Yan Liu

List of Publications by Citations

220 papers	7,360 citations	46 h-index	79 g-index
243 ext. papers	9,421 ext. citations	5.7 avg, IF	6.49 L-index

#	Paper	IF	Citations
220	Recurrent Neural Networks for Multivariate Time Series with Missing Values. *Scientific Reports*, **2018**, 8, 6085	4.9	496
219	Stretchable all-solid-state supercapacitor with wavy shaped polyaniline/graphene electrode. *Journal of Materials Chemistry A*, **2014**, 2, 9142-9149	13	264
218	Design of Hierarchical Ni?Co@Ni?Co Layered Double Hydroxide Core Shell Structured Nanotube Array for High-Performance Flexible All-Solid-State Battery-Type Supercapacitors. *Advanced Functional Materials*, **2017**, 27, 1605307	15.6	230
217	Suspended Wavy Graphene Microribbons for Highly Stretchable Microsupercapacitors. *Advanced Materials*, **2015**, 27, 5559-66	24	228
216	Carboxyl-functionalized graphene oxide polyaniline composite as a promising supercapacitor material. *Journal of Materials Chemistry*, **2012**, 22, 13619		223
215	Universal Strategy for HF-Free Facile and Rapid Synthesis of Two-dimensional MXenes as Multifunctional Energy Materials. *Journal of the American Chemical Society*, **2019**, 141, 9610-9616	16.4	208
214	CSI **2017**,		207
213	Ethylene glycol reduced graphene oxide/polypyrrole composite for supercapacitor. *Electrochimica Acta*, **2013**, 88, 519-525	6.7	167
212	Interpretable Convolutional Neural Networks with Dual Local and Global Attention for Review Rating Prediction **2017**,		155
211	Deep Learning: A Generic Approach for Extreme Condition Traffic Forecasting **2017**, 777-785		147
210	Smart polymer fibers with shape memory effect. *Smart Materials and Structures*, **2006**, 15, 1547-1554	3.4	146
209	Harvesting the Vibration Energy of BiFeO Nanosheets for Hydrogen Evolution. *Angewandte Chemie - International Edition*, **2019**, 58, 11779-11784	16.4	145
208	Regulation of copper and iron homeostasis by metal chelators: a possible chemotherapy for Alzheimer s disease. *Accounts of Chemical Research*, **2015**, 48, 1332-9	24.3	139
207	Benchmarking deep learning models on large healthcare datasets. *Journal of Biomedical Informatics*, **2018**, 83, 112-134	10.2	124
206	Valence Engineering via Selective Atomic Substitution on Tetrahedral Sites in Spinel Oxide for Highly Enhanced Oxygen Evolution Catalysis. *Journal of the American Chemical Society*, **2019**, 141, 8136-8145	16.4	120
205	Metal Ions in Alzheimer s Disease: A Key Role or Not?. *Accounts of Chemical Research*, **2019**, 52, 2026-2035	24.3	117
204	Combating Fake News. *ACM Transactions on Intelligent Systems and Technology*, **2019**, 10, 1-42	8	114

203	Deep Computational Phenotyping **2015**,		101
202	Development of shape memory polyurethane fiber with complete shape recoverability. *Smart Materials and Structures*, **2006**, 15, 1385-1394	3.4	94
201	Multi-task Representation Learning for Travel Time Estimation **2018**,		92
200	Flexible fiber hybrid supercapacitor with NiCo2O4 nanograss@carbon fiber and bio-waste derived high surface area porous carbon. *Electrochimica Acta*, **2016**, 211, 411-419	6.7	91
199	Latent Space Model for Road Networks to Predict Time-Varying Traffic **2016**,		87
198	Structural study-guided development of versatile phase-transfer catalysts for asymmetric conjugate additions of cyanide. *Angewandte Chemie - International Edition*, **2011**, 50, 10565-9	16.4	85
197	EBM **2013**,		84
196	Synthesis and pharmacological activities of xanthone derivatives as alpha-glucosidase inhibitors. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 5683-90	3.4	82
195	Morphology, phase separation, thermal and mechanical property differences of shape memory fibres prepared by different spinning methods. *Smart Materials and Structures*, **2007**, 16, 1192-1197	3.4	80
194	Towards high areal capacitance, rate capability, and tailorable supercapacitors: Co3O4@polypyrrole core–shell nanorod bundle array electrodes. *Journal of Materials Chemistry A*, **2018**, 6, 19058-19065	13	79
193	Engineering hetero-epitaxial nanostructures with aligned Li-ion channels in Li-rich layered oxides for high-performance cathode application. *Nano Energy*, **2017**, 35, 271-280	17.1	78
192	Colloidal synthesis of metastable zinc-blende IV-VI SnS nanocrystals with tunable sizes. *Nanoscale*, **2011**, 3, 4346-51	7.7	77
191	Room temperature N-heterocyclic carbene manganese catalyzed selective N-alkylation of anilines with alcohols. *Chemical Communications*, **2019**, 55, 6213-6216	5.8	70
190	Polycaprolactone-based shape memory segmented polyurethane fiber. *Journal of Applied Polymer Science*, **2007**, 106, 2515-2523	2.9	70
189	Tetra-heteroatom self-doped carbon nanosheets derived from silkworm excrement for high-performance supercapacitors. *Journal of Power Sources*, **2018**, 379, 74-83	8.9	69
188	Highly Enantioselective Asymmetric Darzens Reactions with a Phase Transfer Catalyst. *Chemical Science*, **2011**, 2, 1301-1304	9.4	68
187	Utilizing Machine Learning and Automated Performance Metrics to Evaluate Robot-Assisted Radical Prostatectomy Performance and Predict Outcomes. *Journal of Endourology*, **2018**, 32, 438-444	2.7	67
186	The in vitro structure-related anti-cancer activity of ginsenosides and their derivatives. *Molecules*, **2011**, 16, 10619-30	4.8	67

185	Facile synthesis of monodisperse, size-tunable SnS nanoparticles potentially for solar cell energy conversion. *Nanotechnology*, **2010**, 21, 105707	3.4	63
184	Commercial Dacron cloth supported Cu(OH)2 nanobelt arrays for wearable supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 14781-14788	13	62
183	Synthesis of xanthone derivatives with extended pi-systems as alpha-glucosidase inhibitors: insight into the probable binding mode. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 2810-4	3.4	58
182	Polymeric Membranes with Selective Solution-Diffusion for Intercepting Volatile Organic Compounds during Solar-Driven Water Remediation. *Advanced Materials*, **2020**, 32, e2004401	24	54
181	A deep-learning model using automated performance metrics and clinical features to predict urinary continence recovery after robot-assisted radical prostatectomy. *BJU International*, **2019**, 124, 487-495	5.6	51
180	Screen-printable films of graphene/CoS2/Ni3S4 composites for the fabrication of flexible and arbitrary-shaped all-solid-state hybrid supercapacitors. *Carbon*, **2019**, 146, 557-567	10.4	49
179	Neural User Response Generator: Fake News Detection with Collective User Intelligence **2018**,		49
178	Synthesis, inhibitory activities, and QSAR study of xanthone derivatives as alpha-glucosidase inhibitors. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 7185-92	3.4	48
177	A bifunctional strategy for N-heterocyclic carbene-stabilized iridium complex-catalyzed N-alkylation of amines with alcohols in aqueous media. *Green Chemistry*, **2019**, 21, 219-224	10	46
176	Current status of artificial intelligence applications in urology and their potential to influence clinical practice. *BJU International*, **2019**, 124, 567	5.6	46
175	Construction project selection using fuzzy TOPSIS approach. *Journal of Modelling in Management*, **2010**, 5, 302-315	2.2	46
174	Boosting Deep Learning Risk Prediction with Generative Adversarial Networks for Electronic Health Records **2017**,		44
173	Boosting the oxygen evolution reaction in non-precious catalysts by structural and electronic engineering. *Journal of Materials Chemistry A*, **2018**, 6, 10253-10263	13	43
172	Phase-transfer-catalyzed asymmetric conjugate cyanation of alkylidenemalonates with KCN in the presence of a Brønsted acid additive. *Organic Letters*, **2013**, 15, 1230-3	6.2	43
171	Facile synthesis of a mechanically robust and highly porous NiO film with excellent electrocatalytic activity towards methanol oxidation. *Nanoscale*, **2016**, 8, 11256-63	7.7	43
170	Multi-view transfer learning with a large margin approach **2011**,		41
169	In situ generation of CoS1.097 nanoparticles on S/N co-doped graphene/carbonized foam for mechanically tough and flexible all solid-state supercapacitors. *Journal of Materials Chemistry A*, **2018**, 6, 11966-11977	13	40
168	Nonbifunctional Outer-Sphere Strategy Achieved Highly Active Alkylation of Ketones with Alcohols by -Heterocyclic Carbene Manganese (NHC-Mn). *Organic Letters*, **2019**, 21, 8065-8070	6.2	39

167   Survival outcome prediction in cervical cancer: Cox models vs deep-learning model. *American Journal of Obstetrics and Gynecology*, **2019**, 220, 381.e1-381.e14   6.4   38

166   Granger Causality for Time-Series Anomaly Detection **2012**,   37

165   Cobalt-copper layered double hydroxide nanosheets as high performance bifunctional catalysts for rechargeable lithium-air batteries. *Journal of Alloys and Compounds*, **2016**, 688, 380-387   5.7   36

164   Shape memory behavior of SMPU knitted fabric. *Journal of Zhejiang University: Science A*, **2007**, 8, 830-834   1.1   36

163   Flexible and highly conductive Ag/G-coated cotton fabric based on graphene dipping and silver magnetron sputtering. *Cellulose*, **2018**, 25, 3691-3701   5.5   33

162   Binding mechanism and synergetic effects of xanthone derivatives as noncompetitive glucosidase inhibitors: a theoretical and experimental study. *Journal of Physical Chemistry B*, **2013**, 117, 13464-71   3.4   33

161   Organic-free Anatase TiO_2 Paste for Efficient Plastic Dye-Sensitized Solar Cells and Low Temperature Processed Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 19431-8   9.5   32

160   High-resolution functional annotation of human transcriptome: predicting isoform functions by a novel multiple instance-based label propagation method. *Nucleic Acids Research*, **2014**, 42, e39   20.1   32

159   Development of Phenothiazine-Based Theranostic Compounds That Act Both as Inhibitors of Amyloid Aggregation and as Imaging Probes for Amyloid Plaques in Alzheimer's Disease. *ACS Chemical Neuroscience*, **2017**, 8, 798-806   5.7   31

158   GLAD. *ACM Transactions on Knowledge Discovery From Data*, **2015**, 10, 1-22   4   31

157   Predicting and verifying outcome of Tripterygium wilfordii Hook F. based therapy in rheumatoid arthritis: from open to double-blinded randomized trial. *Scientific Reports*, **2015**, 5, 9700   4.9   31

156   Conformal Coating of Heterogeneous CoO/Co Nanocomposites on Carbon Nanotubes as Efficient Bifunctional Electrocatalyst for Li-Air Batteries. *Electrochimica Acta*, **2016**, 219, 560-567   6.7   29

155   GLAD **2014**,   29

154   Preparation of Tetradentate Copper Chelators as Potential Anti-Alzheimer Agents. *ChemMedChem*, **2018**, 13, 684-704   3.7   27

153   Ni@NiO core/shell dendrites for ultra-long cycle life electrochemical energy storage. *Journal of Materials Chemistry A*, **2016**, 4, 15049-15056   13   27

152   Towards Twitter context summarization with user influence models **2013**,   25

151   Mechanism of Hypervalent Iodine Promoted Fluorocyclization of Unsaturated Alcohols: Metathesis via Double Acids Activation. *Journal of Organic Chemistry*, **2019**, 84, 458-462   4.2   25

150   Engineering NiFe layered double hydroxide by valence control and intermediate stabilization toward the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2020**, 8, 26130-26138   13   24

149	Effect of Amino-, Methyl- and Epoxy-Silane Coupling as a Molecular Bridge for Formatting a Biomimetic Hydroxyapatite Coating on Titanium by Electrochemical Deposition. *Journal of Materials Science and Technology*, **2016**, 32, 956-965	9.1	24
148	Facile preparation of hierarchical TiO2 nanowire/nanoparticle/nanotube architecture for highly efficient dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2015**, 3, 20366-20374	13	23
147	Anti-tumour effects of xanthone derivatives and the possible mechanisms of action. *Investigational New Drugs*, **2011**, 29, 1230-40	4.3	23
146	Preparation of highly graphitized porous carbon from resins treated with Cr6+-containing wastewater for supercapacitors. *Journal of Materials Chemistry A*, **2013**, 1, 6558	13	21
145	Cytotoxicity of cantharidin analogues targeting protein phosphatase 2A. *Anti-Cancer Drugs*, **2006**, 17, 905-11	2.4	21
144	Cracks bring robustness: a pre-cracked NiO nanosponge electrode with greatly enhanced cycle stability and rate performance. *Journal of Materials Chemistry A*, **2016**, 4, 8211-8218	13	21
143	FBLG **2014**,		20
142	An effective approach of lesion segmentation within the breast ultrasound image based on the cellular automata principle. *Journal of Digital Imaging*, **2012**, 25, 580-90	5.3	20
141	Efficient Asymmetric Synthesis of a Bicyclic Amino Acid as a Core Structure of Telaprevir. *ChemCatChem*, **2012**, 4, 980-982	5.2	20
140	Polydopamine-Assisted Electrochemical Fabrication of Polypyrrole Nanofibers on Bone Implants to Improve Bioactivity. *Macromolecular Materials and Engineering*, **2016**, 301, 1288-1294	3.9	20
139	Sustainable and Selective Alkylation of Deactivated Secondary Alcohols to Ketones by Non-bifunctional Pincer N-heterocyclic Carbene Manganese. *ChemSusChem*, **2020**, 13, 2557-2563	8.3	19
138	Mutation of cysteine 46 in IKK-beta increases inflammatory responses. *Oncotarget*, **2015**, 6, 31805-19	3.3	19
137	An Examination of Practical Granger Causality Inference **2013**,		19
136	Computer aided diagnosis system for breast cancer based on color Doppler flow imaging. *Journal of Medical Systems*, **2012**, 36, 3975-82	5.1	19
135	Synthesis of 3-acyloxyxanthone derivatives as α-glucosidase inhibitors: A further insight into the 3-substituents' effect. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 1431-8	3.4	18
134	Boron-Based Lewis Acid Transition Metal Complexes as Potential Bifunctional Catalysts. *Chinese Journal of Organic Chemistry*, **2017**, 37, 2187	3	18
133	An Examination of Multivariate Time Series Hashing with Applications to Health Care **2014**,		17
132	Granger Causality Analysis in Irregular Time Series **2012**,		17

131	SHAPE MEMORY POLYURETHANE FOR SMART GARMENT. *Research Journal of Textile and Apparel*, **2002**, 6, 75-83	1.1	17
130	Low temperature transfer of well-tailored TiO2 nanotube array membrane for efficient plastic dye-sensitized solar cells. *Journal of Power Sources*, **2017**, 343, 47-53	8.9	16
129	Electrically Reversible Redox-Switchable Polydopamine Films for Regulating Cell Behavior. *Electrochimica Acta*, **2017**, 228, 343-350	6.7	16
128	Rationalization of the selectivity between 1,3- and 1,2-migration: a DFT study on gold(i)-catalyzed propargylic ester rearrangement. *Organic and Biomolecular Chemistry*, **2016**, 14, 3558-63	3.9	16
127	Bayesian Regularization via Graph Laplacian. *Bayesian Analysis*, **2014**, 9,	2.3	16
126	Catalytic Asymmetric Synthesis of 3-Substituted Proline Derivatives by Using Phase-Transfer-Catalyzed Conjugate Addition. *Asian Journal of Organic Chemistry*, **2012**, 1, 180-186	3	16
125	Community discovery and profiling with social messages **2012**,		16
124	Safety Profiles of Hook F: A Systematic Review and Meta-Analysis. *Frontiers in Pharmacology*, **2016**, 7, 402	5.6	16
123	Frustrated Lewis Pair Catalyzed C-H Activation of Heteroarenes: A Stepwise Carbene Mechanism Due to Distance Effect. *Organic Letters*, **2018**, 20, 1102-1105	6.2	15
122	Hypervalent Iodine Mediated Chemoselective Iodination of Alkynes. *Journal of Organic Chemistry*, **2017**, 82, 11865-11871	4.2	15
121	Accelerating Active Learning with Transfer Learning **2013**,		15
120	Five nitro-phenyl compounds from the South China Sea mangrove fungus. *Journal of Asian Natural Products Research*, **2007**, 9, 643-8	1.5	15
119	Surface functionalization of Ag/polypyrrole-coated cotton fabric by in situ polymerization and magnetron sputtering. *Textile Reseach Journal*, **2019**, 89, 4884-4895	1.7	14
118	N -Tetradentate Chelators Efficiently Regulate Copper Homeostasis and Prevent ROS Production Induced by Copper-Amyloid-□*Chemistry - A European Journal*, **2018**, 24, 7825-7829	4.8	14
117	A pilot study in using deep learning to predict limited life expectancy in women with recurrent cervical cancer. *American Journal of Obstetrics and Gynecology*, **2017**, 217, 703-705	6.4	14
116	Deep Learning Solutions to Computational Phenotyping in Health Care **2017**,		14
115	A general framework for scalable transductive transfer learning. *Knowledge and Information Systems*, **2014**, 38, 61-83	2.4	14
114	Small Molecules: The Past or the Future in Drug Innovation?. *Metal Ions in Life Sciences*, **2019**, 19,	2.6	14

113	Metallalkenyl, Metallacyclopropene, or Metallallylcarbenoid? Ru-Catalyzed Annulation between Benzoic Acid and Alkyne. *ACS Catalysis*, **2019**, 9, 9387-9392	13.1	13
112	Fabrication and characterization of electrospun cellulose/polyacrylonitrile nanofibers with Cu(II) ions. *Cellulose*, **2018**, 25, 2955-2963	5.5	13
111	Catalyzed or non-catalyzed: chemoselectivity of Ru-catalyzed acceptorless dehydrogenative coupling of alcohols and amines via metal□gand bond cooperation and (de)aromatization. *Catalysis Science and Technology*, **2019**, 9, 2305-2314	5.5	12
110	**2020**,		12
109	Electrochemically assisted flexible lanthanide upconversion luminescence sensing of heavy metal contamination with high sensitivity and selectivity. *Nanoscale Advances*, **2019**, 1, 265-272	5.1	12
108	Hierarchical Active Transfer Learning **2015**,		12
107	Inferring Social Strength from Spatiotemporal Data. *ACM Transactions on Database Systems*, **2016**, 41, 1-47	1.6	12
106	Functionalization of cotton by reduced graphene oxide for improved electrical conductivity. *Textile Reseach Journal*, **2019**, 89, 1038-1050	1.7	12
105	Study on the bagging behavior of knitted fabrics by shape memory polyurethane fiber. *Journal of the Textile Institute*, **2013**, 104, 1230-1236	1.5	11
104	A Dual-Bonded Approach for Improving Hydrogel Implant Stability in Cartilage Defects. *Materials*, **2017**, 10,	3.5	11
103	. *IEEE Transactions on Multimedia*, **2020**, 22, 256-270	6.6	11
102	Practical Synthesis of both Enantiomeric Amino Acid, Mannich, and Aldol Derivatives by Asymmetric Organocatalysis. *Chemical Record*, **2017**, 17, 1059-1069	6.6	10
101	All-solid-state flexible supercapacitor of Carbonized MXene/Cotton fabric for wearable energy storage. *Applied Surface Science*, **2020**, 528, 146975	6.7	10
100	The effect of laser engraving on aluminum foil-laminated denim fabric. *Textile Reseach Journal*, **2016**, 86, 919-932	1.7	10
99	A Multifunctional Metallohydrogel with Injectability, Self-Healing, and Multistimulus-Responsiveness for Bioadhesives. *Macromolecular Materials and Engineering*, **2018**, 303, 1800305	3.9	10
98	Monte Carlo based analysis of confocal peak extraction uncertainty. *Measurement Science and Technology*, **2017**, 28, 105016	2	10
97	Highly Water-Dispersible, Highly Conductive, and Biocompatible Polypyrrole-Coated Silica Particles Stabilized and Doped by Chondroitin Sulfate. *Particle and Particle Systems Characterization*, **2015**, 32, 1068-1077	3.1	10
96	An amphiphilic conjugate approach toward the design and synthesis of betulinic acid-polyphenol conjugates as inhibitors of the HIV-1 gp41 fusion core formation. *ChemMedChem*, **2011**, 6, 1654-64	3.7	10

95	Making data analysis expertise broadly accessible through workflows **2011**,		10
94	Transfer Topic Modeling with Ease and Scalability **2012**,		10
93	Fully automatic Breast ultrasound image segmentation based on fuzzy cellular automata framework. *Biomedical Signal Processing and Control*, **2018**, 40, 433-442	4.9	10
92	The N-alkylation of sulfonamides with alcohols in water catalyzed by a water-soluble metal ligand bifunctional iridium complex [Cp*Ir(biimH2)(H2O)][OTf]2. *New Journal of Chemistry*, **2019**, 43, 10755-10762	2.6	9
91	Waterproof and breathable polyacrylonitrile/(polyurethane/fluorinated-silica) composite nanofiber membrane via side-by-side electrospinning. *Journal of Materials Research*, **2020**, 35, 1173-1181	2.5	9
90	Electrochemical analysis of conducting reduced graphene oxide/polyaniline/polyvinyl alcohol nanofibers as supercapacitor electrodes. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 5958-5965	2.1	9
89	Why Is Tetradentate Coordination Essential for Potential Copper Homeostasis Regulators in Alzheimer Disease?. *European Journal of Inorganic Chemistry*, **2019**, 2019, 4712-4718	2.3	9
88	Latent graphical models for quantifying and predicting patent quality **2011**,		9
87	Electrospun meta-aramid/polysulfone-amide nanocomposite membranes for the filtration of industrial PM particles. *Nanotechnology*, **2020**, 31, 055702	3.4	9
86	The potential of d6 non-noble metal NHC catalysts for carbon dioxide hydrogenation: group and row effects. *Catalysis Science and Technology*, **2020**, 10, 5443-5447	5.5	9
85	Ruthenium(II) complexes with N-heterocyclic carbene-phosphine ligands for the -alkylation of amines with alcohols. *Organic and Biomolecular Chemistry*, **2021**, 19, 3451-3461	3.9	9
84	A computational investigation of learning behaviors in MOOCs. *Computer Applications in Engineering Education*, **2017**, 25, 693-705	1.6	8
83	MvsGCN **2019**,		8
82	CoSTCo **2019**,		8
81	TDMQ20, a Specific Copper Chelator, Reduces Memory Impairments in Alzheimer Disease Mouse Models. *ACS Chemical Neuroscience*, **2021**, 12, 140-149	5.7	8
80	Partially Generative Neural Networks for Gang Crime Classification with Partial Information **2018**,		8
79	Fabrication and characterization of flexible electrochromic membrane based on polyaniline/reduced graphene oxide. *Journal of Materials Research*, **2019**, 34, 1302-1308	2.5	7
78	Parallel gibbs sampling for hierarchical dirichlet processes via gamma processes equivalence **2014**,		7

77	Deeply pipelined DSP solution to deblocking filter for H.264/AVC. *IEEE Transactions on Consumer Electronics*, **2006**, 52, 1267-1274	4.8	7
76	Covalent Bonding of an Electroconductive Hydrogel to Gold-Coated Titanium Surfaces via Thiol-ene Click Chemistry. *Macromolecular Materials and Engineering*, **2016**, 301, 1423-1429	3.9	7
75	Tungsten-Catalyzed Direct N-Alkylation of Anilines with Alcohols. *ChemSusChem*, **2021**, 14, 860-865	8.3	7
74	The Formation of C-C or C-N Bonds via the Copper-Catalyzed Coupling of Alkylsilyl Peroxides and Organosilicon Compounds: A Route to Perfluoroalkylation. *Organic Letters*, **2021**, 23, 1809-1813	6.2	7
73	Enhanced Hydride Donation Achieved Molybdenum Catalyzed Direct N-Alkylation of Anilines or Nitroarenes with Alcohols: From Computational Design to Experiment. *ACS Catalysis*, **2021**, 11, 10377-10382	13.1	7
72	Noise-Powered Disentangled Representation for Unsupervised Speckle Reduction of Optical Coherence Tomography Images. *IEEE Transactions on Medical Imaging*, **2021**, 40, 2600-2614	11.7	7
71	Preparation of Waterproof and Breathable Polyurethane Fiber Membrane Modified by Fluorosilane-modified Silica. *Fibers and Polymers*, **2020**, 21, 954-964	2	6
70	A promising solution to the limits of microscopes for smooth surfaces: fluorophore-aided scattering microscopy. *Nanoscale*, **2018**, 10, 9484-9488	7.7	6
69	Preparation and characterization of multilayered superfine fibrous mat with the function of directional water transport.. *RSC Advances*, **2019**, 9, 16754-16766	3.7	6
68	Motion vector refinement for frame rate up conversion on 3D video **2013**,		6
67	Is iron associated with amyloid involved in the oxidative stress of Alzheimer?s disease?. *Comptes Rendus Chimie*, **2017**, 20, 987-989	2.7	6
66	Ups and Downs in Buzzes: Life Cycle Modeling for Temporal Pattern Discovery **2014**,		6
65	Scalable and Credible Video Watermarking towards Scalable Video Coding. *Lecture Notes in Computer Science*, **2010**, 697-708	0.9	6
64	DBUS: Human Driving Behavior Understanding System **2019**,		6
63	Preparation, structure and electrochromic behavior of PANI/PVA composite electrospun nanofiber. *Textile Reseach Journal*, **2019**, 89, 2490-2499	1.7	6
62	The copper-catalyzed selective monoalkylation of active methylene compounds with alkylsilyl peroxides. *Organic and Biomolecular Chemistry*, **2021**, 19, 2658-2662	3.9	6
61	Not Enough Data? **2017**,		5
60	Social Media Anomaly Detection **2015**,		5

59	Rational design of FLP catalysts for reversible H2 activation: A DFT study of the geometric and electronic effects. *Chinese Chemical Letters*, **2018**, 29, 1226-1232	8.1	5
58	Fast structure learning in generalized stochastic processes with latent factors **2013**,		5
57	An effective non-rigid registration approach for ultrasound image based on "demons" algorithm. *Journal of Digital Imaging*, **2013**, 26, 521-9	5.3	5
56	Scalable Multivariate Time-Series Models for Climate Informatics. *Computing in Science and Engineering*, **2015**, 17, 19-26	1.5	5
55	Serendipitous learning **2011**,		5
54	NoiseRank: Unsupervised Label Noise Reduction with Dependence Models. *Lecture Notes in Computer Science*, **2020**, 737-753	0.9	5
53	Lifecycle Modeling for Buzz Temporal Pattern Discovery. *ACM Transactions on Knowledge Discovery From Data*, **2016**, 11, 1-24	4	5
52	The TDMQ Regulators of Copper Homeostasis Do Not Disturb the Activities of Cu,Zn-SOD, Tyrosinase, or the CoIII Cofactor Vitamin B12. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1384-1388	2.3	5
51	Enhanced thermal properties of graphene-based poly (vinyl chloride) composites. *Journal of Industrial Textiles*, **2019**, 48, 1348-1363	1.6	5
50	Abstractive Meeting Summarization via Hierarchical Adaptive Segmental Network Learning **2019**,		4
49	Fully multi-target segmentation for breast ultrasound image based on fully convolutional network. *Medical and Biological Engineering and Computing*, **2020**, 58, 2049-2061	3.1	4
48	Practical Synthesis of High-Performance Amino Tf-Amide Organocatalysts for Asymmetric Aldol Reactions. *Asian Journal of Organic Chemistry*, **2020**, 9, 206-209	3	4
47	The Impact of Nutrition Label Regulation on Firm Marketing Action and Performance in China. *Journal of Public Policy and Marketing*, **2018**, 37, 119-130	3.8	4
46	The Investigation about the Shape Memory Behavior of Wool. *Advances in Science and Technology*, **2008**, 60, 1-10	0.1	4
45	Recommendation-based Team Formation for On-demand Taxi-calling Platforms **2019**,		4
44	Vision-Based Semi-supervised Homecare with Spatial Constraint. *Lecture Notes in Computer Science*, **2008**, 416-425	0.9	4
43	A Robust Scalable Spatial Spread-Spectrum Video Watermarking Scheme Based on a Fast Downsampling Method. *Journal of Computers*, **2012**, 7,	1.4	4
42	G-Quadruplex DNA-binding quaternary alkaloids from Tylophora atrofolliculata. *RSC Advances*, **2016**, 6, 114135-114142	3.7	4

41	Decomposing word embedding with the capsule network. *Knowledge-Based Systems*, **2021**, 212, 106611	7.3	4
40	Ginsenoside Rh2 Inhibits Glycolysis through the STAT3/c-MYC Axis in Non-Small-Cell Lung Cancer. *Journal of Oncology*, **2021**, 2021, 9715154	4.5	4
39	Social Media Anomaly Detection **2017**,		3
38	Preparation and characterization of waterborne polyurethane nail enamel modified by silane coupling agent **2020**, 17, 1377-1387		3
37	Hypervalent Iodine-Mediated Diastereoselective ꞵAcetoxylation of Cyclic Ketones. *Frontiers in Chemistry*, **2020**, 8, 467	5	3
36	Electrospun natural cellulose/polyacrylonitrile nanofiber: simulation and experimental study. *Textile Reseach Journal*, **2019**, 89, 1748-1758	1.7	3
35	A Novel 3D CAD Model Retrieval Method Based on Vertices Classification and Weights Combination Optimization. *Mathematical Problems in Engineering*, **2017**, 2017, 1-12	1.1	3
34	Analysis of residential productꞵ value based on Structural Equation Model and Hedonic Price Theory **2009**,		3
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