

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.

825
papers

24,708
citations

73
h-index

123
g-index

868
ext. papers

29,995
ext. citations

5.2
avg, IF

7.61
L-index

#	Paper	IF	Citations
825	A genomic view of the human-Bacteroides thetaiotaomicron symbiosis. <i>Science</i> , 2003 , 299, 2074-6	33.3	1005
824	Glycan foraging in vivo by an intestine-adapted bacterial symbiont. <i>Science</i> , 2005 , 307, 1955-9	33.3	803
823	Honor thy symbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10452-9	11.5	687
822	Identification of genes subject to positive selection in uropathogenic strains of Escherichia coli: a comparative genomics approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5977-82	11.5	430
821	Evolution of symbiotic bacteria in the distal human intestine. <i>PLoS Biology</i> , 2007 , 5, e156	9.7	401
820	Occurrence of antibiotics and antibiotic resistance genes in a sewage treatment plant and its effluent-receiving river. <i>Chemosphere</i> , 2015 , 119, 1379-1385	8.4	392
819	Autotrophic growth of nitrifying community in an agricultural soil. <i>ISME Journal</i> , 2011 , 5, 1226-36	11.9	276
818	Degradation and adsorption of selected pharmaceuticals and personal care products (PPCPs) in agricultural soils. <i>Chemosphere</i> , 2009 , 77, 1299-305	8.4	260
817	Photocatalytic degradation of tetrabromobisphenol A by mesoporous BiOBr: Efficacy, products and pathway. <i>Applied Catalysis B: Environmental</i> , 2011 , 107, 355-362	21.8	251
816	Persistent luminescence instead of phosphorescence: History, mechanism, and perspective. <i>Journal of Luminescence</i> , 2019 , 205, 581-620	3.8	249
815	Saliva microbiomes distinguish caries-active from healthy human populations. <i>ISME Journal</i> , 2012 , 6, 1-10	11.9	245
814	Choreography of Transcriptomes and Lipidomes of Nannochloropsis Reveals the Mechanisms of Oil Synthesis in Microalgae. <i>Plant Cell</i> , 2014 , 26, 1645-1665	11.6	243
813	A chiral lanthanide metal-organic framework for selective sensing of Fe(III) ions. <i>Dalton Transactions</i> , 2016 , 45, 1040-6	4.3	233
812	The complete genome sequence of a chronic atrophic gastritis Helicobacter pylori strain: evolution during disease progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 9999-10004	11.5	204
811	Potential source contributions and risk assessment of PAHs in sediments from Taihu Lake, China: comparison of three receptor models. <i>Water Research</i> , 2012 , 46, 3065-73	12.5	202
810	Phytohormones in microalgae: a new opportunity for microalgal biotechnology?. <i>Trends in Plant Science</i> , 2015 , 20, 273-282	13.1	183
809	Novel features of the polysaccharide-digesting gliding bacterium Flavobacterium johnsoniae as revealed by genome sequence analysis. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 6864-75	4.8	177

808	Nannochloropsis genomes reveal evolution of microalgal oleaginous traits. <i>PLoS Genetics</i> , 2014 , 10, e1004094	173
807	Genome editing of model oleaginous microalgae <i>Nannochloropsis</i> spp. by CRISPR/Cas9. <i>Plant Journal</i> , 2016 , 88, 1071-1081	6.9 170
806	Distribution, sources and composition of antibiotics in sediment, overlying water and pore water from Taihu Lake, China. <i>Science of the Total Environment</i> , 2014 , 497-498, 267-273	10.2 161
805	Occurrence and distribution of antibiotics, antibiotic resistance genes in the urban rivers in Beijing, China. <i>Environmental Pollution</i> , 2016 , 213, 833-840	9.3 156
804	Single cell Raman spectroscopy for cell sorting and imaging. <i>Current Opinion in Biotechnology</i> , 2012 , 23, 56-63	11.4 154
803	Thermal management for high power lithium-ion battery by minichannel aluminum tubes. <i>Applied Thermal Engineering</i> , 2016 , 101, 284-292	5.8 150
802	Impact of long-term reclaimed wastewater irrigation on agricultural soils: a preliminary assessment. <i>Journal of Hazardous Materials</i> , 2010 , 183, 780-6	12.8 146
801	Molecular mechanisms for photosynthetic carbon partitioning into storage neutral lipids in <i>Nannochloropsis oceanica</i> under nitrogen-depletion conditions. <i>Algal Research</i> , 2015 , 7, 66-77	5 145
800	A Rigid Nested Metal-Organic Framework Featuring a Thermoresponsive Gating Effect Dominated by Counterions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15027-15030	16.4 143
799	Intestinal Microbiota Distinguish Gout Patients from Healthy Humans. <i>Scientific Reports</i> , 2016 , 6, 20602	4.9 142
798	Femtosecond laser 3D micromachining: a powerful tool for the fabrication of microfluidic, optofluidic, and electrofluidic devices based on glass. <i>Lab on A Chip</i> , 2014 , 14, 3447-58	7.2 140
797	Distribution and ecological risk of antibiotics in a typical effluent-receiving river (Wangyang River) in north China. <i>Chemosphere</i> , 2014 , 112, 267-74	8.4 132
796	Simultaneous determination of pharmaceuticals, endocrine disrupting compounds and hormone in soils by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1202, 189-95	4.5 124
795	Prediction of Early Childhood Caries via Spatial-Temporal Variations of Oral Microbiota. <i>Cell Host and Microbe</i> , 2015 , 18, 296-306	23.4 123
794	Polycyclic aromatic hydrocarbons in the surface sediments from Yellow River, China. <i>Chemosphere</i> , 2007 , 67, 1408-14	8.4 118
793	Assessing the photocatalytic transformation of norfloxacin by BiOBr/iron oxides hybrid photocatalyst: Kinetics, intermediates, and influencing factors. <i>Applied Catalysis B: Environmental</i> , 2017 , 205, 68-77	21.8 116
792	Photocatalytic removal of tetrabromobisphenol A by magnetically separable flower-like BiOBr/BiOI/FeO hybrid nanocomposites under visible-light irradiation. <i>Journal of Hazardous Materials</i> , 2017 , 331, 1-12	12.8 115
791	Simultaneous saccharification and fermentation of steam exploded wheat straw pretreated with alkaline peroxide. <i>Process Biochemistry</i> , 2008 , 43, 1462-1466	4.8 114

- 790 Vibration isolation via a scissor-like structured platform. *Journal of Sound and Vibration*, **2014**, 333, 2404-2420 109
- 789 Photocatalytic degradation of carbamazepine by tailored BiPO₄: efficiency, intermediates and pathway. *Applied Catalysis B: Environmental*, **2013**, 130-131, 285-292 21.8 107
- 788 Hybrid femtosecond laser microfabrication to achieve true 3D glass/polymer composite biochips with multiscale features and high performance: the concept of ship-in-a-bottle biochip. *Laser and Photonics Reviews*, **2014**, 8, 458-467 8.3 107
- 787 Raman-activated cell sorting based on dielectrophoretic single-cell trap and release. *Analytical Chemistry*, **2015**, 87, 2282-9 7.8 106
- 786 Feed-additive probiotics accelerate yet antibiotics delay intestinal microbiota maturation in broiler chicken. *Microbiome*, **2017**, 5, 91 16.6 104
- 785 Changes in the thermocline structure of the Indonesian outflow during Terminations I and II. *Earth and Planetary Science Letters*, **2008**, 273, 152-162 5.3 103
- 784 A novel 3D hollow magnetic Fe₃O₄/BiOI heterojunction with enhanced photocatalytic performance for bisphenol A degradation. *Chemical Engineering Journal*, **2017**, 307, 1055-1065 14.7 102
- 783 HO and/or TiO photocatalysis under UV irradiation for the removal of antibiotic resistant bacteria and their antibiotic resistance genes. *Journal of Hazardous Materials*, **2017**, 323, 710-718 12.8 101
- 782 An integrated functional genomics and metabolomics approach for defining poor prognosis in human neuroendocrine cancers. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 9901-6 11.5 96
- 781 Microporous Luminescent Metal-Organic Framework for a Sensitive and Selective Fluorescence Sensing of Toxic Mycotoxin in Moldy Sugarcane. *ACS Applied Materials & Interfaces*, **2018**, 10, 5618-5625 9.5 94
- 780 A Niccolite Structural Multiferroic Metal-Organic Framework Possessing Four Different Types of Bistability in Response to Dielectric and Magnetic Modulation. *Advanced Materials*, **2017**, 29, 1606966 24 90
- 779 Bioaccumulation and trophic transfer of perfluorinated compounds in a eutrophic freshwater food web. *Environmental Pollution*, **2014**, 184, 254-61 9.3 90
- 778 Genomic Foundation of Starch-to-Lipid Switch in Oleaginous *Chlorella* spp. *Plant Physiology*, **2015**, 169, 2444-61 6.6 89
- 777 Outer synchronization of coupled discrete-time networks. *Chaos*, **2009**, 19, 013106 3.3 89
- 776 Probing the severe haze pollution in three typical regions of China: Characteristics, sources and regional impacts. *Atmospheric Environment*, **2015**, 120, 76-88 5.3 88
- 775 Effect of the selective pressure of sub-lethal level of heavy metals on the fate and distribution of ARGs in the catchment scale. *Environmental Pollution*, **2017**, 220, 900-908 9.3 88
- 774 In-channel integration of designable microoptical devices using flat scaffold-supported femtosecond-laser microfabrication for coupling-free optofluidic cell counting. *Light: Science and Applications*, **2015**, 4, e228-e228 16.7 88
- 773 Photodegradation of rhodamine B and methyl orange over one-dimensional TiO₂ catalysts under simulated solar irradiation. *Applied Surface Science*, **2011**, 257, 3798-3803 6.7 88

772	Effects of delayed feedback control on nonlinear vibration absorber system. <i>Journal of Sound and Vibration</i> , 2007 , 308, 212-230	3.9	88
771	Metabolic-Activity-Based Assessment of Antimicrobial Effects by DO-Labeled Single-Cell Raman Microspectroscopy. <i>Analytical Chemistry</i> , 2017 , 89, 4108-4115	7.8	87
770	Facile synthesis and photocatalytic application of hierarchical mesoporous Bi ₂ MoO ₆ nanosheet-based microspheres. <i>CrystEngComm</i> , 2012 , 14, 3602	3.3	86
769	A novel Z-scheme AgBr/P-g-C ₃ N ₄ heterojunction photocatalyst: Excellent photocatalytic performance and photocatalytic mechanism for ephedrine degradation. <i>Applied Catalysis B: Environmental</i> , 2020 , 266, 118614	21.8	83
768	Preliminary characterization of the oral microbiota of Chinese adults with and without gingivitis. <i>BMC Oral Health</i> , 2011 , 11, 33	3.7	82
767	Heavy metals in the surface sediments in Lanzhou Reach of Yellow River, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009 , 82, 26-30	2.7	82
766	Intellectual Capital, Financial Performance and Companies Sustainable Growth: Evidence from the Korean Manufacturing Industry. <i>Sustainability</i> , 2018 , 10, 4651	3.6	81
765	Raman activated cell ejection for isolation of single cells. <i>Analytical Chemistry</i> , 2013 , 85, 10697-701	7.8	80
764	Beneficial performance of a quasi-zero-stiffness vibration isolator with time-delayed active control. <i>International Journal of Mechanical Sciences</i> , 2014 , 82, 32-40	5.5	79
763	Producing Designer Oils in Industrial Microalgae by Rational Modulation of Co-evolving Type-2 Diacylglycerol Acyltransferases. <i>Molecular Plant</i> , 2017 , 10, 1523-1539	14.4	78
762	Airborne Fine Particulate Matter Induces Oxidative Stress and Inflammation in Human Nasal Epithelial Cells. <i>Tohoku Journal of Experimental Medicine</i> , 2016 , 239, 117-25	2.4	78
761	Message from a human gut symbiont: sensitivity is a prerequisite for sharing. <i>Trends in Microbiology</i> , 2004 , 12, 21-8	12.4	77
760	Biological ingredient analysis of traditional Chinese medicine preparation based on high-throughput sequencing: the story for Liuwei Dihuang Wan. <i>Scientific Reports</i> , 2014 , 4, 5147	4.9	76
759	Raman-Activated Droplet Sorting (RADS) for Label-Free High-Throughput Screening of Microalgal Single-Cells. <i>Analytical Chemistry</i> , 2017 , 89, 12569-12577	7.8	76
758	Fabrication of Ce ³⁺ /Cr ³⁺ co-doped yttrium aluminium gallium garnet transparent ceramic phosphors with super long persistent luminescence. <i>Scripta Materialia</i> , 2015 , 102, 47-50	5.6	75
757	Antagonistic roles of abscisic acid and cytokinin during response to nitrogen depletion in oleaginous microalga <i>Nannochloropsis oceanica</i> expand the evolutionary breadth of phytohormone function. <i>Plant Journal</i> , 2014 , 80, 52-68	6.9	75
756	Electro-optic integration of embedded electrodes and waveguides in LiNbO ₃ using a femtosecond laser. <i>Optics Letters</i> , 2008 , 33, 2281-3	3	75
755	Occurrence, distribution and bioaccumulation of antibiotics in the Liao River Basin in China. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 586-93	4.3	74

754	Thermal regime of a thermokarst lake and its influence on permafrost, Beiluhe Basin, Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , 2010 , 21, 315-324	4.2	74
753	Impact of DNA extraction method and targeted 16S-rRNA hypervariable region on oral microbiota profiling. <i>Scientific Reports</i> , 2018 , 8, 16321	4.9	74
752	Removal of benzotriazole from solution by BiOBr photocatalysis under simulated solar irradiation. <i>Chemical Engineering Journal</i> , 2013 , 221, 230-237	14.7	72
751	Photodegradation of sulfamethazine in an aqueous solution by a bismuth molybdate photocatalyst. <i>Catalysis Science and Technology</i> , 2013 , 3, 1603	5.5	72
750	In-situ fabrication of Ag/P-g-CN composites with enhanced photocatalytic activity for sulfamethoxazole degradation. <i>Journal of Hazardous Materials</i> , 2019 , 366, 219-228	12.8	72
749	Near-infrared multi-wavelengths long persistent luminescence of Nd ³⁺ ion through persistent energy transfer in Ce ³⁺ , Cr ³⁺ co-doped Y ₃ Al ₂ Ga ₃ O ₁₂ for the first and second bio-imaging windows. <i>Applied Physics Letters</i> , 2015 , 107, 081903	3.4	71
748	Metagenomic insights into the fibrolytic microbiome in yak rumen. <i>PLoS ONE</i> , 2012 , 7, e40430	3.7	71
747	Predictive modeling of gingivitis severity and susceptibility via oral microbiota. <i>ISME Journal</i> , 2014 , 8, 1768-80	11.9	70
746	An Efficient Method for Studying Weak Resonant Double Hopf Bifurcation in Nonlinear Systems with Delayed Feedbacks. <i>SIAM Journal on Applied Dynamical Systems</i> , 2007 , 6, 29-60	2.8	70
745	Toward Rechargeable Persistent Luminescence for the First and Third Biological Windows via Persistent Energy Transfer and Electron Trap Redistribution. <i>Inorganic Chemistry</i> , 2018 , 57, 5194-5203	5.1	66
744	Direct fabrication of homogeneous microfluidic channels embedded in fused silica using a femtosecond laser. <i>Optics Letters</i> , 2010 , 35, 282-4	3	65
743	Parallel-META 3: Comprehensive taxonomical and functional analysis platform for efficient comparison of microbial communities. <i>Scientific Reports</i> , 2017 , 7, 40371	4.9	64
742	Near-infrared long persistent luminescence of Er ³⁺ in garnet for the third bio-imaging window. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11096-11103	7.1	64
741	Electrofluidics fabricated by space-selective metallization in glass microfluidic structures using femtosecond laser direct writing. <i>Lab on A Chip</i> , 2013 , 13, 4608-16	7.2	64
740	Optimization of microwave pretreatment on wheat straw for ethanol production. <i>Biomass and Bioenergy</i> , 2011 , 35, 3859-3864	5.3	64
739	Projective synchronization of different chaotic time-delayed neural networks based on integral sliding mode controller. <i>Applied Mathematics and Computation</i> , 2010 , 217, 164-174	2.7	64
738	Magnetic nanoparticle-mediated isolation of functional bacteria in a complex microbial community. <i>ISME Journal</i> , 2015 , 9, 603-14	11.9	63
737	Fates and transport of PPCPs in soil receiving reclaimed water irrigation. <i>Chemosphere</i> , 2013 , 93, 2621-30.4	3.4	63

736	Seasonal and spatial distribution of nonylphenol in Lanzhou Reach of Yellow River in China. <i>Chemosphere</i> , 2006 , 65, 1445-51	8.4	62
735	Genome-wide identification of transcription factors and transcription-factor binding sites in oleaginous microalgae <i>Nannochloropsis</i> . <i>Scientific Reports</i> , 2014 , 4, 5454	4.9	61
734	The allotetraploid origin and asymmetrical genome evolution of the 'common carp <i>Cyprinus carpio</i> . <i>Nature Communications</i> , 2019 , 10, 4625	17.4	60
733	Long Low-Loss-Litium Niobate on Insulator Waveguides with Sub-Nanometer Surface Roughness. <i>Nanomaterials</i> , 2018 , 8,	5.4	60
732	Determination and partitioning behavior of perfluoroalkyl carboxylic acids and perfluorooctanesulfonate in water and sediment from Dianchi Lake, China. <i>Chemosphere</i> , 2012 , 88, 1292-94	8.4	59
731	Two microporous Fe-based MOFs with multiple active sites for selective gas adsorption. <i>Chemical Communications</i> , 2017 , 53, 2394-2397	5.8	58
730	Strength behaviors and meso-structural characters of loess after freeze-thaw. <i>Cold Regions Science and Technology</i> , 2018 , 148, 104-120	3.8	58
729	Label-free, rapid and quantitative phenotyping of stress response in <i>E. coli</i> via ramanome. <i>Scientific Reports</i> , 2016 , 6, 34359	4.9	58
728	Regulation of the cholesterol biosynthetic pathway and its integration with fatty acid biosynthesis in the oleaginous microalga <i>Nannochloropsis oceanica</i> . <i>Biotechnology for Biofuels</i> , 2014 , 7, 81	7.8	58
727	Pretreatment on <i>Miscanthus lutarioriparius</i> by liquid hot water for efficient ethanol production. <i>Biotechnology for Biofuels</i> , 2013 , 6, 76	7.8	58
726	Leachability of some emerging contaminants in reclaimed municipal wastewater-irrigated turf grass fields. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 1842-50	3.8	58
725	Effective Ratiometric Luminescent Thermal Sensor by Cr ³⁺ -Doped Mullite Bi ₂ Al ₄ O ₉ with Robust and Reliable Performances. <i>Advanced Optical Materials</i> , 2020 , 8, 2000124	8.1	57
724	Tailoring Trap Depth and Emission Wavelength in YAlGa O:Ce,V Phosphor-in-Glass Films for Optical Information Storage. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27150-27159	9.5	57
723	Enhancing photosynthetic biomass productivity of industrial oleaginous microalgae by overexpression of RuBisCO activase. <i>Algal Research</i> , 2017 , 27, 366-375	5	57
722	Microwave-assisted conversion of microcrystalline cellulose to 5-hydroxymethylfurfural catalyzed by ionic liquids. <i>Bioresource Technology</i> , 2014 , 162, 358-64	11	56
721	Degradation of sulfonamides antibiotics in lake water and sediment. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 2372-80	5.1	56
720	First principle study on the electronic structure of fluorine-doped SnO ₂ . <i>Solid State Communications</i> , 2009 , 149, 527-531	1.6	56
719	The impact of intellectual capital on SMEs performance in China. <i>Journal of Intellectual Capital</i> , 2019 , 20, 488-509	5.6	56

718	Vertical sidewall electrodes monolithically integrated into 3D glass microfluidic chips using water-assisted femtosecond-laser fabrication for in situ control of electrotaxis. <i>RSC Advances</i> , 2015 , 5, 24072-24080	3.7	55
717	Towards high-throughput microfluidic Raman-activated cell sorting. <i>Analyst, The</i> , 2015 , 140, 6163-74	5	55
716	Recent massive incidents for subway construction in soft alluvial deposits of Taiwan: A review. <i>Tunnelling and Underground Space Technology</i> , 2020 , 96, 103178	5.7	55
715	DEM simulation of particle size segregation behavior during charging into and discharging from a Paul-Wurth type hopper. <i>Chemical Engineering Science</i> , 2013 , 99, 314-323	4.4	54
714	PM-Induced Oxidative Stress and Mitochondrial Damage in the Nasal Mucosa of Rats. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	54
713	Parallel-META 2.0: enhanced metagenomic data analysis with functional annotation, high performance computing and advanced visualization. <i>PLoS ONE</i> , 2014 , 9, e89323	3.7	54
712	Quantitative dynamics of triacylglycerol accumulation in microalgae populations at single-cell resolution revealed by Raman microspectroscopy. <i>Biotechnology for Biofuels</i> , 2014 , 7, 58	7.8	53
711	Codimension-two bursting analysis in the delayed neural system with external stimulations. <i>Nonlinear Dynamics</i> , 2012 , 67, 309-328	5	53
710	Y3Al5GaO12:Cr3+: A novel red persistent phosphor with high brightness. <i>Applied Physics Express</i> , 2015 , 8, 042602	2.4	52
709	Spatial and temporal distribution of polycyclic aromatic hydrocarbons (PAHs) in surface water from Liaohe River Basin, northeast China. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7088-96	5.1	52
708	Investigation and Application of a New Passive Sampling Technique for in Situ Monitoring of Illicit Drugs in Waste Waters and Rivers. <i>Environmental Science & Technology</i> , 2017 , 51, 9101-9108	10.3	52
707	Cr/Er co-doped LaAlO perovskite phosphor: a near-infrared persistent luminescence probe covering the first and third biological windows. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 6385-6393	7.3	52
706	Characterization of the central metabolic pathways in <i>Thermoanaerobacter</i> sp. strain X514 via isotopomer-assisted metabolite analysis. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 5001-8	4.8	52
705	Selective metallization on insulator surfaces with femtosecond laser pulses. <i>Optics Express</i> , 2007 , 15, 12743-8	3.3	52
704	Reverse and Multiple Stable Isotope Probing to Study Bacterial Metabolism and Interactions at the Single Cell Level. <i>Analytical Chemistry</i> , 2016 , 88, 9443-9450	7.8	52
703	Development of a facile droplet-based single-cell isolation platform for cultivation and genomic analysis in microorganisms. <i>Scientific Reports</i> , 2017 , 7, 41192	4.9	51
702	RNAi-based targeted gene knockdown in the model oleaginous microalgae <i>Nannochloropsis oceanica</i> . <i>Plant Journal</i> , 2017 , 89, 1236-1250	6.9	51
701	Historical trends of concentrations, source contributions and toxicities for PAHs in dated sediment cores from five lakes in western China. <i>Science of the Total Environment</i> , 2014 , 470-471, 519-26	10.2	51

700	Levels and distribution of tetrabromobisphenol A and hexabromocyclododecane in Taihu Lake, China. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 2249-55	3.8	51
699	Photodegradation of sulfapyridine under simulated sunlight irradiation: kinetics, mechanism and toxicity evolution. <i>Chemosphere</i> , 2014 , 99, 186-91	8.4	50
698	Spatial and temporal variations of heavy metals in surface sediments in Bohai Bay, North China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010 , 84, 482-7	2.7	50
697	DELAY-INDUCED BIFURCATIONS IN A NONAUTONOMOUS SYSTEM WITH DELAYED VELOCITY FEEDBACKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004 , 14, 2777-2798	2	50
696	Two GdIII complexes derived from dicarboxylate ligands as cryogenic magnetorefrigerants. <i>New Journal of Chemistry</i> , 2015 , 39, 6970-6975	3.6	49
695	QC-Chain: fast and holistic quality control method for next-generation sequencing data. <i>PLoS ONE</i> , 2013 , 8, e60234	3.7	49
694	Factors influencing cellulosome activity in consolidated bioprocessing of cellulosic ethanol. <i>Bioresource Technology</i> , 2010 , 101, 9560-9	11	49
693	Nasal epithelial barrier disruption by particulate matter $\text{PM}_{2.5}$ via tight junction protein degradation. <i>Journal of Applied Toxicology</i> , 2018 , 38, 678-687	4.1	49
692	Ship-in-a-bottle femtosecond laser integration of optofluidic microlens arrays with center-pass units enabling coupling-free parallel cell counting with a 100% success rate. <i>Lab on A Chip</i> , 2015 , 15, 1517-23	7.3	48
691	Changes in the vertical profile of the Indonesian Throughflow during Termination II: Evidence from the Timor Sea. <i>Paleoceanography</i> , 2006 , 21,		48
690	Plant uptake of aldicarb from contaminated soil and its enhanced degradation in the rhizosphere. <i>Chemosphere</i> , 2004 , 54, 569-74	8.4	48
689	Investigation of an LuAG:Ce translucent ceramic synthesized via spark plasma sintering: Towards a facile synthetic route, robust thermal performance, and high-power solid state laser lighting. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 343-347	6	48
688	Drugs of abuse and their metabolites in the urban rivers of Beijing, China: Occurrence, distribution, and potential environmental risk. <i>Science of the Total Environment</i> , 2017 , 579, 305-313	10.2	47
687	Sediment-porewater partition of polycyclic aromatic hydrocarbons (PAHs) from Lanzhou Reach of Yellow River, China. <i>Journal of Hazardous Materials</i> , 2009 , 165, 494-500	12.8	47
686	Comparison on structural modification of industrial lignin by wet ball milling and ionic liquid pretreatment. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015 , 6, 1-7	5.3	46
685	Centimeter-Height 3D Printing with Femtosecond Laser Two-Photon Polymerization. <i>Advanced Materials Technologies</i> , 2018 , 3, 1700396	6.8	46
684	Effect of structures and sunny/shady slopes on thermal characteristics of subgrade along the Harbin-Dalian Passenger Dedicated Line in Northeast China. <i>Cold Regions Science and Technology</i> , 2016 , 123, 14-21	3.8	46
683	Novel magnetically recoverable BiOBr/iron oxides heterojunction with enhanced visible light-driven photocatalytic activity. <i>Applied Surface Science</i> , 2014 , 320, 383-390	6.7	46

682	Photodegradation of four fluoroquinolone compounds by titanium dioxide under simulated solar light irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 643-650	3.5	46
681	Enzymatic hydrolysis and fermentability of corn stover pretreated by lactic acid and/or acetic acid. <i>Journal of Biotechnology</i> , 2009 , 139, 300-5	3.7	46
680	Investigating hookworm genomes by comparative analysis of two <i>Ancylostoma</i> species. <i>BMC Genomics</i> , 2005 , 6, 58	4.5	46
679	Toward tunable and bright deep-red persistent luminescence of Cr ³⁺ in garnets. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 4033-4044	3.8	45
678	Nanochloropsis plastid and mitochondrial phylogenomes reveal organelle diversification mechanism and intragenus phylotyping strategy in microalgae. <i>BMC Genomics</i> , 2013 , 14, 534	4.5	45
677	Adsorption and degradation of ketoprofen in soils. <i>Journal of Environmental Quality</i> , 2009 , 38, 1177-82	3.4	45
676	Photostimulation induced persistent luminescence in Y ₃ Al ₂ Ga ₃ O ₁₂ :Cr ³⁺ . <i>Optical Materials Express</i> , 2016 , 6, 1405	2.6	45
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