

Han Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

351
papers

4,960
citations

34
h-index

60
g-index

429
ext. papers

6,804
ext. citations

4.6
avg, IF

6.37
L-index

#	Paper	IF	Citations
351	Recent progress in covalent organic framework thin films: fabrications, applications and perspectives. <i>Chemical Society Reviews</i> , 2019 , 48, 488-516	58.5	390
350	Covalent organic framework photocatalysts: structures and applications. <i>Chemical Society Reviews</i> , 2020 , 49, 4135-4165	58.5	243
349	Scheduling and routing algorithms for AGVs: A survey. <i>International Journal of Production Research</i> , 2002 , 40, 745-760	7.8	226
348	Sparse extreme learning machine for classification. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 1858-70	10.2	171
347	Ensemble Based Extreme Learning Machine. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 754-757	3.2	171
346	Analysis of gray level corner detection. <i>Pattern Recognition Letters</i> , 1999 , 20, 149-162	4.7	119
345	Real-time corner detection algorithm for motion estimation. <i>Image and Vision Computing</i> , 1995 , 13, 695-703	3.93	119
344	Honey loaded alginate/PVA nanofibrous membrane as potential bioactive wound dressing. <i>Carbohydrate Polymers</i> , 2019 , 219, 113-120	10.3	113
343	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	13	95
342	Stacked Extreme Learning Machines. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2013-25	10.2	85
341	Hierarchical porous carbon material restricted Au catalyst for highly catalytic reduction of nitroaromatics. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120864	12.8	77
340	Oxidative stability of fish oil supplemented with carnosic acid compared with synthetic antioxidants during long-term storage. <i>Food Chemistry</i> , 2011 , 128, 93-9	8.5	69
339	Covalent triazine frameworks for carbon dioxide capture. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 22848-22870	13.22870	68
338	Recent advances in conjugated microporous polymers for photocatalysis: designs, applications, and prospects. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 6434-6470	13	67
337	miRNA-132-3p inhibits osteoblast differentiation by targeting Ep300 in simulated microgravity. <i>Scientific Reports</i> , 2015 , 5, 18655	4.9	65
336	miR-33-5p, a novel mechano-sensitive microRNA promotes osteoblast differentiation by targeting Hmga2. <i>Scientific Reports</i> , 2016 , 6, 23170	4.9	64
335	Chip-Based Magnetic Solid-Phase Microextraction Online Coupled with MicroHPLC-ICPMS for the Determination of Mercury Species in Cells. <i>Analytical Chemistry</i> , 2016 , 88, 796-802	7.8	62

334	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	9.5	62
333	Constrained nonlinear models of fingerprint orientations with prediction. <i>Pattern Recognition</i> , 2006 , 39, 102-114	7.7	61
332	Combining singular points and orientation image information for fingerprint classification. <i>Pattern Recognition</i> , 2008 , 41, 353-366	7.7	56
331	Multiple Object Tracking With Attention to Appearance, Structure, Motion and Size. <i>IEEE Access</i> , 2019 , 7, 104423-104434	3.5	55
330	Image denoising method based on a deep convolution neural network. <i>IET Image Processing</i> , 2018 , 12, 485-493	1.7	53
329	Cross-View Action Recognition over Heterogeneous Feature Spaces 2013 ,		49
328	MiR-103 inhibits osteoblast proliferation mainly through suppressing Cav1.2 expression in simulated microgravity. <i>Bone</i> , 2015 , 76, 121-8	4.7	48
327	Selective adsorption mechanism of salicylic acid on pyrite surfaces and its application in flotation separation of chalcopyrite from pyrite. <i>Separation and Purification Technology</i> , 2020 , 240, 116650	8.3	46
326	MicroRNA-139-3p regulates osteoblast differentiation and apoptosis by targeting ELK1 and interacting with long noncoding RNA ODSM. <i>Cell Death and Disease</i> , 2018 , 9, 1107	9.8	45
325	Salient object detection with spatiotemporal background priors for video. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3425-3436	8.7	44
324	Unsupervised feature selection via low-rank approximation and structure learning. <i>Knowledge-Based Systems</i> , 2017 , 124, 70-79	7.3	42
323	Application of BW-ELM model on traffic sign recognition. <i>Neurocomputing</i> , 2014 , 128, 153-159	5.4	41
322	A vision-based obstacle detection system for Unmanned Surface Vehicle 2011 ,		40
321	Activation mechanism of lead ions in the flotation of sphalerite depressed with zinc sulfate. <i>Minerals Engineering</i> , 2020 , 146, 106132	4.9	37
320	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	1.7	36
319	Blind inpainting using the fully convolutional neural network. <i>Visual Computer</i> , 2017 , 33, 249-261	2.3	34
318	Intensity Scan Context: Coding Intensity and Geometry Relations for Loop Closure Detection 2020 ,		34
317	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	5.1	33

316	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	1.7	31
315	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	4.9	31
314	Classification by evolutionary ensembles. <i>Pattern Recognition</i> , 2006 , 39, 595-607	7.7	31
313	Vision-based navigation of an unmanned surface vehicle with object detection and tracking abilities. <i>Machine Vision and Applications</i> , 2018 , 29, 95-112	2.8	29
312	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		29
311	Graphene/In ₂ S ₃ van der Waals Heterostructure for Ultrasensitive Photodetection. <i>ACS Photonics</i> , 2018 , 5, 4912-4919	6.3	28
310	Corner detection based on modified Hough transform. <i>Pattern Recognition Letters</i> , 2002 , 23, 1039-1049	4.7	27
309	AbolDeepIO: A Novel Deep Inertial Odometry Network for Autonomous Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 1941-1950	6.1	25
308	Groundwater contamination source identification based on a hybrid particle swarm optimization-extreme learning machine. <i>Journal of Hydrology</i> , 2020 , 584, 124657	6	23
307	Axial and radial compressive properties of alumina-aluminum matrix syntactic foam filled thin-walled tubes. <i>Composite Structures</i> , 2019 , 226, 111197	5.3	23
306	(-)-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	8.4	23
305	Spinel ferrites (MFeO): Synthesis, improvement and catalytic application in environment and energy field. <i>Advances in Colloid and Interface Science</i> , 2021 , 294, 102486	14.3	23
304	Robust omnidirectional mobile robot topological navigation system using omnidirectional vision. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 1942-1952	7.2	22
303	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	3.7	22
302	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	8.3	21
301	Learn to Steer through Deep Reinforcement Learning. <i>Sensors</i> , 2018 , 18,	3.8	21
300	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	7.8	20
299	TDPP-Net: Achieving three-dimensional path planning via a deep neural network architecture. <i>Neurocomputing</i> , 2019 , 357, 151-162	5.4	20

298	Angelica Essential Oil Loaded Electrospun Gelatin Nanofibers for Active Food Packaging Application. <i>Polymers</i> , 2020 , 12,	4.5	20
297	Markov random field modeled range image segmentation. <i>Pattern Recognition Letters</i> , 2004 , 25, 367-375	4.7	20
296	OriNet: Robust 3-D Orientation Estimation With a Single Particular IMU. <i>IEEE Robotics and Automation Letters</i> , 2020 , 5, 399-406	4.2	20
295	Compressive Properties of Aluminum Matrix Syntactic Foams Prepared by Stir Casting Method. <i>Advanced Engineering Materials</i> , 2019 , 21, 1900183	3.5	19
294	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	2.9	19
293	Stereovision based obstacle detection system for unmanned surface vehicle 2013 ,		19
292	Fabrication of superhydrophobic metallic surface on the electrical discharge machining basement. <i>Applied Surface Science</i> , 2019 , 478, 110-118	6.7	19
291	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	4.9	18
290	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1282-1291	6.6	18
289	Effects of heat and ultraviolet radiation on the oxidative stability of pine nut oil supplemented with carnosic acid. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 13018-25	5.7	18
288	Multi-sensor fusion for steerable four-wheeled industrial vehicles. <i>Control Engineering Practice</i> , 1999 , 7, 1233-1248	3.9	18
287	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	5.7	18
286	Wearable Flexible Strain Sensor Based on Three-Dimensional Wavy Laser-Induced Graphene and Silicone Rubber. <i>Sensors</i> , 2020 , 20,	3.8	18
285	IC Solder Joint Inspection via Robust Principle Component Analysis. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 1-10	1.7	17
284	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	9.8	17
283	Integrating the (311) facet of MnO and the functional groups of poly(m-phenylenediamine) in core-shell MnO@poly(m-phenylenediamine) adsorbent to remove Pb ions from water. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122154	12.8	17
282	Sick building syndrome among parents of preschool children in relation to home environment in Chongqing, China. <i>Science Bulletin</i> , 2013 , 58, 4267-4276		17
281	Improvement in real-time obstacle detection system for USV 2012 ,		17

280	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	8.1	16
279	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	5.5	16
278	Minimization of MRF Energy with Relaxation Labeling. <i>Journal of Mathematical Imaging and Vision</i> , 1997 , 7, 149-161	1.6	16
277	Fast Relative Depth Computation for an Active Stereo Vision System. <i>Real Time Imaging</i> , 1999 , 5, 189-202		16
276	A novel combination of electrical discharge machining and electrodeposition for superamphiphobic metallic surface fabrication. <i>Applied Surface Science</i> , 2020 , 504, 144285	6.7	16
275	Coaxial electrospun PVA/PCL nanofibers with dual release of tea polyphenols and ϵ -poly (L-lysine) as antioxidant and antibacterial wound dressing materials. <i>International Journal of Pharmaceutics</i> , 2021 , 601, 120525	6.5	16
274	Modification of malachite surfaces with lead ions and its contribution to the sulfidization flotation. <i>Applied Surface Science</i> , 2021 , 550, 149350	6.7	16
273	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	8.3	15
272	RFS Collaborative Multivehicle SLAM: SLAM in Dynamic High-Clutter Environments. <i>IEEE Robotics and Automation Magazine</i> , 2014 , 21, 53-59	3.4	15
271	F-LOAM : Fast LiDAR Odometry and Mapping 2021 ,		15
270	IC Solder Joint Inspection Based on an Adaptive-Template Method. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018 , 8, 1121-1127	1.7	14
269	Risk assessment of inhalation exposure to VOCs in dwellings in Chongqing, China. <i>Toxicology Research</i> , 2018 , 7, 59-72	2.6	14
268	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	10.2	14
267	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	2.9	14
266	Vision based long range object detection and tracking for unmanned surface vehicle 2015 ,		13
265	Cross-View Action Recognition Over Heterogeneous Feature Spaces. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4096-108	8.7	13
264	Wide-Baseline Stereo-Based Obstacle Mapping for Unmanned Surface Vehicles. <i>Sensors</i> , 2018 , 18,	3.8	13
263	Evolutionary Extreme Learning Machine and Its Application to Image Analysis. <i>Journal of Signal Processing Systems</i> , 2013 , 73, 73-81	1.4	13

262	Survey on Localization Systems and Algorithms for Unmanned Systems. <i>Unmanned Systems</i> , 2021 , 09, 129-163	3	13
261	Maximum entropy searching. <i>CAAI Transactions on Intelligence Technology</i> , 2019 , 4, 1-8	9.7	12
260	A novel approach for real time eye state detection in fatigue awareness system 2010 ,		12
259	Second-order implicit polynomials for segmentation of range images. <i>Pattern Recognition</i> , 1996 , 29, 937-949	7.7	12
258	Pulse gas-assisted multi-needle electrospinning of nanofibers. <i>Advanced Composites and Hybrid Materials</i> , 2020 , 3, 98-113	8.7	12
257	Road Constrained Monocular Visual Localization Using Gaussian-Gaussian Cloud Model. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 3449-3456	6.1	11
256	Fabrication of microfluidic channels based on melt-electrospinning direct writing. <i>Microfluidics and Nanofluidics</i> , 2018 , 22, 1	2.8	11
255	Schwertmannite transformation via direct or indirect electron transfer by a sulfate reducing enrichment culture. <i>Environmental Pollution</i> , 2018 , 242, 738-748	9.3	11
254	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	5.7	11
253	Real-Time 3D Motion Tracking with Known Geometric Models. <i>Real Time Imaging</i> , 1999 , 5, 167-187		11
252	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	8.3	11
251	Geometric Map-Assisted Localization for Mobile Robots Based on Uniform-Gaussian Distribution. <i>IEEE Robotics and Automation Letters</i> , 2017 , 2, 789-795	4.2	10
250	Immobilized polyphenol oxidase: Preparation, optimization and oxidation of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 233-244	7.9	10
249	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	6	10
248	2D staircase detection using real AdaBoost 2009 ,		10
247	Evolutionary optimization with Markov random field prior. <i>IEEE Transactions on Evolutionary Computation</i> , 2004 , 8, 567-579	15.6	10
246	Vision for mobile robots. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1992 , 337, 341-350	5.8	10
245	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. <i>PLoS ONE</i> , 2017 , 12, e0168049	3.7	10

244	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	5.3	9
243	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	5.3	9
242	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	5.3	9
241	Genome-wide analysis and prediction of functional long noncoding RNAs in osteoblast differentiation under simulated microgravity. <i>Molecular Medicine Reports</i> , 2017 , 16, 8180-8188	2.9	9
240	Deposition characteristics of the double nozzles near-field electrospinning. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 118, 621-628	2.6	9
239	Face recognition with multi-resolution spectral feature images. <i>PLoS ONE</i> , 2013 , 8, e55700	3.7	9
238	Open/closed eye recognition by local binary increasing intensity patterns 2011 ,		9
237	Lightweight 3-D Localization and Mapping for Solid-State LiDAR. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 1801-1807	4.2	9
236	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	8
235	Multi-group Adaptation for Event Recognition from Videos 2014 ,		8
234	Robust Estimation of Rotation Angles from Image Sequences Using the Annealing M-Estimator. <i>Journal of Mathematical Imaging and Vision</i> , 1998 , 8, 181-192	1.6	8
233	Real-time object tracking from corners. <i>Robotica</i> , 1998 , 16, 109-116	2.1	8
232	Intensity-SLAM: Intensity Assisted Localization and Mapping for Large Scale Environment. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 1715-1721	4.2	8
231	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	8.3	8
230	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	5.3	8
229	Heading Reference-Assisted Pose Estimation for Ground Vehicles. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019 , 16, 448-458	4.9	8
228	Effect of ferric ion on cuprite surface properties and sulfidization flotation. <i>Separation and Purification Technology</i> , 2022 , 278, 119573	8.3	8
227	Identification of groundwater contamination sources using a statistical algorithm based on an improved Kalman filter and simulation optimization. <i>Hydrogeology Journal</i> , 2019 , 27, 2919-2931	3.1	7

226	Microlens Fabrication by Replica Molding of Electro-Hydrodynamic Printing Liquid Mold. <i>Micromachines</i> , 2020 , 11,	3.3	7
225	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	3.5	7
224	(H_infty) Model Reduction for the Distillation Column Linear System. <i>Circuits, Systems, and Signal Processing</i> , 2014 , 33, 3287-3297	2.2	7
223	Object co-segmentation via weakly supervised data fusion. <i>Computer Vision and Image Understanding</i> , 2017 , 155, 43-54	4.3	7
222	Weighted principal component extraction with genetic algorithms. <i>Applied Soft Computing Journal</i> , 2012 , 12, 961-974	7.5	7
221	Real-time obstacle detection for Unmanned Surface Vehicle 2011 ,		7
220	Reading resistor values by color image processing 1997 , 3185, 157		7
219	Bayesian image restoration and segmentation by constrained optimization 1996 ,		7
218	Facile Fabrication of a Superhydrophobic Surface with Robust Micro-/Nanoscale Hierarchical Structures on Titanium Substrate. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
217	Strategic Decision-Making Learning from Label Distributions: An Approach for Facial Age Estimation. <i>Sensors</i> , 2016 , 16,	3.8	7
216	Learning Gaussian mixture model with a maximization-maximization algorithm for image classification 2016 ,		7
215	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 ^{11.7}		7
214	Flexible Capacitive Pressure Sensor Based on Laser-Induced Graphene and Polydimethylsiloxane Foam. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	7
213	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	3.7	6
212	Heuristic search strategy based on probabilistic and geostatistical simulation approach for simultaneous identification of groundwater contaminant source and simulation model parameters. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 891-907	3.5	6
211	Micro Electrochemical Machining of Array Micro-Grooves Using In-Situ Disk Electrode Fabricated by Micro-WEDM. <i>Micromachines</i> , 2020 , 11,	3.3	6
210	Red warning for air pollution in China: Exploring residents' perceptions of the first two red warnings in Beijing. <i>Environmental Research</i> , 2018 , 161, 540-545	7.9	6
209	. <i>IEEE Sensors Journal</i> , 2019 , 19, 6298-6308	4	6

208	Stereo vision based negative obstacle detection 2017 ,		6
207	Improving the measurement accuracy of an absolute imaging position encoder via a new edge detection method. <i>IET Science, Measurement and Technology</i> , 2017 , 11, 406-413	1.5	6
206	Real-time three-dimensional smooth path planning for unmanned aerial vehicles in completely unknown cluttered environments 2017 ,		6
205	Extending Bayesian RFS SLAM to multi-vehicle SLAM 2012 ,		6
204			6
203	Automatic detonator code recognition via deep neural network. <i>Expert Systems With Applications</i> , 2020 , 145, 113121	7.8	6
202	Groundwater contaminant source characterization with simulation model parameter estimation utilizing a heuristic search strategy based on the stochastic-simulation statistic method. <i>Journal of Contaminant Hydrology</i> , 2020 , 234, 103681	3.9	6
201	Stretchable MXene/Thermoplastic Polyurethanes based Strain Sensor Fabricated Using a Combined Electrospinning and Electrostatic Spray Deposition Technique. <i>Micromachines</i> , 2021 , 12,	3.3	6
200	Biocrude Upgrading in Different Solvents after Microalgae Hydrothermal Liquefaction. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 7966-7974	3.9	6
199	Error analysis and compensation of an optical linear encoder. <i>IET Science, Measurement and Technology</i> , 2018 , 12, 561-566	1.5	6
198	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	5.1	6
197	Adaptive estimation for delayed neural networks with Markovian jumping parameters. <i>Optik</i> , 2015 , 126, 2960-2964	2.5	5
196	Numerical simulation and experimental investigation of a thin-wall magnesium alloy casting based on a rapid prototyping core making method. <i>International Journal of Cast Metals Research</i> , 2018 , 31, 37-46	1	5
195	Fabrication and evaluation of controllable deposition distance for aligned pattern by multi-nozzle near-field electrospinning. <i>AIP Advances</i> , 2018 , 8, 075111	1.5	5
194	Dynamic random regression forests for real-time head pose estimation. <i>Machine Vision and Applications</i> , 2013 , 24, 1705-1719	2.8	5
193	A hybrid feature parametrization for improving stereo-SLAM consistency 2017 ,		5
192	Achieving Real-Time Path Planning in Unknown Environments Through Deep Neural Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-10	6.1	5
191	Micro-damage initiation evaluation of z-pinned laminates based on a new three-dimension RVE model. <i>Composite Structures</i> , 2021 , 263, 113725	5.3	5

190	MPC-based Unified Trajectory Planning and Tracking Control Approach for Automated Guided Vehicles* 2019 ,		5
189	From Local Understanding to Global Regression in Monocular Visual Odometry. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2020 , 34, 2055002	1.1	5
188	Simultaneous identification of groundwater contaminant sources and simulation of model parameters based on an improved single-component adaptive Metropolis algorithm. <i>Hydrogeology Journal</i> , 2021 , 29, 859-873	3.1	5
187	Modeling and experimental validation of compaction pressure distribution for automated fiber placement. <i>Composite Structures</i> , 2021 , 256, 113101	5.3	5
186	A vision-based character inspection system for tire mold. <i>Assembly Automation</i> , 2017 , 37, 230-237	2.1	4
185	Sparse Coding Based Fisher Vector Using a Bayesian Approach. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 91-95	3.2	4
184	Depth-based Obstacle Avoidance through Deep Reinforcement Learning 2019 ,		4
183	An Automatic Self-Calibration Approach for Wide Baseline Stereo Cameras Using Sea Surface Images. <i>Unmanned Systems</i> , 2015 , 03, 277-290	3	4
182	Optimization of laser trackers locations for position measurement 2018 ,		4
181	DeepDSAIR: Deep 6-DOF camera relocalization using deblurred semantic-aware image representation for large-scale outdoor environments. <i>Image and Vision Computing</i> , 2019 , 89, 120-130	3.7	4
180	Robust homography estimation based on non-linear least squares optimization 2013 ,		4
179	An automatic system for multi-view face detection and pose estimation 2010 ,		4
178	Nonlinear phase portrait modeling of fingerprint orientation		4
177	Robust hand-eye coordination. <i>Advanced Robotics</i> , 1996 , 11, 57-73	1.7	4
176	Implementation of Apply on a transputer array. <i>Concurrency and Computation: Practice and Experience</i> , 1991 , 3, 43-54		4
175	Online Visual Place Recognition via Saliency Re-identification 2020 ,		4
174	Image-Based Maritime Obstacle Detection Using Global Sparsity Potentials. <i>Journal of Information and Communication Convergence Engineering</i> , 2016 , 14, 129-135		4
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