Xin Yang

List of Publications by Year
in descending order

188	10,471	28274 55	39675 94
papers	citations	h-index	g-index

199	199	199	8660
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence and removal of pharmaceuticals and personal care products (PPCPs) in an advanced wastewater reclamation plant. Water Research, 2011, 45, 5218-5228.	11.3	450
2	Radical Chemistry and Structural Relationships of PPCP Degradation by UV/Chlorine Treatment in Simulated Drinking Water. Environmental Science & Technology, 2017, 51, 10431-10439.	10.0	449
3	Characterization of algal organic matter and formation of DBPs from chlor(am)ination. Water Research, 2010, 44, 5897-5906.	11.3	327
4	Joint Segment-Level and Pixel-Wise Losses for Deep Learning Based Retinal Vessel Segmentation. IEEE Transactions on Biomedical Engineering, 2018, 65, 1912-1923.	4.2	309
5	Rate Constants and Mechanisms of the Reactions of Cl^{â€¢} and Cl₂^{â€¢â€“} with Trace Organic Contaminants. Environmental Science & Technology, 2019, 53, 11170-11182.	10.0	277
6	Roles of reactive chlorine species in trimethoprim degradation in the UV/chlorine process: Kinetics and transformation pathways. Water Research, 2016, 104, 272-282.	11.3	267
7	Factors affecting the roles of reactive species in the degradation of micropollutants by the UV/chlorine process. Water Research, 2017, 126, 351-360.	11.3	263
8	Formation of carbonaceous and nitrogenous disinfection by-products from the chlorination of Microcystis aeruginosa. Water Research, 2010, 44, 1934-1940.	11.3	252
9	A Three-Stage Deep Learning Model for Accurate Retinal Vessel Segmentation. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1427-1436.	6.3	244
10	Factors affecting formation of haloacetonitriles, haloketones, chloropicrin and cyanogen halides during chloramination. Water Research, 2007, 41, 1193-1200.	11.3	229
11	PPCP degradation by UV/chlorine treatment and its impact on DBP formation potential in real waters. Water Research, 2016, 98, 309-318.	11.3	186
12	Identifying the sources and fate of anthropogenically impacted dissolved organic matter (DOM) in urbanized rivers. Water Research, 2013, 47, 5027-5039.	11.3	165
13	The Multiple Role of Bromide Ion in PPCPs Degradation under UV/Chlorine Treatment. Environmental Science & Technology, 2018, 52, 1806-1816.	10.0	157
14	A Novel MicroRNA-124/PTPN1 Signal Pathway Mediates Synaptic and Memory Deficits in Alzheimerâ€™s Disease. Biological Psychiatry, 2018, 83, 395-405.	1.3	153
15	Nitrogenous disinfection byproducts formation and nitrogen origin exploration during chloramination of nitrogenous organic compounds. Water Research, 2010, 44, 2691-2702.	11.3	148
16	Heterotypic CAF-tumor spheroids promote early peritoneal metastasis of ovarian cancer. Journal of Experimental Medicine, 2019, 216, 688-703.	8.5	145
17	Precursors and nitrogen origins of trichloronitromethane and dichloroacetonitrile during chlorination/chloramination. Chemosphere, 2012, 88, 25-32.	8.2	144
18	Correlations between organic matter properties and DBP formation during chloramination. Water Research, 2008, 42, 2329-2339.	11.3	132

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19	UV/chlorine treatment of carbamazepine: Transformation products and their formation kinetics. Water Research, 2017, 116, 254-265.	11.3	125
20	Reactivity of Chlorine Radicals (Cl^{â€¢} and Cl₂^{â€¢â€“}) with Dissolved Organic Matter and the Formation of Chlorinated Byproducts. Environmental Science & Technology, 2021, 55, 689-699.	10.0	124
21	Automated diagnosis of prostate cancer in multi-parametric MRI based on multimodal convolutional neural networks. Physics in Medicine and Biology, 2017, 62, 6497-6514.	3.0	122
22	Formation of disinfection byproducts upon chlorine dioxide preoxidation followed by chlorination or chloramination of natural organic matter. Chemosphere, 2013, 91, 1477-1485.	8.2	120
23	Natural polyphenols enhanced the Cu(II)/peroxymonosulfate (PMS) oxidation: The contribution of Cu(III) and HOâ€¢. Water Research, 2020, 186, 116326.	11.3	117
24	Co-trained convolutional neural networks for automated detection of prostate cancer in multi-parametric MRI. Medical Image Analysis, 2017, 42, 212-227.	11.6	115
25	Chlorination Byproduct Formation in the Presence of Humic Acid, Model Nitrogenous Organic Compounds, Ammonia, and Bromide. Environmental Science & Technology, 2004, 38, 4995-5001.	10.0	113
26	Photosensitized degradation of acetaminophen in natural organic matter solutions: The role of triplet states and oxygen. Water Research, 2017, 109, 266-273.	11.3	112
27	DBP formation in breakpoint chlorination of wastewater. Water Research, 2005, 39, 4755-4767.	11.3	110
28	Surface-modified biochar in a bioretention system for Escherichia coli removal from stormwater. Chemosphere, 2017, 169, 89-98.	8.2	107
29	THM, HAA and CNCl formation from UV irradiation and chlor(am)ination of selected organic waters. Water Research, 2006, 40, 2033-2043.	11.3	105
30	Automated Detection of Clinically Significant Prostate Cancer in mp-MRI Images Based on an End-to-End Deep Neural Network. IEEE Transactions on Medical Imaging, 2018, 37, 1127-1139.	8.9	105
31	Formation of disinfection byproducts from chlor(am)ination of algal organic matter. Journal of Hazardous Materials, 2011, 197, 378-388.	12.4	100
32	Investigation of disinfection byproducts formation in ferrate(VI) pre-oxidation of NOM and its model compounds followed by chlorination. Journal of Hazardous Materials, 2015, 292, 197-204.	12.4	97
33	Selective dissolution followed by EDDS washing of an e-waste contaminated soil: Extraction efficiency, fate of residual metals, and impact on soil environment. Chemosphere, 2017, 166, 489-496.	8.2	94
34	Formation of disinfection by-products after pre-oxidation with chlorine dioxide or ferrate. Water Research, 2013, 47, 5856-5864.	11.3	90
35	Occurrence and indicators of pharmaceuticals in Chinese streams: A nationwide study. Environmental Pollution, 2018, 236, 889-898.	7.5	90
36	The photodegradation of polybrominated diphenyl ethers (PBDEs) in various environmental matrices: Kinetics and mechanisms. Chemical Engineering Journal, 2016, 297, 74-96.	12.7	88

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37	Occurrence and fate of PPCPs and correlations with water quality parameters in urban riverine waters of the Pearl River Delta, South China. Environmental Science and Pollution Research, 2013, 20, 5864-5875.	5.3	87
38	Ciprofloxacin adsorption on graphene and granular activated carbon: kinetics, isotherms, and effects of solution chemistry. Environmental Technology (United Kingdom), 2015, 36, 3094-3102.	2.2	84
39	Intelligent bearing fault diagnosis using PCAâ€“DBN framework. Neural Computing and Applications, 2020, 32, 10773-10781.	5.6	82
40	The roles of halides in the acetaminophen degradation by UV/H2O2 treatment: Kinetics, mechanisms, and products analysis. Chemical Engineering Journal, 2015, 271, 214-222.	12.7	80
41	Formation of halogenated organic byproducts during medium-pressure UV and chlorine coexposure of model compounds, NOM and bromide. Water Research, 2011, 45, 6545-6554.	11.3	76
42	Discovering the Importance of ClO^{â€¢} in a Coupled Electrochemical System for the Simultaneous Removal of Carbon and Nitrogen from Secondary Coking Wastewater Effluent. Environmental Science & Technology, 2020, 54, 9015-9024.	10.0	76
43	Impact of metal ions, metal oxides, and nanoparticles on the formation of disinfection byproducts during chlorination. Chemical Engineering Journal, 2017, 317, 777-792.	12.7	75
44	The occurrence of disinfection by-products in municipal drinking water in China's Pearl River Delta and a multipathway cancer risk assessment. Science of the Total Environment, 2013, 447, 108-115.	8.0	72
45	A Novel Mechanism of Spine Damages in Stroke via DAPK1 and Tau. Cerebral Cortex, 2015, 25, 4559-4571.	2.9	70
46	Disinfection byproducts and their toxicity in wastewater effluents treated by the mixing oxidant of ClO2/Cl2. Water Research, 2019, 162, 471-481.	11.3	70
47	Metformin Suppresses Tumor Progression by Inactivating Stromal Fibroblasts in Ovarian Cancer. Molecular Cancer Therapeutics, 2018, 17, 1291-1302.	4.1	67
48	Integrating EDDS-enhanced washing with low-cost stabilization of metal-contaminated soil from an e-waste recycling site. Chemosphere, 2016, 159, 426-432.	8.2	65
49	Gallic acid accelerated BDE47 degradation in PMS/Fe(III) system: Oxidation intermediates autocatalyzed redox cycling of iron. Chemical Engineering Journal, 2020, 384, 123248.	12.7	64
50	Comparison of colorimetric and membrane introduction mass spectrometry techniques for chloramine analysis. Water Research, 2007, 41, 3097-3102.	11.3	62
51	Chlorite formation during ClO2 oxidation of model compounds having various functional groups and humic substances. Water Research, 2019, 159, 348-357.	11.3	62
52	Occurrence of nitrogenous and carbonaceous disinfection byproducts in drinking water distributed in Shenzhen, China. Chemosphere, 2017, 188, 257-264.	8.2	60
53	DoFE: Domain-Oriented Feature Embedding for Generalizable Fundus Image Segmentation on Unseen Datasets. IEEE Transactions on Medical Imaging, 2020, 39, 4237-4248.	8.9	59
54	Variation-Aware Federated Learning With Multi-Source Decentralized Medical Image Data. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2615-2628.	6.3	59

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55	Effects of ozone and ozone/peroxide pretreatments on disinfection byproduct formation during subsequent chlorination and chloramination. Journal of Hazardous Materials, 2012, 239-240, 348-354.	12.4	57
56	Degradation of 2,2â€²,4,4â€²-tetrabromodiphenyl ether (BDE-47) by a nano zerovalent iron-activated persulfate process: The effect of metal ions. Chemical Engineering Journal, 2017, 317, 613-622.	12.7	57
57	Sorption performance and mechanism of a sludge-derived char as porous carbon-based hybrid adsorbent for benzene derivatives in aqueous solution. Journal of Hazardous Materials, 2014, 274, 205-211.	12.4	56
58	Synergistic removal of ammonium by monochloramine photolysis. Water Research, 2019, 152, 226-233.	11.3	56
59	Photochemical oxidation of PPCPs using a combination of solar irradiation and free available chlorine. Science of the Total Environment, 2019, 682, 629-638.	8.0	52
60	Roles and Knowledge Gaps of Point-of-Use Technologies for Mitigating Health Risks from Disinfection Byproducts in Tap Water: A Critical Review. Water Research, 2021, 200, 117265.	11.3	51
61	Rate Constants and Mechanisms for Reactions of Bromine Radicals with Trace Organic Contaminants. Environmental Science & Technology, 2021, 55, 10502-10513.	10.0	51
62	The influence of the UV/chlorine advanced oxidation of natural organic matter for micropollutant degradation on the formation of DBPs and toxicity during post-chlorination. Chemical Engineering Journal, 2019, 373, 870-879.	12.7	50
63	The reactions of chlorine dioxide with inorganic and organic compounds in water treatment: kinetics and mechanisms. Environmental Science: Water Research and Technology, 2020, 6, 2287-2312.	2.4	50
64	Enhanced removal of Cr(VI) in the Fe(III)/natural polyphenols system: role of the in situ generated Fe(II). Journal of Hazardous Materials, 2019, 377, 321-329.	12.4	49
65	Reprogramming of stromal fibroblasts by SNAI2 contributes to tumor desmoplasia and ovarian cancer progression. Molecular Cancer, 2017, 16, 163.	19.2	47
66	Oxidation of tetrabromobisphenol A (TBBPA) by peroxymonosulfate: The role of in-situ formed HOBr. Water Research, 2020, 169, 115202.	11.3	47
67	Effects of UV irradiation and UV/chlorine co-exposure on natural organic matter in water. Science of the Total Environment, 2012, 414, 576-584.	8.0	45
68	Removal of chlorinated organic solvents from hydraulic fracturing wastewater by bare and entrapped nanoscale zero-valent iron. Chemosphere, 2018, 196, 9-17.	8.2	45
69	Expression of BC1 Impairs Spatial Learning and Memory in Alzheimerâ€™s Disease Via APP Translation. Molecular Neurobiology, 2018, 55, 6007-6020.	4.0	43
70	ACT: An Autonomous Drone Cinematography System for Action Scenes. , 2018, , .		43
71	Nitrogen Origins and the Role of Ozonation in the Formation of Haloacetonitriles and Halonitromethanes in Chlorine Water Treatment. Environmental Science & Technology, 2012, 46, 12832-12838.	10.0	41
72	A Novel UVA/ClO₂ Advanced Oxidation Process for the Degradation of Micropollutants in Water. Environmental Science & Technology, 2022, 56, 1257-1266.	10.0	40

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73	Removal of natural organic matter using surfactant-modified iron oxide-coated sand. Journal of Hazardous Materials, 2010, 174, 567-572.	12.4	39
74	Elimination kinetics and detoxification mechanisms of microcystin-LR during UV/Chlorine process. Chemosphere, 2019, 214, 702-709.	8.2	39
75	Fast Depth Prediction and Obstacle Avoidance on a Monocular Drone Using Probabilistic Convolutional Neural Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 156-167.	8.0	39
76	A Skeletal Similarity Metric for Quality Evaluation of Retinal Vessel Segmentation. IEEE Transactions on Medical Imaging, 2018, 37, 1045-1057.	8.9	38
77	ClO2 pre-oxidation changes the yields and formation pathways of chloroform and chloral hydrate from phenolic precursors during chlorination. Water Research, 2019, 148, 250-260.	11.3	38
78	Quantification of aqueous cyanogen chloride and cyanogen bromide in environmental samples by MIMS. Water Research, 2005, 39, 1709-1718.	11.3	37
79	Therapeutic Intervention of Learning and Memory Decays by Salidroside Stimulation of Neurogenesis in Aging. Molecular Neurobiology, 2016, 53, 851-866.	4.0	36
80	Copper Inhibition of Triplet-Induced Reactions Involving Natural Organic Matter. Environmental Science & Technology, 2018, 52, 2742-2750.	10.0	36
81	Real-Time Dense Monocular SLAM With Online Adapted Depth Prediction Network. IEEE Transactions on Multimedia, 2019, 21, 470-483.	7.2	36
82	Combining solar irradiation with chlorination enhances the photochemical decomposition of microcystin-LR. Water Research, 2019, 159, 324-332.	11.3	36
83	Three-dimensional Î±-Fe2O3/amino-functionalization carbon nanotube sponge for adsorption and oxidative removal of tetrabromobisphenol A. Separation and Purification Technology, 2019, 211, 359-367.	7.9	36
84	Bi-Modality Medical Image Synthesis Using Semi-Supervised Sequential Generative Adversarial Networks. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 855-865.	6.3	36
85	The multiple roles of chlorite on the concentrations of radicals and ozone and formation of chlorate during UV photolysis of free chlorine. Water Research, 2021, 190, 116680.	11.3	36
86	Î²-Amyloid triggers aberrant over-scaling of homeostatic synaptic plasticity. Acta Neuropathologica Communications, 2016, 4, 131.	5.2	35
87	Differential UVâ€“vis absorbance can characterize the reaction of organic matter with ClO2. Water Research, 2018, 139, 442-449.	11.3	35
88	Betulinic Acid Induces ROS-Dependent Apoptosis and S-Phase Arrest by Inhibiting the NF-Î°B Pathway in Human Multiple Myeloma. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	35
89	Prediction of adsorption capacity for pharmaceuticals, personal care products and endocrine disrupting chemicals onto various adsorbent materials. Chemosphere, 2020, 238, 124658.	8.2	35
90	Redox-Active Moieties in Dissolved Organic Matter Accelerate the Degradation of Nitroimidazoles in SO₄^{â€¢â€“}-Based Oxidation. Environmental Science & Technology, 2021, 55, 14844-14853.	10.0	35

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91	Intervention of Death-Associated Protein Kinase 1â€“p53 Interaction Exerts the Therapeutic Effects Against Stroke. Stroke, 2014, 45, 3089-3091.	2.0	34
92	Metformin Ameliorates Synaptic Defects in a Mouse Model of AD by Inhibiting Cdk5 Activity. Frontiers in Cellular Neuroscience, 2020, 14, 170.	3.7	34
93	Effect of UV/chlorine treatment on photophysical and photochemical properties of dissolved organic matter. Water Research, 2021, 192, 116857.	11.3	34
94	Effect of pH on the formation of disinfection byproducts in ferrate(VI) pre-oxidation and subsequent chlorination. Separation and Purification Technology, 2015, 156, 980-986.	7.9	33
95	DBP formation from degradation of DEET and ibuprofen by UV/chlorine process and subsequent post-chlorination. Journal of Environmental Sciences, 2017, 58, 146-154.	6.1	33
96	Degradation and DBP formations from pyrimidines and purines bases during sequential or simultaneous use of UV and chlorine. Water Research, 2019, 165, 115023.	11.3	32
97	Bayesian DeNet: Monocular Depth Prediction and Frame-Wise Fusion With Synchronized Uncertainty. IEEE Transactions on Multimedia, 2019, 21, 2701-2713.	7.2	32
98	MARCKS contributes to stromal cancer-associated fibroblast activation and facilitates ovarian cancer metastasis. Oncotarget, 2016, 7, 37649-37663.	1.8	30
99	Kinetics and Mechanisms of Virus Inactivation by Chlorine Dioxide in Water Treatment: A Review. Bulletin of Environmental Contamination and Toxicology, 2021, 106, 560-567.	2.7	30
100	Electrospray Ionization-Tandem Mass Spectrometry Method for Differentiating Chlorine Substitution in Disinfection Byproduct Formation. Environmental Science & Technology, 2014, 48, 4877-4884.	10.0	29
101	Enabling a Single Deep Learning Model for Accurate Gland Instance Segmentation: A Shape-Aware Adversarial Learning Framework. IEEE Transactions on Medical Imaging, 2020, 39, 2176-2189.	8.9	29
102	Role of Chlorine Dioxide in N-Nitrosodimethylamine Formation from Oxidation of Model Amines. Environmental Science & Technology, 2015, 49, 11429-11437.	10.0	28
103	Coexposure Degradation of Purine Derivatives in the Sulfate Radical-Mediated Oxidation Process. Environmental Science & Technology, 2020, 54, 1186-1195.	10.0	26
104	Mechanisms and kinetics study on the trihalomethanes formation with carbon nanoparticle precursors. Chemosphere, 2016, 154, 391-397.	8.2	25
105	A Deep Model with Shape-Preserving Loss for Gland Instance Segmentation. Lecture Notes in Computer Science, 2018, , 138-146.	1.3	25
106	TAGLN mediated stiffness-regulated ovarian cancer progression via RhoA/ROCK pathway. Journal of Experimental and Clinical Cancer Research, 2021, 40, 292.	8.6	25
107	Learning to Capture a Film-Look Video with a Camera Drone. , 2019, , .		24
108	Reactive obstacle avoidance of monocular quadrotors with online adapted depth prediction network. Neurocomputing, 2019, 325, 142-158.	5.9	24

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109	Sorption, mobility, and bioavailability of PBDEs in the agricultural soils: Roles of co-existing metals, dissolved organic matter, and fertilizers. Science of the Total Environment, 2018, 619-620, 1153-1162.	8.0	23
110	Extended adaptive event-triggered formation tracking control of a class of multi-agent systems with time-varying delay. Neurocomputing, 2018, 316, 386-398.	5.9	23
111	Effects of KMnO4/NaHSO3 pre-oxidation on the formation potential of disinfection by-products during subsequent chlorination. Chemical Engineering Journal, 2019, 372, 825-835.	12.7	22
112	CAR T Cell Therapy for Hematological Malignancies. Current Medical Science, 2019, 39, 874-882.	1.8	22
113	Copper Inhibition of Triplet-Sensitized Phototransformation of Phenolic and Amine Contaminants. Environmental Science & Technology, 2020, 54, 9980-9989.	10.0	22
114	Radiation Oncologistsâ€™ Perceptions of Adopting an Artificial Intelligenceâ€“Assisted Contouring Technology: Model Development and Questionnaire Study. Journal of Medical Internet Research, 2021, 23, e27122.	4.3	22
115	Targeting Leptin as a Therapeutic Strategy against Ovarian Cancer Peritoneal Metastasis. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1093-1101.	1.7	22
116	Application of Pretreatment Methods for Reliable Dissolved Organic Nitrogen Analysis in Waterâ€”A Review. Critical Reviews in Environmental Science and Technology, 2015, 45, 249-276.	12.8	20
117	Emerging investigators series: disinfection by-products in mixed chlorine dioxide and chlorine water treatment. Environmental Science: Water Research and Technology, 2016, 2, 838-847.	2.4	20
118	Through-the-Lens Drone Filming. , 2018, , .		20
119	Targeting INHBA in Ovarian Cancer Cells Suppresses Cancer Xenograft Growth by Attenuating Stromal Fibroblast Activation. Disease Markers, 2019, 2019, 1-13.	1.3	20
120	Multi-Task Siamese Network for Retinal Artery/Vein Separation via Deep Convolution Along Vessel. IEEE Transactions on Medical Imaging, 2020, 39, 2904-2919.	8.9	20
121	Targeting YAP suppresses ovarian cancer progression through regulation of the PI3K/Akt/mTOR pathway. Oncology Reports, 2019, 42, 2768-2776.	2.6	20
122	Cu(II)-catalyzed degradation of ampicillin: effect of pH and dissolved oxygen. Environmental Science and Pollution Research, 2018, 25, 4279-4288.	5.3	19
123	Semi-supervised mp-MRI data synthesis with StitchLayer and auxiliary distance maximization. Medical Image Analysis, 2020, 59, 101565.	11.6	19
124	Role of Antioxidant Moieties in the Quenching of a Purine Radical by Dissolved Organic Matter. Environmental Science & Technology, 2022, 56, 546-555.	10.0	19
125	Pinning Cluster Synchronization for Delayed Dynamical Networks via Kronecker Product. Circuits, Systems, and Signal Processing, 2013, 32, 1907-1929.	2.0	18
126	Characteristics and DBP formation of dissolved organic matter from leachates of fresh and aged leaf litter. Chemosphere, 2016, 152, 335-344.	8.2	18

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127	Effect of Suspended Solids on the Sequential Disinfection of Secondary Effluent by UV Irradiation and Chlorination. Journal of Environmental Engineering, ASCE, 2013, 139, 1482-1487.	1.4	17
128	An automated method for accurate vessel segmentation. Physics in Medicine and Biology, 2017, 62, 3757-3778.	3.0	17
129	Different biotransformation of three hexabromocyclododecane diastereoisomers by Pseudomonas sp. under aerobic conditions. Chemical Engineering Journal, 2019, 374, 870-879.	12.7	17
130	Mechanical cues modulate cellular uptake of nanoparticles in cancer via clathrin-mediated and caveolae-mediated endocytosis pathways. Nanomedicine, 2019, 14, 613-626.	3.3	17
131	Convolutionalâ€capsule network for gastrointestinal endoscopy image classification. International Journal of Intelligent Systems, 2022, 37, 5796-5815.	5.7	17
132	UV254 irradiation of N-chloro-Î±-amino acids: Kinetics, mechanisms, and N-DBP formation potentials. Water Research, 2021, 199, 117204.	11.3	16
133	Multiline treatment of advanced squamous cell carcinoma of the lung: A case report and review of the literature. World Journal of Clinical Cases, 2019, 7, 1899-1907.	0.8	15
134	Dicer reprograms stromal fibroblasts to a pro-inflammatory and tumor-promoting phenotype in ovarian cancer. Cancer Letters, 2018, 415, 20-29.	7.2	14
135	DCU-net: a deformable convolutional neural network based on cascade U-net for retinal vessel segmentation. Multimedia Tools and Applications, 2022, 81, 15593-15607.	3.9	14
136	Influence of (photo)bromination on the transformation, aggregation and sedimentation of graphene oxide. Chemical Engineering Journal, 2019, 355, 487-497.	12.7	13
137	ClO2 pre-oxidation impacts the formation and nitrogen origins of dichloroacetonitrile and dichloroacetamide during subsequent chloramination. Water Research, 2020, 186, 116313.	11.3	13
138	Robust and Efficient RGB-D SLAM in Dynamic Environments. IEEE Transactions on Multimedia, 2021, 23, 4208-4219.	7.2	13
139	40â€ŠHz Light Flicker Promotes Learning and Memory via Long Term Depression in Wild-Type Mice. Journal of Alzheimer's Disease, 2021, 84, 983-993.	2.6	13
140	Ferroptosis-related long non-coding RNA signature predicts the prognosis of hepatocellular carcinoma. Aging, 2022, 14, 4069-4084.	3.1	13
141	Kinetics of cyanogen chloride destruction by chemical reduction methods. Water Research, 2005, 39, 2114-2124.	11.3	12
142	Robust and real-time pose tracking for augmented reality on mobile devices. Multimedia Tools and Applications, 2018, 77, 6607-6628.	3.9	12
143	Transformation of adenine and cytosine in chlorination â€" An ESI-tqMS investigation. Chemosphere, 2019, 234, 505-512.	8.2	12
144	An image super-resolution deep learning network based on multi-level feature extraction module. Multimedia Tools and Applications, 2021, 80, 7063-7075.	3.9	12

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145	Factors affecting the formation of iodo-trihalomethanes during oxidation with chlorine dioxide. Journal of Hazardous Materials, 2014, 264, 91-97.	12.4	11
146	A new TLD target tracking method based on improved correlation filter and adaptive scale. Visual Computer, 2020, 36, 1783-1795.	3.5	11
147	Combating Uncertainty with Novel Losses for Automatic Left Atrium Segmentation. Lecture Notes in Computer Science, 2019, , 246-254.	1.3	11
148	Image super-resolution reconstruction based on improved Dirac residual network. Multidimensional Systems and Signal Processing, 2021, 32, 1065-1082.	2.6	10
149	PARP inhibitors promote stromal fibroblast activation by enhancing CCL5 autocrine signaling in ovarian cancer. Npj Precision Oncology, 2021, 5, 49.	5.4	10
150	Prediction of Photolysis Kinetics of Viral Genomes under UV254 Irradiation to Estimate Virus Infectivity Loss. Water Research, 2021, 198, 117165.	11.3	10
151	Cell Localization and Counting Using Direction Field Map. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 359-368.	6.3	10
152	An image super-resolution network based on multi-scale convolution fusion. Visual Computer, 2022, 38, 4307-4317.	3.5	10
153	Upregulation of CD22 by Chidamide promotes CAR T cells functionality. Scientific Reports, 2021, 11, 20637.	3.3	10
154	Defining the molecular properties of N-nitrosodimethylamine (NDMA) precursors using computational chemistry. Environmental Science: Water Research and Technology, 2017, 3, 502-512.	2.4	9
155	Real-Time Semantic Plane Reconstruction on a Monocular Drone Using Sparse Fusion. IEEE Transactions on Vehicular Technology, 2019, 68, 7383-7391.	6.3	9
156	3D-CNN-SPP: A Patient Risk Prediction System From Electronic Health Records via 3D CNN and Spatial Pyramid Pooling. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 247-261.	4.9	9
157	Accurate face alignment and adaptive patch selection for heart rate estimation from videos under realistic scenarios. PLoS ONE, 2018, 13, e0197275.	2.5	8
158	Visual-Inertial State Estimation with Pre-integration Correction for Robust Mobile Augmented Reality. , 2019, , .		8
159	DENAO: Monocular Depth Estimation Network with Auxiliary Optical Flow. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 43, 1-1.	13.9	8
160	Monocular Camera Based Real-Time Dense Mapping Using Generative Adversarial Network. , 2018, , .		7
161	Exploration of reaction rates of chlorine dioxide with tryptophan residue in oligopeptides and proteins. Journal of Environmental Sciences, 2020, 93, 129-136.	6.1	7
162	Joint Landmark and Structure Learning for Automatic Evaluation of Developmental Dysplasia of the Hip. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 345-358.	6.3	7

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163	miR-124 Alleviates Ischemic Stroke-Induced Neuronal Death by Targeting DAPK1 in Mice. Frontiers in Neuroscience, 2021, 15, 649982.	2.8	7
164	Retinal vessel segmentation based on an improved deep forest. International Journal of Imaging Systems and Technology, 2021, 31, 1792-1802.	4.1	7
165	NasmamSR: a fast image super-resolution network based on neural architecture search and multiple attention mechanism. Multimedia Systems, 2022, 28, 321-334.	4.7	7
166	Lightweight image super-resolution with feature cheap convolution and attention mechanism. Cluster Computing, 2022, 25, 3977-3992.	5.0	7
167	Real-time Monocular Dense Mapping for Augmented Reality. , 2017, , .		6
168	An improved anchor neighborhood regression SR method based on low-rank constraint. Visual Computer, 2022, 38, 405-418.	3.5	6
169	Remote sensing image superâ€resolution based on convolutional blind denoising adaptive dense connection. IET Image Processing, 2021, 15, 2508-2520.	2.5	5
170	Effluent Particle Size and Permeability of Polyvinylchloride Membranes after Sodium Hypochlorite Exposure. Journal of Environmental Engineering, ASCE, 2013, 139, 712-718.	1.4	4
171	Accurate and efficient pulse measurement from facial videos on smartphones. , 2016, , .		4
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