>International Immunopharmacology</i> , 2021, 101, 108169.	3.8	18
114	A novel approach for real time eye state detection in fatigue awareness system. , 2010, , .		17
115	Effects of minor Sr additions on the as-cast microstructure, fluidity and mechanical properties of Mg-4.2Zn-1.7RE-0.8Zr-0.2Ca (wt%) alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 723, 118-125.	5.6	17
116	Configuration optimization of laser tracker stations for position measurement in error identification of heavy-duty machine tools. <i>Measurement Science and Technology</i> , 2019, 30, 045009.	2.6	17
117	Immobilized polyphenol oxidase: Preparation, optimization and oxidation of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 233-244.	7.5	17
118	BND*-DDQN: Learn to Steer Autonomously Through Deep Reinforcement Learning. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021, 13, 249-261.	3.8	17
119	Biocrude Upgrading in Different Solvents after Microalgae Hydrothermal Liquefaction. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7966-7974.	3.7	17
120	Influence of fiber cutting at the composite grid intersection on the compressive performance of laminate. <i>Composite Structures</i> , 2021, 267, 113859.	5.8	17
121	Simultaneous identification of groundwater contaminant source and simulation model parameters based on an ensemble Kalman filter “ Adaptive step length ant colony optimization algorithm. <i>Journal of Hydrology</i> , 2022, 605, 127352.	5.4	17
122	2D staircase detection using real AdaBoost. , 2009, , .		16
123	Exponential state estimation for stochastic complex dynamical networks with multi-delayed base on adaptive control. <i>International Journal of Control, Automation and Systems</i> , 2014, 12, 963-968.	2.7	16
124	Fabrication of microfluidic channels based on melt-electrospinning direct writing. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	16
125	M-Net: A Novel U-Net With Multi-Stream Feature Fusion and Multi-Scale Dilated Convolutions for Bile Ducts and Hepatolith Segmentation. <i>IEEE Access</i> , 2019, 7, 148645-148657.	4.2	16
126	Facile Fabrication of a Superhydrophobic Surface with Robust Micro-/Nanoscale Hierarchical Structures on Titanium Substrate. <i>Nanomaterials</i> , 2020, 10, 1509.	4.1	16

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127	Identification of copper-sulfide species on the cuprite surface and its role in sulfidization flotation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126854.	4.7	16
128	Survey on Fatigue Life Prediction of BGA Solder Joints. <i>Electronics (Switzerland)</i> , 2022, 11, 542.	3.1	16
129	A hierarchical genetic algorithm for path planning in a static environment with obstacles. , 0, , .		15
130	A Brief Survey: Deep Reinforcement Learning in Mobile Robot Navigation. , 2020, , .		15
131	Simultaneous identification of groundwater pollution source spatial-temporal characteristics and hydraulic parameters based on deep regularization neural network-hybrid heuristic algorithm. <i>Journal of Hydrology</i> , 2021, 600, 126586.	5.4	15
132	Evolutionary Extreme Learning Machine and Its Application to Image Analysis. <i>Journal of Signal Processing Systems</i> , 2013, 73, 73-81.	2.1	14
133	Maximum entropy searching. <i>CAAI Transactions on Intelligence Technology</i> , 2019, 4, 1-8.	8.1	14
134	The quasi-static axial compressive properties and energy absorption behavior of ex-situ ordered aluminum cellular structure filled tubes. <i>Composite Structures</i> , 2020, 239, 112039.	5.8	14
135	RPA-SYBR Green I based instrument-free visual detection for pathogenic <i>Yersinia enterocolitica</i> in meat. <i>Analytical Biochemistry</i> , 2021, 621, 114157.	2.4	14
136	A practical solution to corner detection. , 0, , .		13
137	Second-order implicit polynomials for segmentation of range images. <i>Pattern Recognition</i> , 1996, 29, 937-949.	8.1	13
138	Real-Time 3D Motion Tracking with Known Geometric Models. <i>Real Time Imaging</i> , 1999, 5, 167-187.	1.6	13
139	Fingerprint Indexing Based On Symmetrical Measurement. , 2006, , .		13
140	Appearance-Based Topological Bayesian Inference for Loop-Closing Detection in a Cross-Country Environment. <i>International Journal of Robotics Research</i> , 2006, 25, 953-983.	8.5	13
141	Geometric Map-Assisted Localization for Mobile Robots Based on Uniform-Gaussian Distribution. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 789-795.	5.1	13
142	Effect of calcium addition on microstructure, casting fluidity and mechanical properties of Mg-Zn-Ce-Zr magnesium alloy. <i>Journal of Rare Earths</i> , 2017, 35, 503-509.	4.8	13
143	A novel method of indirect rapid prototyping to fabricate the ordered porous aluminum with controllable dimension variation and their properties. <i>Journal of Materials Processing Technology</i> , 2019, 266, 373-380.	6.3	13
144	Compressive properties and energy absorption behavior of Mg ₁₇ Al ₁₂ /Al ordered structure composites. <i>Composites Part B: Engineering</i> , 2021, 210, 108688.	12.0	13

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145	Response of MiRNA-22-3p and MiRNA-149-5p to Folate Deficiency and the Differential Regulation of MTHFR Expression in Normal and Cancerous Human Hepatocytes. PLoS ONE, 2017, 12, e0168049.	2.5	13
146	Robust Estimation of Rotation Angles from Image Sequences Using the Annealing M-Estimator. Journal of Mathematical Imaging and Vision, 1998, 8, 181-192.	1.3	12
147	Open/closed eye recognition by local binary increasing intensity patterns. , 2011, , .		12
148	Fabrication and evaluation of controllable deposition distance for aligned pattern by multi-nozzle near-field electrospinning. AIP Advances, 2018, 8, .	1.3	12
149	Identification of groundwater contamination sources using a statistical algorithm based on an improved Kalman filter and simulation optimization. Hydrogeology Journal, 2019, 27, 2919-2931.	2.1	12
150	A Behavior-Based Mobile Robot Navigation Method with Deep Reinforcement Learning. Unmanned Systems, 2021, 09, 201-209.	3.6	12
151	Evolutionary Optimization With Markov Random Field Prior. IEEE Transactions on Evolutionary Computation, 2004, 8, 567-579.	10.0	11
152	Strategic Decision-Making Learning from Label Distributions: An Approach for Facial Age Estimation. Sensors, 2016, 16, 994.	3.8	11
153	Stereo vision based negative obstacle detection. , 2017, , .		11
154	Red warning for air pollution in China: Exploring residents' perceptions of the first two red warnings in Beijing. Environmental Research, 2018, 161, 540-545.	7.5	11
155	Micro-damage initiation evaluation of z-pinned laminates based on a new three-dimension RVE model. Composite Structures, 2021, 263, 113725.	5.8	11
156	Interaction mechanism of copper ions with the surface of sulfidized malachite and its response to flotation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 647, 129127.	4.7	11
157	Face Recognition with Multi-Resolution Spectral Feature Images. PLoS ONE, 2013, 8, e55700.	2.5	10
158	Genome-wide analysis and prediction of functional long noncoding RNAs in osteoblast differentiation under simulated microgravity. Molecular Medicine Reports, 2017, 16, 8180-8188.	2.4	10
159	Error analysis and compensation of an optical linear encoder. IET Science, Measurement and Technology, 2018, 12, 561-566.	1.6	10
160	Filter-Based Secure Dynamic Pose Estimation for Autonomous Vehicles. IEEE Sensors Journal, 2019, 19, 6298-6308.	4.7	10
161	Groundwater contamination sources identification based on kernel extreme learning machine and its effect due to wavelet denoising technique. Environmental Science and Pollution Research, 2020, 27, 34107-34120.	5.3	10
162	Microlens Fabrication by Replica Molding of Electro-Hydrodynamic Printing Liquid Mold. Micromachines, 2020, 11, 161.	2.9	10

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163	Placement suitability analysis of automated fiber placement on curved surfaces considering the influence of prepreg tow, roller and AFP machine. <i>Composite Structures</i> , 2021, 262, 113608.	5.8	10
164	Modelling Fertilizer Use in Relation to Farmers' Household Characteristics in Three Gorges Reservoir Area, China. <i>Agriculture (Switzerland)</i> , 2021, 11, 472.	3.1	10
165	IC solder joint inspection via generator-adversarial-network based template. <i>Machine Vision and Applications</i> , 2021, 32, 1.	2.7	10
166	Process optimization of polyphenol oxidase immobilization: Isotherm, kinetic, thermodynamic and removal of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 792-803.	7.5	10
167	Recognition of a linear source contamination based on a mixed-integer stacked chaos gate recurrent unit neural network-hybrid sparrow search algorithm. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33528-33543.	5.3	10
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