

CITATION REPORT

List of articles citing

A review of the effects of emerging contaminants in wastewater and options for their removal

DOI: 10.1016/j.desal.2008.03.020
Desalination, 2009, 239, 229-246.

Source: <https://exaly.com/paper-pdf/46524246/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
923	Microconstituents [What is a Typical Municipal Wastewater Treatment Plant Designer to Do?. 2009 , 2009, 304-318		
922	Pollutants Biodegradation by Fungi. 2009 , 13, 1194-1214		103
921	Elimination of Carbamazepine, Diclofenac and Naproxen from Treated Wastewater by Nanofiltration. 2009 , 37, 638-641		42
920	Removal of emerging contaminants of industrial origin by NF/RO - A pilot scale study. 2009 , 6, 197-203		14
919	TECHNEAU: Safe Drinking Water from Source to Tap State of the art & Perspectives. 2009 , 8,		0
918	Treatment of Micropollutants in Water and Wastewater. 2010 , 9,		17
917	Health Effects Associated with Wastewater Treatment, Reuse, and Disposal. 2010 , 82, 2047-2066		8
916	Urine Separation - Opportunities for Developing Countries. 2010 , 5,		
915	Kinetic modeling of powdered activated carbon ozonation of sulfamethoxazole in water. 2010 , 164, 70-76		34
914	Occurrence and removal of PPCPs in municipal and hospital wastewaters in Greece. 2010 , 179, 804-17		220
913	Removal of Pesticides from Water Using Anaerobic-Aerobic Biological Treatment. 2010 , 18, 672-680		30
912	Hospital effluents as a source of emerging pollutants: An overview of micropollutants and sustainable treatment options. 2010 , 389, 416-428		530
911	Heterogeneous photo-Fenton treatment for the reduction of pharmaceutical contamination in Madrid rivers and ecotoxicological evaluation by a miniaturized fern spores bioassay. 2010 , 80, 381-8		59
910	A novel thin-layer photoelectrocatalytic (PEC) reactor with double-faced titania nanotube arrays electrode for effective degradation of tetracycline. 2010 , 98, 154-160		50
909	Negatively charged polyethersulfone hollow fiber nanofiltration membrane for the removal of bisphenol A from wastewater. 2010 , 73, 92-99		53
908	Assessing selected estrogens and xenoestrogens in Brazilian surface waters by liquid chromatography tandem mass spectrometry. 2010 , 96, 92-98		80
907	Degradation study of 15 emerging contaminants at low concentration by immobilized TiO ₂ in a pilot plant. 2010 , 151, 107-113		119

906	Nursing role in the pharmaceutical life cycle. 2010 , 34, 297-305	7
905	Emerging Pollutants. 2010 , 82, 2095-2170	14
904	Membrane Processes. 2010 , 82, 1159-1234	5
903	Biochemical biomarkers and metals in Perna perna mussels from mariculture zones of Santa Catarina, Brazil. 2010 , 73, 796-804	55
902	Treatment of municipal solid waste leachate using a submerged anaerobic membrane bioreactor at mesophilic and psychrophilic temperatures: analysis of recalcitrants in the permeate using GC-MS. 2010 , 44, 671-80	97
901	ZeroWasteWater: short-cycling of wastewater resources for sustainable cities of the future. 2011 , 18, 253-264	168
900	Use of Carbon Nanotubes in Water Treatment. 2011 , 321-368	3
899	From dishwasher to tap? Xenobiotic substances benzotriazole and tolyltriazole in the environment. 2011 , 45, 3858-64	114
898	Review of Endocrine-Disrupting-Compound Removal Technologies in Water and Wastewater Treatment Plants: An EU Perspective. 2011 , 50, 8389-8401	134
897	Effect of biological and chemical oxidation on the removal of estrogenic compounds (NP and BPA) from wastewater: an integrated assessment procedure. 2011 , 45, 2473-84	50
896	Source Separation and Decentralization. 2011 , 203-229	6
895	Water resources and land use and cover in a humid region: the southeastern United States. 2011 , 40, 867-78	34
894	The risks associated with wastewater reuse and xenobiotics in the agroecological environment. 2011 , 409, 3555-63	278
893	Assessment of the abiotic transformation of 17 β -estradiol in the presence of vegetable matter. 2011 , 82, 1468-74	10
892	Presence of Pharmaceuticals and Hormones in Waters from Sewage Treatment Plants. 2011 , 217, 267-281	82
891	Catalytic ozonation promoted by alumina-based catalysts for the removal of some pharmaceutical compounds from water. 2011 , 168, 1289-1295	77
890	Investigation of the dissociation pathways of metolachlor, acetochlor and alachlor under electron ionization - application to the identification of ozonation products. 2011 , 25, 93-103	16
889	Solar photocatalysis as a tertiary treatment to remove emerging pollutants from wastewater treatment plant effluents. 2011 , 161, 235-240	144

888	Modified photo-Fenton for degradation of emerging contaminants in municipal wastewater effluents. 2011 , 161, 241-246		65
887	A review of separation methods for the determination of estrogens and plastics-derived estrogen mimics from aqueous systems. 2011 , 696, 6-26		114
886	Reverse osmosis technology for water treatment: State of the art review. <i>Desalination</i> , 2011 , 267, 1-8	10.3	427
885	Heterogeneous catalytic treatment of synthetic dyes in aqueous media using Fenton and photo-assisted Fenton process. <i>Desalination</i> , 2011 , 269, 1-16	10.3	274
884	Removal of pesticides from the water and their adsorption on the reverse osmosis membranes of defined porous structure. 2011 , 30, 161-170		12
883	Effect of fouling on removal of trace organic compounds by nanofiltration. 2011 , 4, 71-82		8
882	Effect of fouling on removal of trace organic compounds by nanofiltration. 2011 ,		1
881	The relationship between mixed-liquor particle size and solids retention time in the activated sludge process. 2011 , 83, 2178-86		6
880	Evaluation of the Partial Ozonation and Partial Hydrogen Peroxide Oxidation Process for the Removal of COD and Estrogenic Activity from a Tank Truck Cleaning Generated Concentrate. 2012 , 34, 32-41		
879	Comparison of different wastewater treatments for removal of selected endocrine-disruptors from paper mill wastewaters. 2012 , 47, 1350-63		48
878	Emerging Compounds Removal from Wastewater. 2012 ,		26
877	Persistent toxic substances: sources, fates and effects. 2012 , 27, 207-13		26
876	Predicting the Fate of Emerging Contaminants in Wastewater Treatment Plants. 2012 , 2012, 3828-3836		1
875	Analysis of triclosan and 4n-nonylphenol in Colombian reservoir water by gas chromatography-mass spectrometry. 2012 , 27, n/a-n/a		8
874	Synthesis and characterisation of Pd-modified N-doped TiO ₂ for photocatalytic degradation of natural organic matter (NOM) fractions. 2012 , 19, 4120-32		21
873	Fenton-like oxidation of Reactive Black 5 solutions using acid-activated Kuala Kangsar clay. 2012 ,		
872	Kinetic studies on agrochemicals wastewater treatment by aerobic activated sludge process at high MLSS and high speed agitation. 2012 , 18, 1301-1307		9
871	Solar photo-Fenton at mild conditions to treat a mixture of six emerging pollutants. 2012 , 198-199, 65-72		49

870	Removal of caffeine and diclofenac on activated carbon in fixed bed column. 2012 , 90, 967-974	121
869	Changes in concentrations of hydrophilic organic contaminants and of endocrine-disrupting potential downstream of small communities located adjacent to headwaters. 2012 , 45, 22-31	29
868	Micro-pollutants in Hospital Effluent: Their Fate, Risk and Treatment Options. 2012 , 139-171	4
867	Removal of Emerging Contaminants from Water and Wastewater by Adsorption Process. 2012 , 15-37	103
866	Cytotoxicity and genotoxicity evaluation of urban surface waters using freshwater luminescent bacteria <i>Vibrio-qinghaiensis</i> sp.-Q67 and <i>Vicia faba</i> root tip. 2012 , 24, 1861-6	17
865	Optimization of mild solar TiO ₂ photocatalysis as a tertiary treatment for municipal wastewater treatment plant effluents. 2012 , 128, 119-125	26
864	Monitoring the occurrence of emerging contaminants in treated wastewater and groundwater between 2008 and 2010. The Baix Llobregat (Barcelona, Spain). 2012 , 239-240, 32-9	143
863	Emerging organic contaminants in groundwater in Spain: a review of sources, recent occurrence and fate in a European context. 2012 , 440, 82-94	258
862	Human Health Risk Assessment of Non-Regulated Xenobiotics in Recycled Water: A Review. 2012 , 18, 517-546	25
861	An Overview of the Persistent Organic Pollutants in the Freshwater System. 2012 ,	1
860	Water Quantity and Quality at the UrbanRural Interface. 2012 , 29-48	20
859	Potential Applications for Solar Photocatalysis: From Environmental Remediation to Energy Conversion. 2012 ,	5
858	Management of effluents and waste from pharmaceutical industry in Minas Gerais, Brazil. 2012 , 48, 727-736	12
857	RO/NF membrane treatment of veterinary pharmaceutical wastewater: comparison of results obtained on a laboratory and a pilot scale. 2012 , 19, 1033-42	23
856	Assessment of the abiotic transformation of 17 β -estradiol in the presence of vegetable matter--II: the role of molecular oxygen. 2012 , 87, 521-6	7
855	Predicting EDC concentrations in a river mixing zone. 2012 , 87, 1111-8	8
854	Removal of total ammonia nitrogen (TAN), nitrate and total organic carbon (TOC) from aquaculture wastewater using electrochemical technology: A review. <i>Desalination</i> , 2012 , 285, 1-13	10.3 305
853	Exploring the dependence of bulk properties on surface chemistries and microstructures of commercially composite RO membranes by novel characterization approaches. <i>Desalination</i> , 2012 , 292, 9-18	10.3 27

852	Processes for the elimination of estrogenic steroid hormones from water: a review. 2012 , 165, 38-58	231
851	Assessment of the effects of a marine urban outfall discharge on caged mussels using chemical and biomarker analysis. 2012 , 64, 563-73	33
850	Review of risk from potential emerging contaminants in UK groundwater. 2012 , 416, 1-21	495
849	A critical review on sustainability assessment of recycled water schemes. 2012 , 426, 13-31	104
848	Treatment of emerging contaminants in wastewater treatment plants (WWTP) effluents by solar photocatalysis using low TiO ₂ concentrations. 2012 , 211-212, 131-7	168
847	Synthesis of magnetic rattle-type nanostructures for use in water treatment. 2013 , 5, 2540-8	46
846	Application of solar AOPs and ozonation for elimination of micropollutants in municipal wastewater treatment plant effluents. 2013 , 47, 1521-8	213
845	Changes in surface properties and separation efficiency of a nanofiltration membrane after repeated fouling and chemical cleaning cycles. 2013 , 113, 42-50	46
844	Evaluation of removal efficiency for acute toxicity and genotoxicity on zebrafish in anoxic-oxic process from selected municipal wastewater treatment plants. 2013 , 90, 2662-6	23
843	Degradation of emergent contaminants by UV, UV/H ₂ O ₂ and neutral photo-Fenton at pilot scale in a domestic wastewater treatment plant. 2013 , 47, 5836-45	180
842	Preparation of a nano-scale ceramic membrane and its application in the medium-pressure boiler with phosphate treatment. <i>Desalination</i> , 2013 , 322, 167-175	10.3 6
841	Efficient degradation of contaminants of emerging concerns by a new electro-Fenton process with Ti/MMO cathode. 2013 , 93, 2796-804	72
840	Robust iron coordination complexes with N-based neutral ligands as efficient Fenton-like catalysts at neutral pH. 2013 , 47, 9918-27	34
839	Removal of pharmaceuticals from a WWTP secondary effluent by ultrafiltration/reverse osmosis followed by electrochemical oxidation of the RO concentrate. <i>Desalination</i> , 2013 , 331, 26-34	10.3 153
838	A Review of Pharmaceuticals and Endocrine-Disrupting Compounds: Sources, Effects, Removal, and Detections. 2013 , 224, 1	169
837	Using mass spectrometry to highlight structures of degradation compounds obtained by photolysis of chloroacetamides: case of acetochlor. 2013 , 1310, 98-112	15
836	Ultra-performance liquid chromatography MS/MS method for the determination of parabens in compost from sewage sludge: comparison of the efficiency of two extraction techniques. 2013 , 36, 2635-45	7
835	Laccase immobilization and insolubilization: from fundamentals to applications for the elimination of emerging contaminants in wastewater treatment. 2013 , 33, 404-18	117

834	Occurrence and Removal of Antiviral Drugs in Environment: A Review. 2013 , 224, 1	58
833	Assessing the effects of treated and untreated urban discharges to estuarine and coastal waters applying selected biomarkers on caged mussels. 2013 , 77, 251-65	32
832	Degradation kinetics and mechanism of emerging contaminants in water by dielectric barrier discharge non-thermal plasma: The case of 17 β Estradiol. 2013 , 228, 790-798	58
831	Chlorination and bromination kinetics of emerging contaminants in aqueous systems. 2013 , 219, 43-50	48
830	Enhanced hydrophilicity and salt rejection study of graphene oxide-polysulfone mixed matrix membrane. <i>Desalination</i> , 2013 , 313, 199-207	10.3 420
829	Removal of cytostatic drugs from aquatic environment: a review. 2013 , 445-446, 281-98	192
828	Endocrine disruptors compounds, pharmaceuticals and personal care products in urban wastewater: implications for agricultural reuse and their removal by adsorption process. 2013 , 20, 3616-28	98
827	Photolysis and TiO ₂ photocatalysis of the pharmaceutical propranolol: Solar and artificial light. 2013 , 130-131, 249-256	88
826	Magnetic Nanoparticle Adsorbents for Emerging Organic Contaminants. 2013 , 1, 731-736	65
825	Synergistic effect of pH and phase in a nanocrystalline titania photocatalyst. 2013 , 5, 6247-54	24
824	Interaction of 17 β Estradiol and ketoconazole on endocrine function in goldfish (<i>Carassius auratus</i>). 2013 , 132-133, 19-25	28
823	Brackish groundwater desalination by reverse osmosis in southeastern Spain. Presence of emerging contaminants and potential impacts on soil-aquifer media. 2013 , 51, 2431-2444	12
822	Future Directions Biosolids Management of The Second Decade of the 21st Century. 2013 , 2013, 341-363	1
821	Introduction. 2013 , 1-20	2
820	Pilot-Scale Removal of Trace Steroid Hormones and Pharmaceuticals and Personal Care Products from Municipal Wastewater Using a Heterogeneous Fenton [®] Catalytic Process. 2013 , 2013, 1-10	19
819	Oestrogen, testosterone, cytotoxin and cholinesterase inhibitor removal during reclamation of sewage to drinking water. 2013 , 39,	1
818	The Effectiveness of Single Oxidants and AOPs in the Degradation of Emerging Contaminants in Waters: A Comparison Study. 2013 , 35, 263-272	11
817	Combination of Black-Light Photo-catalysis and Ozonation for Emerging Contaminants Degradation in Secondary Effluents. 2013 , 36, 492-499	14

816	Occurrence of synthetic hormones in sewage effluents and Langat River and its tributaries, Malaysia. 2013 , 93, 1457-1469	16
815	Future Directions Biosolids Management of The Second Decade of the 21st Century. 2013 , 2013, 2748-2770	
814	Are in vitro methods for the detection of endocrine potentials in the aquatic environment predictive for in vivo effects? Outcomes of the Projects SchussenAktiv and SchussenAktivplus in the Lake Constance Area, Germany. 2014 , 9, e98307	28
813	Treated wastewater effluent as a source of microbial pollution of surface water resources. 2013 , 11, 249-70	161
812	Beneficial and Negative Impacts on Soil by the Reuse of Treated/Untreated Municipal Wastewater for Agricultural Irrigation [A Review of the Current Knowledge and Future Perspectives. 2014 ,	2
811	Aquatic environmental monitoring and removal efficiency of detergentsPeer review under responsibility of National Water Research Center.View all notes. 2014 , 28, 51-64	29
810	Effect of nitrate on the degradation of bisphenol A by UV/H ₂ O ₂ and ozone/H ₂ O ₂ oxidation in aqueous solution. 2014 , 52, 797-804	10
809	Decolorization of Reactive Black 5 Using Fe-Areca Nut as a Heterogeneous Fenton Catalyst. 2014 , 661, 29-33	1
808	Assessment of food processing and pharmaceutical industrial wastes as potential biosorbents: a review. 2014 , 2014, 146769	24
807	Analysis of trace organic pollutants in wastewater to assess biodegradation using wrong-way-round ionization in liquid chromatography/tandem mass spectrometry. 2014 , 28, 1265-72	9
806	Electrochemical removal of dimethyl phthalate with diamond anodes. 2014 , 89, 282-289	22
805	Controlling pH in biological depuration of industrial wastewater to enable micropollutant removal using a further advanced oxidation process. 2014 , 89, 1274-1282	6
804	CHAPTER 7:Superficial Modification of Semiconductors with Gold Nanoparticles for Photocatalytic Applications. 155-228	2
803	Pharmaceuticals as emerging organic contaminants in Umgeni River water system, KwaZulu-Natal, South Africa. 2014 , 186, 7273-91	120
802	Analysis of Emerging Contaminants in Drinking Water [A Review. 2014 , 212-229	7
801	A Review of Removal of Pollutants from Water/Wastewater Using Different Types of Nanomaterials. 2014 , 2014, 1-24	376
800	Electrochemical degradation of the dimethyl phthalate ester on a fluoride-doped Ti/EPbO ₂ anode. 2014 , 109, 187-94	64
799	Potentiometric Determination of Alkyl Dimethyl Hydroxyethyl Ammonium Surfactant by a New Chemically Modified Carbon Past Electrode. 2014 , 17, 183-190	6

798	Integrated Sono-Fenton ultrafiltration process for 4-chlorophenol removal from aqueous effluents: assessment of operational parameters (Part 1). 2014 , 16, 1145-1160	9
797	Competitive adsorption studies of caffeine and diclofenac aqueous solutions by activated carbon. 2014 , 240, 443-453	158
796	Fate of thiabendazole through the treatment of a simulated agro-food industrial effluent by combined MBR/Fenton processes at μ /L scale. 2014 , 51, 55-63	42
795	Deleterious effects of wastewater on the health status of fish: A field caging study. 2014 , 38, 104-112	56
794	What level of estrogenic activity determined by in vitro assays in municipal waste waters can be considered as safe?. 2014 , 64, 98-109	110
793	Review of iron-free Fenton-like systems for activating H ₂ O ₂ in advanced oxidation processes. 2014 , 275, 121-35	1271
792	Removal of emerging micropollutants from water using cyclodextrin. 2014 , 485-486, 711-719	56
791	Removal of pharmaceuticals at microg L ⁻¹ by combined nanofiltration and mild solar photo-Fenton. 2014 , 239, 68-74	40
790	Preliminary assessment of terrestrial microalgae isolated from lichens as testing species for environmental monitoring: lichen phycobionts present high sensitivity to environmental micropollutants. 2014 , 99, 35-44	8
789	A review on the occurrence of micropollutants in the aquatic environment and their fate and removal during wastewater treatment. 2014 , 473-474, 619-41	2205
788	Removal of endocrine disrupting compounds in a lab-scale anaerobic/aerobic sequencing batch reactor unit. 2014 , 35, 1055-63	15
787	Fabrication of PAN/PHCS adsorptive UF membranes with enhanced performance for dichlorophenol removal from water. 2014 , 131, n/a-n/a	8
786	Comparing Contaminant Removal Costs for Aquifer Recharge with Wastewater with Water Supply Benefits. 2014 , 50, 324-333	3
785	Factors governing the rejection of trace organic contaminants by nanofiltration and reverse osmosis membranes. 2014 , 52, 589-599	18
784	Enhanced adsorption of carbon nanocomposites exhausted with 2,4-dichlorophenoxyacetic acid after regeneration by thermal oxidation and microwave irradiation. 2014 , 1, 113-116	24
783	Impedance Biosensors: Applications to Sustainability and Remaining Technical Challenges. 2014 , 2, 1649-1655	55
782	Rejection of trace organic compounds by forward osmosis membranes: a literature review. 2014 , 48, 3612-24	151
781	Biodegradation of 5 β -dihydrotestosterone to non-androgenic products. 2014 , 93, 162-167	1

780	Intensification of a solar photo-Fenton reaction at near neutral pH with ferrioxalate complexes: A case study on diclofenac removal from aqueous solutions. 2014 , 256, 448-457	66
779	Fate and transport of selected estrogen compounds in Hawaii soils: effect of soil type and macropores. 2014 , 166, 1-10	24
778	Applicability of fluidized bed reactor in recalcitrant compound degradation through advanced oxidation processes: a review. 2014 , 146, 260-275	83
777	A Review of Combined Advanced Oxidation Technologies for the Removal of Organic Pollutants from Water. 2014 , 225, 1	126
776	Investigation of diclofenac degradation in a continuous photo-catalytic membrane reactor. Influence of operating parameters. 2014 , 239, 299-311	117
775	Removal of emerging pollutants by Ru/TiO ₂ -catalyzed permanganate oxidation. 2014 , 63, 262-70	42
774	Concentration evolution of pharmaceutically active compounds in raw urban and industrial wastewater. 2014 , 111, 70-9	36
773	Ozonation of wastewater: removal and transformation products of drugs of abuse. 2014 , 487, 763-70	37
772	Photo-assisted electrochemical treatment of municipal wastewater reverse osmosis concentrate. 2014 , 249, 180-188	36
771	Catalytic performance of heteroatom-modified carbon nanotubes in advanced oxidation processes. 2014 , 35, 896-905	42
770	Combined adsorbents and reactive oxygen species (ROS) generators in soil for treating reverse osmosis concentrates. 2014 , 264, 9-21	7
769	Adsorption of pharmaceutical pollutants onto graphene nanoplatelets. 2014 , 248, 191-199	207
768	Efficiency of advanced wastewater treatment technologies for the reduction of hormonal activity in effluents and connected surface water bodies by means of vitellogenin analyses in rainbow trout (<i>O. mykiss</i>) and brown trout (<i>S. trutta</i>). 2015 , 27, 22	12
767	Induced Genotoxicity in Nitrate-Rich Water Treated With Medium-Pressure Ultraviolet Processes. 2015 , 107, E301-E312	13
766	Removal of tetracycline and the degradation products by <i>Lemna gibba</i> L. exposed to secondary effluents. 2015 , 34, 1311-1321	5
765	Assessing Toxicity of Organic Aquatic Micropollutants Based on the Total Chlorophyll Content of <i>Lemna minor</i> as a Sensitive Endpoint. 2015 , 59, 262-271	25
764	Sustainable Water Systems for the City of Tomorrow: A Conceptual Framework. 2015 , 7, 12071-12105	47
763	Evaluation of emerging waterborne contaminants in Ireland. 2015 , 15, 1228-1235	2

762	A Short Review on Presence of Pharmaceuticals in Water Bodies and the Potential of Chitosan and Chitosan Derivatives for Elimination of Pharmaceuticals. 2015 , s4,	6
761	REMOVAL OF BRILLIANT GREEN AND PROCIONRED DYES FROM AQUEOUS SOLUTIONBY ADSORPTION USING SELECTED AGRICULTURAL WASTES. 2015 , 74,	3
760	Anthropogenic Trace Compounds (ATCs) in aquatic habitats - research needs on sources, fate, detection and toxicity to ensure timely elimination strategies and risk management. 2015 , 79, 85-105	66
759	Removal of emerging contaminants from municipal WWTP secondary effluents by solar photocatalytic ozonation. A pilot-scale study. 2015 , 149, 132-139	41
758	Removal of Bisphenol A (BPA) in Surface Water by Ozone Oxidation Process. 2015 , 735, 210-214	2
757	Identifying Knowledge Gaps in Assessing Implication of Engineered Nanomaterials on Wastewater Reuse. 2015 , 135-148	0
756	Construction of amphiphilic segments on polypropylene nonwoven surface and its application in removal of endocrine disrupting compounds (EDCs) from aqueous solution. 2015 , 337, 178-187	13
755	Biosorption of zinc(II) on rapeseed waste: Equilibrium studies and thermogravimetric investigations. 2015 , 94, 18-28	56
754	Biodegradation of wastewater organic contaminants using <i>Serratia</i> sp. ISTVKR1 isolated from sewage sludge. 2015 , 102, 115-124	24
753	Nutrients and pharmaceuticals removal from wastewater by culture and harvesting of <i>Chlorella sorokiniana</i> . 2015 , 185, 276-84	64
752	Removal of bisphenol A from aqueous solutions by electrochemical polymerization on a carbon aerogel electrode. 2015 , 51, 103-108	11
751	Sorption and desorption of diverse contaminants of varying polarity in wastewater sludge with and without alum. 2015 , 17, 674-82	18
750	Changes in protein expression of pacific oyster <i>Crassostrea gigas</i> exposed in situ to urban sewage. 2015 , 22, 17267-79	12
749	Adsorption Characteristics of Bisphenol A onto Low-Cost Modified Phyto-Waste Material in Aqueous Solution. 2015 , 226, 1	39
748	Organically Modified Saponites: SAXS Study of Swelling and Application in Caffeine Removal. 2015 , 7, 10853-62	46
747	Occurrence of emerging and priority pollutants in municipal reverse osmosis concentrates. 2015 , 17, 488-94	7
746	Electrooxidation treatment for removal of emerging pollutants in wastewater sludge. 2015 , 149, 26-33	28
745	Fungal enzymes for environmental management. 2015 , 33, 268-78	117

744	Carbon-based nanomaterials for removal of chemical and biological contaminants from water: A review of mechanisms and applications. 2015 , 91, 122-143	395
743	Removal of organic micropollutants using membrane-assisted processes: a review of recent progress. 2015 , 4, 17-37	44
742	Elimination of drugs of abuse and their toxicity from natural waters by photo-Fenton treatment. 2015 , 520, 198-205	47
741	Removal of fluoxetine from water by adsorbent materials produced from paper mill sludge. 2015 , 448, 32-40	42
740	Removal of emerging contaminants by pre-mixed PACl and carbonaceous materials. 2015 , 5, 35461-35468	9
739	Design, economic evaluation and optimization of enzymatic membrane reactors for antibiotics degradation in wastewaters. 2015 , 156, 183-199	25
738	Comparative evaluation of adsorption kinetics of diclofenac and isoproturon by activated carbon. 2015 , 50, 1241-8	3
737	Degradation of Caffeine by Advanced Oxidative Processes: O ₃ and O ₃ /UV. 2015 , 37, 379-384	36
736	Decomposition of atrazine traces in water by combination of non-thermal electrical discharge and adsorption on nanofiber membrane. 2015 , 72, 361-71	41
735	Effect of the TiO ₂ Crystallite Size, TiO ₂ Polymorph and Test Conditions on the Photo-Oxidation Rate of Aqueous Methylene Blue. 2015 , 58, 85-102	23
734	Adsorption and removal of phthalic acid and diethyl phthalate from water with zeolitic imidazolate and metal-organic frameworks. 2015 , 282, 194-200	235
733	Performance of different carbonaceous materials for emerging pollutants adsorption. 2015 , 119 Suppl, S124-30	29
732	Catalytic ozonation with FeAl ₂ O ₃ to enhance the degradation of refractory organics in water. 2015 , 504, 519-532	71
731	Study of a large scale powdered activated carbon pilot: Removals of a wide range of emerging and priority micropollutants from wastewater treatment plant effluents. 2015 , 72, 315-30	165
730	Fate of selected pharmaceutically active compounds during simulated riverbank filtration. 2015 , 505, 615-22	16
729	Removal of strontium (Sr ²⁺) from aqueous solutions with titanosilicates obtained by the sol-gel method. 2015 , 438, 159-168	22
728	Biochemical responses in the gills of <i>Meretrix meretrix</i> after exposure to treated municipal effluent. 2015 , 111, 78-85	17
727	Greenhouse Gases Emissions from Wastewater Treatment Plants: Minimization, Treatment, and Prevention. 2016 , 2016, 1-12	48

726	Degrading Organic Micropollutants: The Next Challenge in the Evolution of Biological Wastewater Treatment Processes. 2016 , 4,	17
725	China's Water Utilization Efficiency: An Analysis with Environmental Considerations. 2016 , 8, 516	29
724	Isolation of Bdellovibrio bacteriovorus from a tropical wastewater treatment plant and predation of mixed species biofilms assembled by the native community members. 2016 , 18, 3923-3931	27
723	Cu and Fe oxides dispersed on SBA-15: A Fenton type bimetallic catalyst for N,N -diethyl- p -phenyl diamine degradation. 2016 , 199, 323-330	96
722	Enhanced Photocatalytic Degradation of 17 β -Ethinylestradiol Exhibited by Multifunctional ZnFe O -Ag/rGO Nanocomposite Under Visible Light. 2016 , 92, 238-246	26
721	Removal of Trace Organic Contaminants by Integrated Membrane Processes for Water Reuse Applications. 2016 , 533-578	4
720	Discrimination of the effects on zebrafish reproduction from pollutants in drinking water via female, via male and/or via fecundation water. 2016 , 24, 563-7	2
719	Occurrence and fate of endocrine disrupting chemicals in ASP based sewage treatment plant in Hardwar. 2016 , 74, 1039-50	1
718	Evaluation of the detoxication efficiencies for acrylonitrile wastewater treated by a combined anaerobic oxic-aerobic biological fluidized tank (A/O-ABFT) process: Acute toxicity and zebrafish embryo toxicity. 2016 , 154, 1-7	8
717	Heterogeneous photocatalytic degradation of the endocrine-disrupting chemical Benzophenone-3: Parameters optimization and by-products identification. 2016 , 167, 246-58	37
716	Elimination of micropollutants and transformation products from a wastewater treatment plant effluent through pilot scale ozonation followed by various activated carbon and biological filters. 2016 , 100, 580-592	133
715	Effect of pH on the sonochemical degradation of organic pollutants. 2016 , 14, 163-182	37
714	Application of graphene based materials for adsorption of pharmaceutical traces from water and wastewater- a review. 2016 , 1-14	42
713	Assessment of methods of detection of water estrogenicity for their use as monitoring tools in a process of estrogenicity removal. 2016 , 37, 3104-19	2
712	Removal of trace organic contaminants from domestic wastewater: A meta-analysis comparison of sewage treatment technologies. 2016 , 92-93, 183-8	68
711	Micropollutants removal from water using microfiltration membrane modified with ZIF-8 metal organic frameworks (MOFs). 2016 , 300, 273-279	64
710	Biogeochemical mechanisms controlling trophic state and micropollutant concentrations in a tropical artificial lake. 2016 , 75, 1	11
709	Biodegradation of bezafibrate by the activated sludge under aerobic condition: Effect of initial concentration, temperature and pH. 2016 , 2, 173-177	10

708	An advanced oxidation process for wastewater treatment to reduce the ecological burden from pharmacotherapy and the agricultural use of pesticides. 2016 , 97, 186-195	21
707	Assessment of potential risks associated with chemicals in wastewater used for irrigation in arid and semiarid zones: A review. 2016 , 177, 419-431	125
706	Evidence of solute-solute interactions and cake enhanced concentration polarization during removal of pharmaceuticals from urban wastewater by nanofiltration. 2016 , 104, 156-167	38
705	Efficient activation of peroxymonosulfate by magnetic Mn-MGO for degradation of bisphenol A. 2016 , 320, 150-159	161
704	Desorption of Arsenic Ions from Iron Modified Montmorillonite. 2016 , 864, 134-139	
703	The release of wastewater contaminants in the Arctic: A case study from Cambridge Bay, Nunavut, Canada. 2016 , 218, 542-550	21
702	Tertiary treatment of a municipal wastewater toward pharmaceuticals removal by chemical and electrochemical advanced oxidation processes. 2016 , 105, 251-263	92
701	Activated carbon from sewage sludge for removal of sodium diclofenac and nimesulide from aqueous solutions. 2016 , 33, 3149-3161	35
700	Analytical tools employed to determine pharmaceutical compounds in wastewaters after application of advanced oxidation processes. 2016 , 23, 24476-24494	12
699	Assessment of trace heavy metals dynamics during the interaction of aqueous solutions with the artificial OECD soil: Evaluation of the effect of soil organic matter content and colloidal mobilization. 2016 , 163, 382-391	25
698	Pharmaceuticals and Groundwater Resources. 2016 , 101-144	3
697	Emerging Issues in Groundwater Resources. 2016 ,	3
696	Advanced Material for Pharmaceutical Removal from Wastewater. 2016 , 179-212	7
695	Organic micropollutants in aerobic and anaerobic membrane bioreactors: Changes in microbial communities and gene expression. 2016 , 218, 882-91	51
694	Comparative assessment of diclofenac removal from water by different microalgae strains. 2016 , 18, 127-134	54
693	Removal of Mefenamic acid from aqueous solutions by oxidative process: Optimization through experimental design and HPLC/UV analysis. 2016 , 167, 206-13	14
692	Estimation of kinetic parameters and UV doses necessary to remove twenty-three pharmaceuticals from pre-treated urban wastewater by UV/H ₂ O ₂ . 2016 , 329, 130-138	38
691	Phthalate contamination in aquatic environment: A critical review of the process factors that influence their removal in conventional and advanced wastewater treatment. 2016 , 46, 1402-1439	17

690	Pre-ultrafiltration or pre-ozonation for EDCs removal in a combined ultrafiltration and ozonation process. 2016 , 91, 2929-2934	8
689	Adsorptive removal of diclofenac from ultrapure and wastewater: a comparative assessment on the performance of a polymeric resin and activated carbons. 2016 , 1-10	3
688	Treatment of laundrette wastewater using Starbon and Fenton's reagent. 2016 , 51, 974-9	31
687	Removal strategies for endocrine disrupting chemicals using cellulose-based materials as adsorbents: A review. 2016 , 4, 3122-3142	43
686	Quantitative detection of powdered activated carbon in wastewater treatment plant effluent by thermogravimetric analysis (TGA). 2016 , 101, 510-518	15
685	Bicarbonate activation of hydrogen peroxide: A new emerging technology for wastewater treatment. 2016 , 37, 810-825	22
684	Chromatographic determination and toxicological potential evaluation of selected micropollutants in aquatic environment—analytical problems. 2016 , 57, 1361-1369	10
683	Investigation of synchronous arsenic and salinity rejection via nanofiltration system and membrane cleaning. 2016 , 57, 6554-6565	8
682	Modulation of 17 β -estradiol induced estrogenic responses in male goldfish (<i>Carassius auratus</i>) by benzo[a]pyrene and ketoconazole. 2016 , 23, 9036-45	6
681	Membrane processes for removal of pharmaceutically active compounds (PhACs) from water and wastewaters. 2016 , 547, 60-77	211
680	The potential of the innovative SeMPAC process for enhancing the removal of recalcitrant organic micropollutants. 2016 , 308, 29-36	30
679	Pharmaceuticals, endocrine disruptors, personal care products, nanomaterials and perfluorinated pollutants: a review. 2016 , 14, 27-49	251
678	Treatment of vegetable oil refinery wastewater using alumina ceramic membrane: optimization using response surface methodology. 2016 , 112, 3132-3137	53
677	Removal of a wide range of emerging pollutants from wastewater treatment plant discharges by micro-grain activated carbon in fluidized bed as tertiary treatment at large pilot scale. 2016 , 542, 983-96	113
676	Occurrence, impacts and removal of emerging substances of concern from wastewater. 2016 , 5, 161-175	57
675	Managing Emerging Contaminants: Status, Impacts, and Watershed-Wide Strategies. 2016 , 8, 143-158	18
674	Use of solar advanced oxidation processes for wastewater treatment: Follow-up on degradation products, acute toxicity, genotoxicity and estrogenicity. 2016 , 148, 473-80	46
673	Estrogenic activity in Finnish municipal wastewater effluents. 2016 , 88, 740-749	48

672	A new approach for trace analysis of guanidine compounds in surface water with resorcinarene-based ion chromatography columns. 2016 , 141, 939-46	7
671	Membrane assisted technology appraisal for water reuse applications in South Africa. 2016 , 13, 536-552	7
670	Occurrence and removal of organic micropollutants: An overview of the watch list of EU Decision 2015/495. 2016 , 94, 257-279	522
669	Synthesis of lamellar mesostructure aluminophosphate nanoparticles and their conversion to a highly efficient adsorbent using ultrasound waves for partial template removal. 2016 , 6, 24929-24938	1
668	Removal of bisphenol A by adsorption mechanism using PES-SiO ₂ composite membranes. 2016 , 37, 1959-69	14
667	Application of self-sustaining smouldering combustion for the destruction of wastewater biosolids. 2016 , 50, 201-12	45
666	Kinetic study and modelling of the UV photo-degradation of thiabendazole. 2016 , 81, 133-140	10
665	Biotransformation kinetics of pharmaceutical and industrial micropollutants in groundwaters by a laccase cocktail from <i>Pycnoporus sanguineus</i> CS43 fungi. 2016 , 108, 34-41	40
664	Removal of caffeine from pharmaceutical wastewater by adsorption: influence of NOM, textural and chemical properties of the adsorbent. 2016 , 37, 1618-30	23
663	Design and optimization of a photocatalytic reactor for water purification combining optical fiber and membrane technologies. 2016 , 305, 92-103	21
662	Influence of membrane, pH and water matrix properties on the retention of emerging contaminants by ultrafiltration and nanofiltration. 2016 , 57, 11685-11698	3
661	Occurrence of endocrine disrupting compounds in aqueous environment and their bacterial degradation: A review. 2016 , 46, 1-59	112
660	Fabrication and applications of ceramic nanofibers in water remediation: A review. 2016 , 46, 500-534	56
659	Removal of pharmaceuticals and personal care products by <i>Eichhornia crassipes</i> and <i>Pistia stratiotes</i> . 2016 , 58, 318-323	36
658	Removal of diclofenac and sulfamethoxazole from synthetic municipal waste water in microcosm downflow constructed wetlands: Start-up results. 2016 , 18, 157-63	23
657	Adsorption of caesium (Cs ⁺) from aqueous solution by porous titanasilicate xerogels. 2016 , 57, 5554-5566	4
656	A review of solar and visible light active TiO ₂ photocatalysis for treating bacteria, cyanotoxins and contaminants of emerging concern. 2016 , 42, 2-14	428
655	Oxidation of priority and emerging pollutants with persulfate activated by iron: Effect of iron valence and particle size. 2017 , 318, 197-205	40

654	Removal of decabromodiphenyl ether (BDE-209) using a combined system involving TiO photocatalysis and wetland plants. 2017 , 322, 263-269	20
653	Evaluation of the information content of long-term wastewater characteristics data in relation to activated sludge model parameters. 2017 , 75, 1370-1389	14
652	From the conventional biological wastewater treatment to hybrid processes, the evaluation of organic micropollutant removal: A review. 2017 , 111, 297-317	405
651	Phenoxy herbicide removal from aqueous solutions using fast pyrolysis switchgrass biochar. 2017 , 174, 49-57	61
650	Simplified solid-phase extraction procedure combined with liquid chromatography tandem-mass spectrometry for multiresidue assessment of pharmaceutical compounds in environmental liquid samples. 2017 , 1487, 54-63	9
649	Titanosilicates in cation adsorption and cation exchange [A review. 2017 , 317, 570-585	46
648	Electrochemically Mediated Reduction of Nitrosamines by Hemin-Functionalized Redox Electrodes. 2017 , 4, 161-167	31
647	Mass spectrometry based in vitro assay investigations on the transformation of pharmaceutical compounds by oxidative enzymes. 2017 , 174, 466-477	13
646	Nitrogen-Doped Carbon Nanotubes/Polyethersulfone Blend Membranes for Removing Emerging Micropollutants. 2017 , 45, 1500889	15
645	Contribution of H-bond in adsorptive removal of pharmaceutical and personal care products from water using oxidized activated carbon. 2017 , 243, 221-228	70
644	Occurrences and removal of pharmaceuticals and personal care products (PPCPs) in drinking water and water/sewage treatment plants: A review. 2017 , 596-597, 303-320	805
643	Removal of emerging micropollutants by activated sludge process and membrane bioreactors and the effects of micropollutants on membrane fouling: A review. 2017 , 5, 2395-2414	150
642	Emerging pollutant treatments in wastewater: Cases of antibiotics and hormones. 2017 , 52, 235-253	29
641	Clay-supported nanoscale zero-valent iron composite materials for the remediation of contaminated aqueous solutions: A review. 2017 , 312, 336-350	189
640	Comparative Evaluation of Photo-Chemical AOPs for Ciprofoxacin Degradation: Elimination in Natural Waters and Analysis of pH Effect, Primary Degradation By-Products, and the Relationship with the Antibiotic Activity. 2017 , 228, 1	20
639	Identification and assessment of ecotoxicological hazards attributable to pollutants in urban wet weather discharges. 2017 , 19, 1150-1168	12
638	Elevated gonadal atresia as biomarker of endocrine disruptors: Field and experimental studies using <i>Mytilus trossulus</i> (L.) and 17-alpha ethinylestradiol (EE2). 2017 , 120, 58-67	23
637	Comparing test methods for granular activated carbon for organic micropollutant elimination. 2017 , 5, 2542-2551	9

636	Evaluation of the detoxification efficiencies of coking wastewater treated by combined anaerobic-anoxic-oxic (AO) and advanced oxidation process. 2017 , 338, 186-193	45
635	Occurrence, distribution, and attenuation of pharmaceuticals and personal care products in the riverside groundwater of the Beiyun River of Beijing, China. 2017 , 24, 15838-15851	43
634	Predation by <i>Bdellovibrio bacteriovorus</i> significantly reduces viability and alters the microbial community composition of activated sludge flocs and granules. 2017 , 93,	29
633	Pharmaceuticals removal by activated carbons: Role of morphology on cyclic thermal regeneration. 2017 , 321, 233-244	78
632	Laccases: A Blue Enzyme for Greener Alternative Technologies in the Detection and Treatment of Emerging Pollutants. 2017 , 45-65	3
631	Nanosensors for detection of pesticides in water. 2017 , 595-635	4
630	Effective adsorption of non-biodegradable pharmaceuticals from hospital wastewater with different carbon materials. 2017 , 320, 319-329	112
629	Municipal wastewater effluent licensing: A global perspective and recommendations for best practice. 2017 , 580, 1327-1339	18
628	Hydrochemical modelling of water quality in terms of emerging micropollutants in Mpumalanga, Gauteng and North West Provinces. 2017 , 100, 143-157	10
627	Heat-activated persulfate oxidation of methyl- and ethyl-parabens: Effect, kinetics, and mechanism. 2017 , 168, 1628-1636	96
626	Identification of critical contaminants in wastewater effluent for managed aquifer recharge. 2017 , 172, 294-301	19
625	Environmental impact of estrogens on human, animal and plant life: A critical review. 2017 , 99, 107-119	456
624	Surfactant-assisted synthesis of hierarchical NH ₂ -MIL-125 for the removal of organic dyes. 2017 , 7, 581-587	36
623	Sono-incorporation of CuO nanoparticles on the surface and into the mesoporous hexatitanate layers: Enhanced Fenton-like activity in degradation of orange-G at its neutral pH. 2017 , 399, 732-741	11
622	Fabrication of Anodic Titanium Oxide (ATO) for waste water treatment application. 2017 , 4, 6124-6128	2
621	Pharmacopollution and Household Waste Medicine (HWM): how reverse logistics is environmentally important to Brazil. 2017 , 24, 24061-24075	23
620	Psychoactive drugs: occurrence in aquatic environment, analytical methods, and ecotoxicity-a review. 2017 , 24, 24076-24091	38
619	A biological, chemical and pharmaceutical analysis of distillate quality from solar stills. 2017 , 119, 723-732	9

618	Electrochemically Generated cis-Carboxylato-Coordinated Iron(IV) Oxo Acid-Base Congeners as Promiscuous Oxidants of Water Pollutants. 2017 , 56, 14936-14947	21
617	High-energy oxidation process: an efficient alternative for wastewater organic contaminants removal. 2017 , 19, 1995-2006	20
616	Electrical energy per order and current efficiency for electrochemical oxidation of p-chlorobenzoic acid with boron-doped diamond anode. 2017 , 188, 304-311	73
615	Identification of antibiotics in wastewater: current state of extraction protocol and future perspectives. 2017 , 15, 982-1003	9
614	Investigation of full-scale ozonation at a municipal wastewater treatment plant using a toxicity-based evaluation concept. 2017 , 80, 1242-1258	20
613	Effects of constructed wetland design on ibuprofen removal - A mesocosm scale study. 2017 , 609, 38-45	48
612	Can radiation chemistry supply a highly efficient AO(R)P process for organics removal from drinking and waste water? A review. 2017 , 24, 20187-20208	31
611	Modelling cometabolic biotransformation of sulfamethoxazole by an enriched ammonia oxidizing bacteria culture. 2017 , 173, 465-473	15
610	Chitosan -Based Biosorbents: Modifications and Application for Sequestration of PPCPs and Metals for Water Remediation. 2017 , 1-25	1
609	Effects of organic, biological and colloidal fouling on the removal of pharmaceuticals and personal care products by nanofiltration and reverse osmosis membranes. 2017 , 542, 342-351	51
608	Biochar Production from Domestic Sludge: A Cost-effective, Recycled Product for Removal of Amoxicillin in Wastewater. 2017 , 225, 012164	5
607	Role of Membrane on Emerging Contaminant Removal. 2017 , 157-174	5
606	Removal of Estradiol Valerate and Progesterone using Powdered and Granular Activated Carbon from Aqueous Solutions. 2017 , 11, 695-705	18
605	Photoelectrocatalytic degradation of pharmaceutical carbamazepine using Sb-doped Sn80%-W20%-oxide electrodes. 2017 , 188, 52-59	24
604	Polysulfone Hollow Porous Granules Prepared from Wastes of Ultrafiltration Membranes as Sustainable Adsorbent for Water and Air Remediation. 2017 , 1, 1700019	5
603	Determination of emerging contaminants in aqueous matrices with hollow fiber-supported dispersive liquid-liquid microextraction (HF-DLLME) and separation/detection by liquid chromatography Diode array detection. 2017 , 130, 371-376	18
602	Preparation, characterization and catalytic activity of a novel mesoporous nanocrystalline MgO nanoparticle for ozonation of acetaminophen as an emerging water contaminant. 2017 , 310, 157-169	107
601	Paracetamol and salicylic acid removal from contaminated water by microalgae. 2017 , 203, 799-806	67

600	Regeneration of sulfamethoxazole-saturated activated carbon using gamma irradiation. 2017 , 130, 391-396	8
599	Trends in Asian Water Environmental Science and Technology. 2017 ,	1
598	Removal of Pharmaceuticals from Water Using Adsorption. 2017 , 105-114	1
597	Thermodynamic study of seven micropollutants adsorption onto an activated carbon cloth: Van't Hoff method, calorimetry, and COSMO-RS simulations. 2017 , 24, 10005-10017	11
596	Modeling the Retention of Organic Compounds by Nanofiltration and Reverse Osmosis Membranes Using Bootstrap Aggregated Neural Networks. 2017 , 42, 1443-1453	8
595	Photodegradation of 2-chloropyridine in aqueous solution: Reaction pathways and genotoxicity of intermediate products. 2017 , 321, 753-763	5
594	Submerged membrane filtration adsorption hybrid system for the removal of organic micropollutants from a water reclamation plant reverse osmosis concentrate. <i>Desalination</i> , 2017 , 401, 134-141	10.3 53
593	Raw and biologically treated paper mill wastewater effluents and the recipient surface waters: Cytotoxic and genotoxic activity and the presence of endocrine disrupting compounds. 2017 , 574, 78-89	32
592	Alkylphenol and alkylphenol polyethoxylates in water and wastewater: A review of options for their elimination. 2017 , 10, S3749-S3773	100
591	Review on Challenges and Limitations for Algae-Based Wastewater Treatment. 2017 , 20,	23
590	Review: Pharmaceutical and personal care products (PPCPs) as endocrine disrupting contaminants (EDCs) in South African surface waters. 2017 , 43, 684	31
589	Anaerobic Membrane Bioreactor Effluent Reuse: A Review of Microbial Safety Concerns. 2017 , 3, 39	23
588	Occurrence of Emerging Micropollutants in Water Systems in Gauteng, Mpumalanga, and North West Provinces, South Africa. 2017 , 14,	43
587	Overview on the Biochemical Potential of Filamentous Fungi to Degrade Pharmaceutical Compounds. 2017 , 8, 1792	82
586	Micropollutants in Wastewater: Fate and Removal Processes. 2017 ,	13
585	Comparative Assessment of Pharmaceutical Removal from Wastewater by the Microalgae <i>Chlorella sorokiniana</i> , <i>Chlorella vulgaris</i> and <i>Scenedesmus obliquus</i> . 2017 ,	6
584	In situ concentration-polarization-enhanced radical graft polymerization of NF270 for mitigating silica fouling and improving pharmaceutical and personal care product rejection. 2018 , 552, 387-395	16
583	Multi biomarker analysis of pollution effect on resident populations of blue mussels from the Baltic Sea. 2018 , 198, 240-256	15

582	Functionalized magnetic nanoparticles: Synthesis, characterization, catalytic application and assessment of toxicity. 2018 , 8, 6278	72
581	Assessment of several advanced oxidation processes applied in the treatment of environmental concern constituents from a real hair dye wastewater. 2018 , 6, 2794-2802	28
580	Life cycle environmental impacts of advanced wastewater treatment techniques for removal of pharmaceuticals and personal care products (PPCPs). 2018 , 215, 258-272	76
579	WITHDRAWN: A review on approaches for addressing the limitations of Fenton oxidation for recalcitrant wastewater treatment. 2018 ,	4
578	Removal of antiretroviral drugs stavudine and zidovudine in water under UV and UV/HO processes: Quantum yields, kinetics and ecotoxicology assessment. 2018 , 349, 195-204	25
577	A review of polymeric membranes and processes for potable water reuse. 2016 , 81, 209-237	304
576	Apple tree branches derived activated carbons for the removal of β -blocker atenolol. 2018 , 345, 669-678	32
575	Quantifying the influence of solute-membrane interactions on adsorption and rejection of pharmaceuticals by NF/RO membranes. 2018 , 551, 37-46	39
574	Improving the adsorption kinetics of ibuprofen on an activated carbon fabric through ultrasound irradiation: Simulation and experimental studies. 2018 , 343, 163-172	21
573	Of Dreamliners and Drinking Water: Developing Risk Regulation and a Safety Culture for Direct Potable Reuse. 2018 , 32, 511-525	9
572	Nanoadsorbents: An Approach Towards Wastewater Treatment. 2018 , 371-405	1
571	Highly Efficient Visible Light Active 2D-2D Nanocomposites of N-ZnO-g-C ₃ N ₄ for Photocatalytic Degradation of Diverse Industrial Pollutants. 2018 , 3, 1919-1932	63
570	Bar adsorptive microextraction (BAE) with a polymeric sorbent for the determination of emerging contaminants in water samples by ultra-high performance liquid chromatography with tandem mass spectrometry. 2018 , 10, 697-705	6
569	Sustainable periodically patterned carbon nanotube for environmental application: Introducing the cheetah skin structure. 2018 , 179, 429-440	16
568	LuminoTox as a tool to optimize ozone doses for the removal of contaminants and their associated toxicity. 2018 , 195, 713-721	1
567	Effect-directed analysis (EDA) of Danube River water sample receiving untreated municipal wastewater from Novi Sad, Serbia. 2018 , 624, 1072-1081	39
566	Poly(ether sulfone) Nanofibers Impregnated with β -Cyclodextrin for Increased Micropollutant Removal from Water. 2018 , 6, 2942-2953	26
565	Occurrence and fate of emerging contaminants in water environment: A review. 2018 , 6, 169-180	318

564	Biosafety assessment of municipal wastewater after treatment by <i>Serratia</i> sp. ISTVKR1. 2018 , 15, 2095-2106	3
563	A methodology for estimating concentrations of pharmaceuticals and personal care products (PPCPs) in wastewater treatment plants and in freshwaters. 2018 , 622-623, 1417-1430	35
562	Water contamination by endocrine disruptors: Impacts, microbiological aspects and trends for environmental protection. 2018 , 235, 546-559	118
561	Highly efficient recovery of graphene oxide by froth flotation using a common surfactant. 2018 , 135, 164-170	9
560	Assessment of biochemical alterations in the neotropical fish species <i>Phalloceros harpagos</i> after acute and chronic exposure to the drugs paracetamol and propranolol. 2018 , 25, 14899-14910	21
559	Removal of priority and emerging pollutants from aqueous media by adsorption onto synthetic organo-funtionalized high-charge swelling micas. 2018 , 164, 488-494	39
558	Intensification of the O ₃ /H ₂ O ₂ advanced oxidation process using a continuous tubular reactor filled with static mixers: Proof of concept. 2018 , 344, 574-582	18
557	Effects of operating and design parameters on ion exchange columns for nutrient recovery from urine. 2018 , 4, 828-838	11
556	Occurrence and removal of pharmaceutical compounds and steroids at four wastewater treatment plants in Hawai'i and their environmental fate. 2018 , 631-632, 1360-1370	24
555	Synthesis of carbon xerogels modified with amine groups and copper for efficient adsorption of caffeine. 2018 , 345, 13-21	25
554	Hierarchically porous, ultra-strong reduced graphene oxide-cellulose nanocrystal sponges for exceptional adsorption of water contaminants. 2018 , 10, 7171-7184	58
553	Mass fluxes per capita of organic contaminants from on-site sewage treatment facilities. 2018 , 201, 864-873	7
552	Elimination of Isoxazolyl-Penicillins antibiotics in waters by the ligninolytic native Colombian strain <i>Leptosphaerulina</i> sp. considerations on biodegradation process and antimicrobial activity removal. 2018 , 630, 1195-1204	32
551	Could EB irradiation be the simplest solution for removing emerging contaminants from water and wastewater?. 2018 , 13, 172-183	7
550	Photocatalytic Degradation of Caffeine in a Solar Reactor System. 2018 , 16,	4
549	Quantification and characterisation of activated carbon in activated sludge by thermogravimetric and evolved gas analyses. 2018 , 6, 2222-2231	9
548	Screening and risk management solutions for steroidal estrogens in surface and wastewater. 2018 , 102, 343-358	46
547	Ion cum molecularly dual imprinted polymer for simultaneous removal of cadmium and salicylic acid. 2018 , 31, e2630	16

546	Preparation and characterization of a PVA/PSf thin film composite membrane after incorporation of PSSMA into a selective layer and its application for pharmaceutical removal. 2018 , 192, 5-14	19
545	Enhanced photocatalytic degradation of bisphenol A with Ag-decorated S-doped g-C3N4 under solar irradiation: Performance and mechanistic studies. 2018 , 333, 739-749	143
544	17Estradiol induces cyto-genotoxicity on blood cells of common carp (Cyprinus carpio). 2018 , 191, 118-127	13
543	Generalized concentration addition accurately predicts estrogenic potentials of mixtures and environmental samples containing partial agonists. 2018 , 46, 294-303	14
542	Removal of Caffeine and Diclofenac from Aqueous Solution by Adsorption on Multiwalled Carbon Nanotubes. 2018 , 22, 25-28	73
541	Organic contaminants in African aquatic systems: Current knowledge, health risks, and future research directions. 2018 , 619-620, 1493-1514	85
540	Ecological risk assessment of a contaminated stream using multi-level integrated biomarker response in Carassius auratus. 2018 , 233, 429-438	51
539	A comparison between biostimulation and bioaugmentation in a solid treatment of anaerobic sludge: Drug content and microbial evaluation. 2018 , 72, 206-217	15
538	The New Generation from Biomembrane with Green Technologies for Wastewater Treatment. 2018 , 10,	10
537	Mini Review on the Structure and Properties (Photocatalysis), and Preparation Techniques of Graphitic Carbon Nitride Nano-Based Particle, and Its Applications. 2018 , 13, 388	83
536	Hollow fiber nanofiltration membranes with integrated aquaporin Z. 2018 , 42, 17769-17778	11
535	. 2018 ,	2
534	Membrane bioreactor and integrated membrane bioreactor systems for micropollutant removal from wastewater: A review. 2018 , 26, 314-328	135
533	Fate and Transport Modelling of Emerging Pollutants from Watersheds to Oceans: A Review. 2018 , 81, 97-128	6
532	Environmental Photocatalysis/Photocatalytic Decontamination. 2018 , 1-16	1
531	Influence of Ammonium Ions, Organic Load and Flow Rate on the UV/Chlorine AOP Applied to Effluent of a Wastewater Treatment Plant at Pilot Scale. 2018 , 15,	4
530	Particle size distribution as an emerging tool for the analysis of wastewater. 2018 , 7, 274-290	7
529	Spherical Bacterial Cellulose/TiO2 Nanocomposite with Potential Application in Contaminants Removal from Wastewater by Photocatalysis. 2018 , 19, 1861-1868	21

528	The role of surfactants in wastewater treatment: Impact, removal and future techniques: A critical review. 2018 , 147, 60-72	105
527	Natural and synthetic estrogens in leafy vegetable and their risk associated to human health. 2018 , 25, 36712-36723	7
526	Application of silica and germanium dioxide nanoparticles/ polyethersulfone blend membranes for removal of emerging micropollutants from water. 2018 , 108, 28-47	17
525	Adsorption Separation of Analgesic Pharmaceuticals from Ultrapure and Waste Water: Batch Studies Using a Polymeric Resin and an Activated Carbon. 2018 , 10,	12
524	Separating powdered activated carbon (PAC) from wastewater Technical process options and assessment of removal efficiency. 2018 , 6, 5744-5762	20
523	Chemical Regeneration of Manganese Oxide-Coated Sand for Oxidation of Organic Stormwater Contaminants. 2018 , 52, 10728-10736	23
522	Relating solute properties of contaminants of emerging concern and their rejection by forward osmosis membrane. 2018 , 639, 673-678	27
521	Mechanism of organic pollutants sorption from aqueous solution by cationic tunable organoclays. 2018 , 529, 90-99	15
520	Heterogeneous degradation of bisphenol A by peroxymonosulfate activated with vanadium-titanium magnetite: Performance, transformation pathways and mechanism. 2018 , 349, 633-645	93
519	Photolysis of Mono- and Dichloramines in UV/Hydrogen Peroxide: Effects on 1,4-Dioxane Removal and Relevance in Water Reuse. 2018 , 52, 11720-11727	15
518	Behavior of Micropollutants in Polishing Units that Combine Sorption and Biodegradation Mechanisms to Improve the Quality of Activated Sludge Effluent. 2018 , 229, 1	6
517	The use of combined treatments for reducing parabens in surface waters: Ion-exchange resin and nanofiltration. 2018 , 639, 228-236	14
516	Elucidation of ibuprofen uptake capability of raw and steam activated biochar of Aegle marmelos shell: Isotherm, kinetics, thermodynamics and cost estimation. 2018 , 118, 10-23	58
515	Degradation of Paracetamol and Its Oxidation Products in Surface Water by Electrochemical Oxidation. 2018 , 35, 1248-1254	14
514	Comparative Life Cycle Assessment of Advanced Wastewater Treatment Processes for Removal of Chemicals of Emerging Concern. 2018 , 52, 11346-11358	33
513	Quantitative-Structure-Activity-Relationship (QSAR) models for the reaction rate and temperature of nitrogenous organic compounds in supercritical water oxidation (SCWO). 2018 , 354, 12-20	19
512	Photodegradation of 17 β -Ethinylstradiol (EE2) on Nanostructured Material of Type WO3-SBA-15. 2018 , 229, 1	6
511	Downstream trends of in vitro bioassay responses in a wastewater effluent-dominated river. 2018 , 212, 182-192	11

510	Polyaniline-derived porous carbons: Remarkable adsorbent for removal of various hazardous organics from both aqueous and non-aqueous media. 2018 , 360, 163-171	36
509	Norfloxacin and Bisphenol-A Removal Using Temperature-Switchable Graphene Oxide. 2018 , 10, 29083-29091	20
508	Water Crisis: Bank Filtration and Aquifer Storage Recharge Systems as Possible Alternatives. 2018 , 22, 04018028	3
507	g-C3N4-Based Nanomaterials for Visible Light-Driven Photocatalysis. 2018 , 8, 74	141
506	Removal of Emerging Contaminants and Estrogenic Activity from Wastewater Treatment Plant Effluent with UV/Chlorine and UV/H ₂ O ₂ Advanced Oxidation Treatment at Pilot Scale. 2018 , 15,	19
505	Species in Wastewater Final Effluents and Receiving Watershed in South Africa: Implications for Public Health. 2018 , 15,	7
504	Removal Processes of Pharmaceuticals in Constructed Wetlands. 2018 , 343-403	2
503	Membrane Bioreactor for Pharmaceuticals and Personal Care Products Removal From Wastewater. 2018 , 81, 201-256	10
502	Ammonia Monooxygenase-Mediated Cometary Biotransformation and Hydroxylamine-Mediated Abiotic Transformation of Micropollutants in an AOB/NOB Coculture. 2018 , 52, 9196-9205	36
501	Carbamazepine as a Possible Anthropogenic Marker in Water: Occurrences, Toxicological Effects, Regulations and Removal by Wastewater Treatment Technologies. 2018 , 10, 107	82
500	Fluorene oxidation by solar-driven photo-Fenton process: toward mild pH conditions. 2018 , 25, 27808-27818	1
499	Sunlight mediated passive wastewater treatment technology using photochemical reduction of ferric iron for decontamination of various aqueous contaminants. 2018 , 173, 470-477	8
498	Facile One-Pot Synthesis of Ternary Copper-Tin-Chalcogenide Quantum Dots on Reduced Graphene Oxide for Enhanced Photocatalytic Activity. 2018 , 148, 3112-3118	4
497	Adsorptive removal of emerging pollutants from groundwater by using modified titanate nanotubes. 2018 , 6, 5332-5340	11
496	UV-LEDs floating-bed photoreactor for the removal of caffeine and paracetamol using ZnO supported on polystyrene pellets. 2018 , 350, 703-713	37
495	Size-Dependent Visible Light Photocatalytic Performance of Cu ₂ O Nanocubes. 2018 , 10, 3554-3563	33
494	The relevance of the design characteristics to the optimal operation of wastewater treatment plants: Energy cost assessment. 2018 , 222, 275-283	24
493	Polymeric catalytic membrane for ozone treatment of DEET in water. 2019 , 331, 53-59	13

492	Facile preparation of porous Mn/Fe ₃ O ₄ cubes as peroxymonosulfate activating catalyst for effective bisphenol A degradation. 2019 , 376, 119193		133
491	Endocrine-Disrupting Pollutants in Industrial Wastewater and Their Degradation and Detoxification Approaches. 2019 , 121-142		3
490	A comprehensive review on state-of-the-art photo-, sono-, and sonophotocatalytic treatments to degrade emerging contaminants. 2019 , 16, 601-628		45
489	Adsorption of organic pollutants by amine functionalized mesoporous silica in aqueous solution. Effects of pH, ionic strength and some consequences of APTES stability. 2019 , 7, 103325		26
488	Determination of Sulfamethoxazole Degradation Rate by an in Situ Experiment in a Reducing Alluvial Aquifer of the North China Plain. 2019 , 53, 10620-10628		7
487	Key physicochemical characteristics governing organic micropollutant adsorption and transport in ion-exchange membranes during reverse electrodialysis. <i>Desalination</i> , 2019 , 468, 114084	10.3	14
486	Green Analytical Chemistry. 2019 ,		13
485	Graphitic carbon nitride based Z scheme photocatalysts: Design considerations, synthesis, characterization and applications. 2019 , 79, 383-408		31
484	Ionic Liquids and Deep Eutectic Solvents in the Field of Environmental Monitoring. 2019 , 203-240		
483	Ag/AgCl nanoparticles decorated 2D-Bi ₁₂ O ₁₇ Cl ₂ plasmonic composites prepared without exotic chlorine ions with enhanced photocatalytic performance. 2019 , 477, 110538		8
482	Adsorption of 17β-estradiol onto humic-mineral complexes and effects of temperature, pH, and bisphenol A on the adsorption process. 2019 , 254, 112924		18
481	Opportunities and Challenges for the Sustainability of Lakes and Reservoirs in Relation to the Sustainable Development Goals (SDGs). 2019 , 11, 1462		38
480	Light-Induced Reactions of Chlorpromazine in the Presence of a Heterogeneous Photocatalyst: Formation of a Long-Lasting Sulfoxide. 2019 , 9, 627		5
479	Selective adsorption of oil on self-organized surface patterns formed over soft thin PDMS films. 2019 , 207, 970-979		3
478	Preliminary Review of Sources, Fate, Analytical Challenges and Regulatory Status of Emerging Organic Contaminants in Aquatic Environments in Selected African Countries. 2019 , 2, 573-585		9
477	Suspect, non-target and target screening of emerging pollutants using data independent acquisition: Assessment of a Mediterranean River basin. 2019 , 687, 355-368		32
476	The synergistic effect of graphene oxide and POSS in mixed matrix membranes for desalination. <i>Desalination</i> , 2019 , 472, 114131	10.3	8
475	Environmental applications of microalgae/cyanobacteria. 2019 , 47-62		

474	A Two-Hops State-Aware Routing Strategy Based on Deep Reinforcement Learning for LEO Satellite Networks. 2019 , 8, 920	8
473	A review of the application of sonophotocatalytic process based on advanced oxidation process for degrading organic dye. 2019 , 34, 365-375	12
472	Predictive model based on Adaptive Neuro-Fuzzy Inference System for estimation of Cephalexin adsorption on the Octenyl Succinic Anhydride starch. 2019 , 193, 103843	12
471	Operational parameters affecting the atrazine removal from water by using cyclodextrin based polymers as efficient adsorbents for cleaner technologies. 2019 , 16, 100454	17
470	Assessing a polluted river environment by oxidative stress biomarker responses in caddisfly larvae. 2019 , 696, 134005	4
469	Bacterial Community Structure Applied to Hormone Degradation. 2019 , 145, 04019086	1
468	Assessing the potential of fluorescence spectroscopy to monitor contaminants in source waters and water reuse systems. 2019 , 5, 370-382	23
467	Effect of sodium persulfate as electron acceptor on antipyrine degradation by solar TiO ₂ or TiO ₂ /rGO photocatalysis. 2019 , 364, 257-268	62
466	Determining binding of polycyclic aromatic hydrocarbons to CTABr micelles using semi-equilibrium dialysis techniques. 2019 , 172, 114-119	3
465	Surface water pollution by pharmaceuticals and an alternative of removal by low-cost adsorbents: A review. 2019 , 222, 766-780	211
464	Potential and Feasibility of the Microalgal System in Removal of Pharmaceutical Compounds from Wastewater. 2019 , 177-206	1
463	Macroporous membranes doped with micro-mesoporous Cyclodextrin polymers for ultrafast removal of organic micropollutants from water. 2019 , 222, 114970	17
462	Removal and transport behavior of trace organic compounds and degradation byproducts in forward osmosis process: Effects of operation conditions and membrane properties. 2019 , 375, 122030	16
461	Effect of fullerol nanoparticles on the transport and release of copper ions in saturated porous media. 2019 , 26, 15255-15261	0
460	Evaluation of a constructed wetland for wastewater treatment: Addressing emerging organic contaminants and antibiotic resistant bacteria. 2019 , 52, 94-103	27
459	Aptitude of Oxidative Enzymes for Treatment of Wastewater Pollutants: A Laccase Perspective. 2019 , 24,	59
458	Biological Treatment Processes for the Removal of Organic Micropollutants from Wastewater: a Review. 2019 , 5, 112-128	64
457	Polypyrrole nanotubes for electrochemically controlled extraction of atrazine, caffeine and progesterone. 2019 , 186, 398	4

456	Improvement of the adsorption properties of an activated carbon coated by titanium dioxide for the removal of emerging contaminants. 2019 , 31, 100876	22
455	Effects of waterborne luteinizing hormone and follicle-stimulating hormone on reproduction of the rotifer <i>Brachionus calyciflorus</i> (Monogononta: Brachionidae). 2019 , 55, 10	
454	Application of Microalgae in Wastewater Treatment. 2019 ,	6
453	Significance of Electronic Waste Management for Sustainable Industrial Production. 2019 , 241-249	
452	Ozone microbubble-aided intensification of degradation of naproxen in a plant prototype. 2019 , 7, 103102	19
451	Discussion on "Challenges and new methods for designing reliability experiments" 2019 , 31, 125-128	2
450	Studies on estrone biodegradation potential of cyanobacterial species. 2019 , 17, 576-582	17
449	Pharmaceuticals and personal care products in aquatic environment: chemicals of emerging concern?. 2019 , 63-85	4
448	Uptake and accumulation of pharmaceuticals and personal care products in leafy vegetables. 2019 , 87-113	3
447	Advanced Porous Materials for Sensing, Capture and Detoxification of Organic Pollutants toward Water Remediation. 2019 , 7, 7456-7478	109
446	Removal of contaminants of emerging concern by metal-organic framework nanoadsorbents: A review. 2019 , 369, 928-946	192
445	Oxidation mechanisms of amoxicillin and paracetamol in the photo-Fenton solar process. 2019 , 156, 232-240	58
444	Pharmaceuticals of Emerging Concern in Aquatic Systems: Chemistry, Occurrence, Effects, and Removal Methods. 2019 , 119, 3510-3673	679
443	Heterogeneous Fenton Oxidation of Caffeine Using Zeolite-Supported Iron Nanoparticles. 2019 , 44, 315-328	6
442	110th Anniversary: Polyamide/Metal-Organic Framework Bilayered Thin Film Composite Membranes for the Removal of Pharmaceutical Compounds from Water. 2019 , 58, 4222-4230	27
441	Phytoremediation: An Alternative Tool Towards Clean and Green Environment. 2019 , 87-109	5
440	Applications of Membrane Bioreactors in Biotechnology Processes. 2019 , 223-257	4
439	High-efficiency photocatalytic performance and mechanism of silver-based metal-organic framework. 2019 , 34, 991-998	11

438	On the importance of mechanisms analysis in the degradation of micropollutants by laccases: The case of Remazol Brilliant Blue R. 2019 , 14, 100324	10
437	Exploring the interactions of organic micropollutants with polyamide nanofiltration membranes: A molecular docking study. 2019 , 577, 285-293	25
436	Metabolomic responses to pre-chlorinated and final effluent wastewater with the addition of a sub-lethal persistent contaminant in <i>Daphnia magna</i> . 2019 , 26, 9014-9026	13
435	Impact of Pollution on Rivers in Montenegro: Ecotoxicological Perspective. 2019 , 111-133	
434	Parabens Adsorption onto Activated Carbon: Relation with Chemical and Structural Properties. 2019 , 24,	9
433	Characterizing solids retention, head loss development and micropollutant removal in the case of direct powdered activated carbon dosage upstream of deep bed filtration. 2019 , 5, 2172-2181	5
432	Enhanced Degradation of Pharmaceutical Compounds by a Microbubble Ozonation Process: Effects of Temperature, pH, and Humic Acids. 2019 , 12, 4373	7
431	UV and visible-light driven photocatalytic removal of caffeine using ZnO modified with different noble metals (Pt, Ag and Au). 2019 , 112, 251-260	44
430	Graphitic Carbon Nitride with Carbon Vacancies for Photocatalytic Degradation of Bisphenol A. 2019 , 2, 517-524	46
429	Actinia-like multifunctional nanocoagulant for single-step removal of water contaminants. 2019 , 14, 64-71	55
428	Degradation of dimethyl phthalate by activating peroxymonosulfate using nanoscale zero valent tungsten: Mechanism and degradation pathway. 2019 , 359, 138-148	30
427	Removal of phenolic compounds from industrial waste water based on membrane-based technologies. 2019 , 71, 1-18	134
426	Analytical approach on surface active agents in the environment and challenges. 2019 , 21, e00061	19
425	Cultures under stress: A cross-national meta-analysis of cortisol responses to the Trier Social Stress Test and their association with anxiety-related value orientations and internalizing mental disorders. 2019 , 105, 147-154	19
424	Tailoring Covalent Organic Frameworks To Capture Water Contaminants. 2019 , 25, 6461-6473	36
423	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. 2019 , 38, 46-60	81
422	Equilibrium and kinetic studies of caffeine adsorption from aqueous solutions on thermally modified Verde-lodo bentonite. 2019 , 168, 366-373	40
421	Modification strategies for enhancing the visible light responsive photocatalytic activity of the BiPO ₄ nano-based composite photocatalysts. 2019 , 9, 546-566	29

420	Influences of multi influent matrices on the retention of PPCPs by nanofiltration membranes. 2019 , 212, 299-306	42
419	Porous polydimethylsiloxane membranes loaded with low-temperature crystallized TiO ₂ NPs for detachable antibacterial films. 2019 , 54, 1665-1676	8
418	Innovative application of biobed bioremediation systems to remove emerging contaminants: Adsorption, degradation and bioaccessibility. 2019 , 651, 990-997	27
417	Oxidation of bisphenol A by persulfate via Fe ₃ O ₄ -MnO ₂ nanoflower-like catalyst: Mechanism and efficiency. 2019 , 357, 337-347	96
416	Using in situ modification to enhance organic fouling resistance and rejection of pharmaceutical and personal care products in a thin-film composite nanofiltration membrane. 2019 , 26, 34073-34084	11
415	Removal of pharmaceuticals from municipal wastewater by adsorption onto pyrolyzed pulp mill sludge. 2019 , 12, 3611-3620	37
414	Purification of crude oil contaminated water using fly ash/clay. 2019 , 30, 100471	4
413	Comparative removal of emerging contaminants from aqueous solution by adsorption on an activated carbon. 2019 , 40, 3017-3030	47
412	Occurrence, control and fate of contaminants of emerging concern in environmental compartments in Brazil. 2019 , 372, 17-36	92
411	Sources, behaviour and health risks of antimicrobial resistance genes in wastewaters: A hotspot reservoir. 2020 , 8, 102220	26
410	Assessing the Transport of Pharmaceutical Compounds in a Layered Aquifer Discharging to a Stream. 2020 , 58, 208-223	4
409	Metal-free carbon materials as catalysts for wet air oxidation. 2020 , 356, 189-196	9
408	Effect of organic matter release from natural cork used on bisphenol a removal from aqueous solution. 2020 , 244, 118675	7
407	Removal of hazardous micropollutants from treated wastewater using cyclodextrin bead polymer - A pilot demonstration case. 2020 , 383, 121181	31
406	Cryogels with high cisplatin adsorption capacity: Towards removal of cytotoxic drugs from wastewater. 2020 , 235, 116203	17
405	Electrocatalytic generation of homogeneous and heterogeneous hydroxyl radicals for cold mineralization of anti-cancer drug Imatinib. 2020 , 383, 123155	27
404	Fugacity modelling of the fate of micropollutants in aqueous systems - Uncertainty and sensitivity issues. 2020 , 699, 134249	7
403	Sensors in Water Pollutants Monitoring: Role of Material. 2020 ,	15

402	Complete removal of endocrine disrupting compound and toxic dye by visible light active porous g-CN/H-ZSM-5 nanocomposite. 2020 , 241, 124981	56
401	Kinetics of ozonation and mass transfer of pharmaceuticals degraded by ozone fine bubbles in a plant prototype. 2020 , 56, 385-397	5
400	Nonparametric link functions with shape constraints in stochastic degradation processes: Application to emerging contaminants. 2020 , 52, 370-384	2
399	High-flux zwitterionic nanofiltration membrane constructed by in-situ introduction method for monovalent salt/antibiotics separation. 2020 , 593, 117441	63
398	Facile fabricate of novel Co(OH)F@MXenes catalysts and their catalytic activity on bisphenol A by peroxymonosulfate activation: The reaction kinetics and mechanism. 2020 , 262, 118099	47
397	Development of a separation framework for effects-based targeted and non-targeted toxicological screening of water and wastewater. 2020 , 170, 115289	7
396	Reaction intermediates during the photocatalytic degradation of emerging contaminants under visible or solar light. 2020 , 163-193	
395	Nanoparticles applied in membrane bioreactors: potential impact on reactor performance and microbial communities. 2020 , 207-236	2
394	Occurrence and potential risks of emerging contaminants in water. 2020 , 1-25	2
393	Detection, identification and determination of chiral pharmaceutical residues in wastewater: Problems and challenges. 2020 , 122, 115710	24
392	Bio-electro-Fenton systems for sustainable wastewater treatment: mechanisms, novel configurations, recent advances, LCA and challenges. An updated review. 2020 , 95, 2083-2097	18
391	Applied Injected Air into Subsurface Drip Irrigation: Plant Uptake of Pharmaceuticals and Soil Microbial Communities. 2020 , 146, 06019008	3
390	Metabolomics approach reveals disruption of metabolic pathways in the marine bivalve <i>Mytilus galloprovincialis</i> exposed to a WWTP effluent extract. 2020 , 712, 136551	21
389	Chitosan/AlO-HA nanocomposite beads for efficient removal of estradiol and chrysoidin from aqueous solution. 2020 , 145, 686-693	18
388	Distorted polymeric carbon nitride via carriers transfer bridges with superior photocatalytic activity for organic pollutants oxidation and hydrogen production under visible light. 2020 , 386, 121947	75
387	Efficient removal of 2,4-dichlorophenol from contaminated water and alleviation of membrane fouling by high flux polysulfone-iron oxide/graphene oxide composite hollow fiber membranes. 2020 , 33, 101113	18
386	Catalytic ozonation of Bisphenol A in aqueous solution by Fe ₃ O ₄ /MnO ₂ magnetic composites: Performance, transformation pathways and mechanism. 2020 , 245, 116449	32
385	Construction of a stable zwitterionic layer on negatively-charged membrane via surface adsorption and cross-linking. 2020 , 597, 117766	11

- 384 Polymer supports for the removal and degradation of hazardous organic pollutants: an overview. **2020**, 69, 333-345 7
- 383 State of the art on the photocatalytic applications of graphene based nanostructures: From elimination of hazardous pollutants to disinfection and fuel generation. **2020**, 8, 103505 21
- 382 Toxicity assessment of municipal sewage treatment plant effluent by an integrated biomarker response in the liver of crucian carp (*Carassius auratus*). **2020**, 27, 7280-7288 5
- 381 Pharmaceuticals residues and xenobiotics contaminants: Occurrence, analytical techniques and sustainable alternatives for wastewater treatment. **2020**, 705, 135568 87
- 380 Sustainable production of nanoporous carbons: Kinetics and equilibrium studies in the removal of atrazine. **2020**, 562, 252-267 13
- 379 Anaerobic-aerobic biofilm-based digestion of chemical contaminants of emerging concern (CEC) and pathogen indicator organisms in synthetic wastewater. **2020**, 299, 122554 2
- 378 An efficient photocatalytic degradation of organic dyes under visible light using zinc stannate (Zn_2SnO_4) nanorods prepared by microwave irradiation. **2020**, 21, 100410 12
- 377 Occurrence and risk assessment of azole antifungal drugs in water and wastewater. **2020**, 187, 109868 24
- 376 Preparation of phosphorus based hyper cross-linked polymers and adsorption of salicylic acid from aqueous solution. **2020**, 1221, 128804 2
- 375 Selection of the Most Feasible Wastewater Treatment Technology in Pakistan Using Multi-Criteria Decision-Making (MCDM). **2020**, 5, 199-213 8
- 374 Enhancement of bisphenol A degradation by accelerating the Fe(III)/Fe(II) cycle in graphene oxide modified Fe(III)/peroxymonosulfate system under visible light irradiation. **2020**, 580, 540-549 12
- 373 Oxidation of Selected Trace Organic Compounds through the Combination of Inline Electro-Chlorination with UV Radiation (UV/EC12) as Alternative AOP for Decentralized Drinking Water Treatment. **2020**, 12, 3275 1
- 372 Adsorption behaviour of estrogenic contaminant, estriol, using Saponin and Brij 35 modified clinoptilolite: equilibrium, kinetic, and thermodynamic studies plus fixed bed modelling. **2020**, 67, 62 1
- 371 Superficial visible-light-responsive Pt@ZnO nanorods photocatalysts for effective remediation of ciprofloxacin in water. **2020**, 22, 1 8
- 370 Fate of micropollutants in chemically enhanced primary treatment using recovered coagulants. **2020**, 269, 110815 5
- 369 Ecotoxicological effects of micropollutant-loaded powdered activated carbon emitted from wastewater treatment plants on *Daphnia magna*. **2020**, 746, 141104 6
- 368 Mitigation of clofibric acid pollution by adsorption: A review of recent developments. **2020**, 8, 104264 39
- 367 Effect of pH on the transport and adsorption of organic micropollutants in ion-exchange membranes in electro dialysis-based desalination. **2020**, 252, 117487 5

366	Wastewater treatment based in microalgae. 2020 , 165-184	
365	Common wastewater contaminants versus emerging ones. 2020 , 19-46	2
364	Pharmaceuticals and personal care products in water and wastewater: a review of treatment processes and use of photocatalyst immobilized on functionalized carbon in AOP degradation. 2020 , 14, 62	24
363	Sorption of pharmaceuticals and personal care products (PPCPs) onto a sustainable cotton based adsorbent. 2020 , 18, 100324	7
362	Solar light-induced photocatalytic degradation of methylparaben by g-C3N4 in different water matrices. 2020 , 95, 2811-2821	7
361	Activated Carbon from Spent Coffee Grounds: A Good Competitor of Commercial Carbons for Water Decontamination. 2020 , 10, 5598	7
360	New Eco-Materials Derived from Waste for Emerging Pollutants Adsorption: The Case of Diclofenac. 2020 , 13,	3
359	Energy Benchmarking and Optimization of Wastewater Treatment Plants in Greece. 2020 , 2, 36	6
358	The Rivers of Montenegro. 2020 ,	9
357	Antibiotic Resistance in the Environment. 2020 ,	1
356	Removal of caffeine from aqueous solution by green approach using Ficus Benjamina zero-valent iron/copper nanoparticles. 2020 , 38, 325-343	10
355	Transformation of Contaminants of Emerging Concern (CECs) during UV-Catalyzed Processes Assisted by Chlorine. 2020 , 10, 1432	4
354	Graphene in different extraction techniques. 2020 , 91, 49-72	1
353	Prospectives and challenges of wastewater treatment technologies to combat contaminants of emerging concerns. 2020 , 152, 105882	32
352	Emerging contaminants as global environmental hazards. A bibliometric analysis. 2020 , 6, 179-193	35
351	Removal of triclosan in municipal wastewater by using an enzymatic method. 2020 , 471, 012012	
350	A systematic review on carbohydrate biopolymers for adsorptive remediation of copper ions from aqueous environments-part A: Classification and modification strategies. 2020 , 738, 139829	48
349	Membrane distillation for the removal of micro-pollutants. 2020 , 253-280	

348	Pore wetting in membrane distillation treatment of municipal wastewater desalination brine and its mitigation by foam fractionation. 2020 , 257, 127214	18
347	Electrospun Nanofibrous Membranes for Water Treatment. 2020 ,	4
346	On the Degradation of 17- β -Estradiol Using Boron Doped Diamond Electrodes. 2020 , 8, 710	6
345	Adsorption of catechol and hydroquinone on titanium oxide and iron (III) oxide. 2020 , 8, 104180	11
344	Sample pre-treatment and analytical methodology for the simultaneous determination of pharmaceuticals and personal care products in sewage sludge. 2020 , 258, 127273	9
343	Rapid remediation of pharmaceuticals from wastewater using magnetic FeO/Douglas fir biochar adsorbents. 2020 , 258, 127336	30
342	Anaerobic membrane bioreactors for antibiotic wastewater treatment. 2020 , 219-239	3
341	Nanotechnology and remediation of agrochemicals. 2020 , 487-533	1
340	Micro-pollutants in surface water: Impacts on the aquatic environment and treatment technologies. 2020 , 41-62	3
339	Advanced membrane bioreactors for emerging contaminant removal and quorum sensing control. 2020 , 117-147	3
338	Industrial Textile Wastewater Ozone Treatment: Catalyst Selection. 2020 , 10, 611	5
337	A Novel Approach in Crude Enzyme Laccase Production and Application in Emerging Contaminant Bioremediation. 2020 , 8, 648	5
336	Caffeine reduces the toxicity of albendazole and carbamazepine to the microalgae <i>Raphidocelis subcapitata</i> (Sphaeropleales, Chlorophyta). 2020 , 105, 151	2
335	Personal care products as an endocrine disrupting compound in the aquatic environment. 2020 , 91-144	3
334	Enhancement of ozonation of seawater-based wastewater containing pharmaceutical compounds by total residual oxidants: Salinity, ammonia, and organic matter. 2020 , 259, 127513	7
333	The effect of debris on the adsorption and electron-transfer capacity at the interface of oxidized carbon nanotubes. 2020 , 388, 124379	8
332	Recent advances on the development and application of magnetic activated carbon and char for the removal of pharmaceutical compounds from waters: A review. 2020 , 718, 137272	52
331	Using yeast to sustainably remediate and extract heavy metals from waste waters. 2020 , 3, 303-311	29

330	Herbul black henna (hair dye) causes cardiovascular defects in zebrafish (Danio rerio) embryo model. 2020 , 27, 14150-14159	10
329	Highly selective heteroaromatic sulfur containing polyamides for Hg environmental remediation. 2020 , 23, 25-39	1
328	Microbial electrochemistry for bioremediation. 2020 , 1, 100013	45
327	Assessment of the potential ecological risk of residual endocrine-disrupting chemicals from wastewater treatment plants. 2020 , 714, 136689	14
326	The use of peracetic acid for estrogen removal from urban wastewaters: E2 as a case study. 2020 , 192, 114	4
325	Surface modification of aluminum phosphate by sodium dodecylbenzenesulfonate (SDBS): A new nano-structured adsorbent for an improved removal of Ponceau S. 2020 , 8, 103625	7
324	Metformin Removal from Water Using Fixed-bed Column of Silica-Alumina Composite. 2020 , 597, 124814	6
323	Specific adsorption sites and conditions derived by thermal decomposition of activated carbons and adsorbed carbamazepine. 2020 , 10, 6695	5
322	Alternative techniques for caffeine removal from wastewater: An overview of opportunities and challenges. 2020 , 35, 101231	44
321	Removal of pharmaceutical compounds from aqueous solution by novel activated carbon synthesized from lovegrass (Poaceae). 2020 , 27, 21442-21454	7
320	Prospective of nanotechnology in degradation of waste water: A new challenges. 2020 , 22, 100442	30
319	Emerging pollutants (EPs) in Latin Amēica: A critical review of under-studied EPs, case of study -Nonylphenol. 2020 , 726, 138493	25
318	Carbon Xerogels for Effluent Treatment. 2020 , 65, 2255-2270	4
317	Mitigating Antimicrobial Resistance Risks When Using Reclaimed Municipal Wastewater for Agriculture. 2020 , 245-265	
316	Enhanced Photocatalytic Activity of Electrospun PAN/Ag-G NFs Under Solar Irradiation for Effective Degradation of Hazardous Organic Dyes. 2020 , 5, 3897-3905	3
315	Retention of organic micro-pollutants by sorption processes. 2020 , 331-362	
314	Municipal wastewater treatment with pond technology: Historical review and future outlook. 2020 , 148, 105791	24
313	Amoxicillin removal using polyethersulfone hollow fiber membranes blended with ZIF-L nanoflakes and cGO nanosheets: Improved flux and fouling-resistance. 2020 , 8, 103973	11

312	Novel broad-spectrum-driven oxygen-linked band and porous defect co-modified orange carbon nitride for photodegradation of Bisphenol A and 2-Mercaptobenzothiazole. 2020 , 396, 122659	11
311	Photoactive polymer membranes for degradation of pharmaceuticals from water. 2021 , 364, 256-262	2
310	An overview on recent developments in synthesis and molecular level structure of visible-light responsive g-C ₃ N ₄ photocatalyst towards environmental remediation. 2021 , 35, 150-155	2
309	Water compatible functionalized chitosan-based 4-HBA mimic imprinted polymer as a potential sorbent for salicylic acid. 2021 , 56, 694-707	2
308	Fate and Transport of Subsurface Pollutants. 2021 ,	1
307	Drinking water pollutants may affect the immune system: concerns regarding COVID-19 health effects. 2021 , 28, 1235-1246	21
306	Hydroxylamine driven advanced oxidation processes for water treatment: A review. 2021 , 262, 128390	15
305	Emerging contaminants in the water bodies of the Middle East and North Africa (MENA): A critical review. 2021 , 754, 142177	26
304	A review of advances in EDCs and PhACs removal by nanofiltration: Mechanisms, impact factors and the influence of organic matter. 2021 , 406, 126722	34
303	Adsorption of Organic Compounds on Minerals. 2021 , 225-261	
302	Removal of pharmaceuticals and personal care products (PPCPs) and environmental estrogens (EEs) from water using positively charged hollow fiber nanofiltration membrane. 2021 , 28, 8486-8497	6
301	Photocatalytic degradation of bisphenol A using titanium dioxide@nanodiamond composites under UV light illumination. 2021 , 582, 1058-1066	67
300	Microbial community and molecular ecological network in the EGSB reactor treating antibiotic wastewater: Response to environmental factors. 2021 , 208, 111669	6
299	Hybridly charged NF membranes with MOF incorporated for removing low-concentration surfactants. 2021 , 258, 118069	4
298	A critical review of advanced oxidation processes for emerging trace organic contaminant degradation: Mechanisms, factors, degradation products, and effluent toxicity. 2021 , 40, 101778	22
297	Semiconductor based photocatalysts for detoxification of emerging pharmaceutical pollutants from aquatic systems: A critical review. 2021 , 3, 25-46	24
296	Ozone-based regeneration of granular zeolites loaded with acetaminophen. 2021 , 256, 117616	4
295	Comparison of life cycle toxicity assessment methods for municipal wastewater treatment with the inclusion of direct emissions of metals, PPCPs and EDCs. 2021 , 756, 143849	13

294	Reevaluation of the contributions of reactive intermediates to the photochemical transformation of 17 β -estradiol in sewage effluent. 2021 , 189, 116633	3
293	Removal of paracetamol in the presence of iron(III) complexes of glutamic and lactic acid in aqueous solution under NUV irradiation. 2021 , 261, 118195	2
292	Application of bionanoparticles in wastewater treatment. 2021 , 177-197	2
291	Adsorption at Natural Minerals/Water Interfaces. 2021 ,	2
290	An Insight into Biological and Chemical Technologies for Micropollutant Removal from Wastewater. 2021 , 199-226	6
289	A review on effective removal of emerging contaminants from aquatic systems: Current trends and scope for further research. 2021 , 409, 124413	104
288	Organically functionalized bentonite for the removal of perfluorooctane sulfonate, phenanthrene and copper mixtures from wastewater. 2021 , 200, 105883	6
287	Autopsy, thanatopraxy, cemeteries and crematoria as hotspots of toxic organic contaminants in the funeral industry continuum. 2021 , 753, 141819	18
286	Evaluation of Menthol-Based Hydrophobic Deep Eutectic Solvents for the Extraction of Bisphenol A from Environment Water. 2021 , 54, 1533-1545	7
285	Engineered Nanomaterials for Emerging Contaminant Removal from Wastewater. 2021 , 2247-2267	
284	From Nano- to Macrostructured Carbon Catalysts for Water and Wastewater Treatment. 2021 , 273-308	
283	Recent Advances in the Rejection of Endocrine-Disrupting Compounds from Water Using Membrane and Membrane Bioreactor Technologies: A Review. 2021 , 13,	18
282	Remediation of Emerging Contaminants. 2021 , 1-106	2
281	Recent developments in forward osmosis and its implication in expanding applications. 2021 , 149-186	1
280	Devising and Exploiting Functionalities of Nanocomposites for Removal of Organic Pollutants and for Disinfection. 2021 , 2153-2178	
279	Pharmaceutical residues in the pristine Antarctic ecosystem. 2021 , 379-401	1
278	Fe-Based Nanomaterials for Removing the Environmental Endocrine Disrupting Chemicals in Water: A Review. 2021 , 261-292	
277	Enhanced photodegradation of paracetamol from water by cobalt doped graphitic carbon nitride. 2021 , 215, 151-156	9

276	Removal of pharmaceutical and personal care products (PPCPs) from wastewater using microalgae: A review. 2021 , 403, 124041	97
275	Non-steady diffusion and adsorption of organic micropollutants in ion-exchange membranes: effect of the membrane thickness. 2021 , 24, 102095	3
274	Adsorption of diclofenac sodium by composite beads prepared from tannery wastes-derived gelatin and carbon nanotubes. 2021 , 9, 105030	20
273	Isolation of Industrial Important Bioactive Compounds from Microalgae. 2021 , 26,	22
272	A brief commentary on activated carbon material as an efficient low-cost material for water decontamination. 2021 , 2, 37-55	
271	Recent Trends in Adsorbent-Based Microextraction of Micropollutants in Environmental Waters. 2021 , 7, 89-103	2
270	Metal organic framework derived magnetically recoverable CuFe ₂ O ₄ porous cubes for efficient photocatalytic application. 2021 , 125, 108405	6
269	Electro-Fenton technology for wastewater treatment: A bibliometric analysis of current research trends, future perspectives and energy consumption analysis. 2021 , 40, 101952	18
268	Review on Recent Advances of Synthesis, Magnetic Properties, and Water Treatment Applications of Cobalt Ferrite Nanoparticles and Nanocomposites. 2021 , 34, 995-1018	10
267	Efficacy of atrazine pesticide reduction in aqueous solution using activated carbon, ozone and a combination of both. 2021 , 764, 144301	8
266	Cyclodextrin self-assembled graphene oxide aerogel microspheres as broad-spectrum adsorbent for removing dyes and organic micropollutants from water. 2021 , 9, 104749	8
265	A microstructured catalyst made of prussian blue analogues/copper foam for effective reduction of 4-nitrophenol. 2021 , 121, 197-204	3
264	Constructed wetlands operated as bioelectrochemical systems for the removal of organic micropollutants. 2021 , 271, 129593	9
263	New tyrosinases with putative action against contaminants of emerging concern. 2021 , 89, 1180-1192	2
262	Wastewater Treatment and Reuse: a Review of its Applications and Health Implications. 2021 , 232, 1	16
261	Current Trends in the Application of Nanomaterials for the Removal of Pollutants from Industrial Wastewater Treatment-A Review. 2021 , 26,	16
260	Treated Wastewater Irrigation A Review. 2021 , 13, 1527	17
259	Recognition and Sequestration of Toxic Inorganic Water Pollutants with Hydrolytically Stable Metal-Organic Frameworks. 2021 , 21, 1666-1680	7

258	Applications of Microbes in Bioremediation of Point Source Pollutants from Wastewater. 2021 , 796, 012039	0
257	Zwitterionic monolayer grafted ceramic membrane with an antifouling performance for the efficient oil/water separation. 2021 ,	1
256	Estrogenic activity in reused water: comparison of concentration methods. 2021 , 5, 125-130	
255	Sonochemistry for Water Remediation: Toward an Up-Scaled Continuous Technology. 2021 , 437-467	0
254	Fate of PAHs under subcritical and supercritical conditions in landfill leachate: Removal or formation?. 2021 , 414, 128762	5
253	Activated carbon-based coloured titania nanoparticles with high visible radiation absorption and excellent photoactivity in the degradation of emerging drugs of wastewater. 2021 , 178, 753-766	6
252	Modification of cyclodextrin and use in environmental applications. 2021 , 1	6
251	Advanced oxidation of landfill leachate: Removal of micropollutants and identification of by-products. 2021 , 413, 125326	12
250	Adsorption of Estradiol by Natural Clays and Daphnia magna as Biological Filter in an Aqueous Mixture with Emerging Contaminants. 2021 , 2, 312-324	1
249	UVLED driven photodegradation of organic dye and antibiotic using strontium titanate nanostructures. 2021 , 32, 21093-21105	3
248	Effects of microplastics on the removal of trace organic compounds during ozonation: Oxidation and adsorption of trace organic compounds and byproducts. 2021 , 280, 116878	3
247	Adsorptive decontamination of antibiotic-spiked water and milk using commercial and modified activated carbons. 2021 , 9, 105544	5
246	A review on occurrences, eco-toxic effects, and remediation of emerging contaminants from wastewater: Special emphasis on biological treatment based hybrid systems. 2021 , 9, 105282	28
245	Technology Advances in Phenol Removals: Current Progress and Future Perspectives. 2021 , 11, 998	2
244	Facile Fabrication of Novel SrMoO ₄ /g-C ₃ N ₄ Hybrid Composite for High-Performance Photocatalytic Degradation of Dye Pollutant under Sunlight. 2021 , 6, 7711-7721	1
243	Model Based Simulation and Genetic Algorithm Based Optimisation of Spiral Wound Membrane RO Process for Improved Dimethylphenol Rejection from Wastewater. 2021 , 11,	4
242	A review on remedial measures for effective separation of emerging contaminants from wastewater. 2021 , 23, 101741	16
241	Influence of Solute Molecular Diameter on Permeability-Selectivity Tradeoff of Thin-Film Composite Polyamide Membranes in Aqueous Separations. 2021 , 201, 117311	6

240	Recent developments in physical, biological, chemical, and hybrid treatment techniques for removing emerging contaminants from wastewater. 2021 , 416, 125912	69
239	Removal of ibuprofen from aqueous media by adsorption: A comprehensive review. 2021 , 780, 146608	54
238	Defective graphene nanosheets for drinking water purification: Adsorption mechanism, performance, and recovery. 2021 , 29, 100283	2
237	Photocatalytic Removal of Pharmaceuticals from Greywater. 2021 , 11, 1125	3
236	A review of ecotoxicity reduction in contaminated waters by heterogeneous photocatalytic ozonation. 2021 , 787, 147645	6
235	Emerging and advanced membrane technology for wastewater treatment: A review. 2021 ,	6
234	Use of combined UASB + eMBR treatment for removal of emerging micropollutants and reduction of fouling.	1
233	Contemporary Techniques for Remediating Endocrine-Disrupting Compounds in Various Water Sources: Advances in Treatment Methods and Their Limitations. 2021 , 13,	3
232	Dissolved rubidium to strontium ratio as a conservative tracer for wastewater effluent-sourced contaminant inputs near a major urban wastewater treatment plant. 2021 , 205, 117691	2
231	Surface modification of nanofiltration membranes to improve the removal of organic micropollutants: Linking membrane characteristics to solute transmission. 2021 , 203, 117520	6
230	Gd ³⁺ doped BiVO ₄ and visible light-emitting diodes (LED) for photocatalytic decomposition of bisphenol A, bisphenol S and bisphenol AF in water. 2021 , 9, 105842	2
229	Au-SnO-CdS ternary nanoheterojunction composite for enhanced visible light-induced photodegradation of imidacloprid. 2021 , 201, 111586	5
228	Extractive removal and recovery of bisphenol A from aqueous solutions using terpenoids and hydrophobic eutectic solvents. 2021 , 9, 106128	3
227	Emerging contaminants in wastewater: A critical review on occurrence, existing legislations, risk assessment, and sustainable treatment alternatives. 2021 , 9, 105966	33
226	Biomimetic estrogen sensor based on soft colloidal probes. 2021 , 192, 113506	0
225	Facile synthesis of copper-based bimetallic oxides for efficient removal of bisphenol a via Fenton-like degradation. 2021 , 279, 119724	6
224	A two-year study of emerging micro-pollutants and drugs of abuse in two Western Cape wastewater treatment works (South Africa). 2021 , 285, 131460	1
223	Critical review and comprehensive analysis of trace organic compound (TOC) removal with polyamide RO/NF membranes: Mechanisms and materials. 2022 , 427, 130957	6

222	Removal of emerging contaminants from wastewater through bionanotechnology. 2022 , 669-688	1
221	Improvement of wastewater and water quality via a full-scale ozonation plant? - A comprehensive analysis of the endocrine potential using effect-based methods. 2022 , 803, 149756	4
220	Anaerobic membrane bioreactors (AnMBRs) for municipal wastewater treatment- potential benefits, constraints, and future perspectives: An updated review. 2022 , 802, 149612	9
219	Probabilistic framework for assessing ecological risk of Contaminants of Emerging Concern: Application to a Canadian lake system. 2022 , 287, 131910	2
218	A review on recent trends in the removal of emerging contaminants from aquatic environment using low-cost adsorbents. 2022 , 287, 132270	13
217	Binary and Ternary Vanadium Oxides: General Overview, Physical Properties, and Photochemical Processes for Environmental Applications. 2021 , 9, 214	8
216	Physiological and molecular basis of bioremediation of micropollutants. 2021 , 447-464	0
215	Sources, fate, and impact of pharmaceutical and personal care products in the environment and their different treatment technologies. 2021 , 391-407	1
214	Degradation and mechanism analysis of chloroxylenol in aqueous solution by gas-liquid discharge plasma combined with ozonation.. 2021 , 11, 12907-12914	1
213	Applications of Nanozymes in Wastewater Treatment. 2021 , 95-110	
212	Pharmaceutical and Personal Care Products in the Aquatic Environment and Wastewater Treatment by Advanced Oxidation Processes. 2021 , 299-352	
211	Wastewater remediation using coal fly ash nanocomposites. 2021 , 159-184	1
210	Future Prospects for Treating Contaminants of Emerging Concern in Water and Soils/Sediments. 2020 , 589-605	1
209	Role and Characterization of Nano-Based Membranes for Environmental Applications. 2020 , 295-352	1
208	Global Potable Water: Current Status, Critical Problems, and Future Perspectives. 2014 , 37-59	6
207	Types of Water Pollutants: Conventional and Emerging. 2020 , 21-41	10
206	Toxicology and Environmental Application of Carbon Nanocomposite. 2021 , 1-18	12
205	Simultaneous removal of COD and Ammoniacal Nitrogen from dye intermediate manufacturing Industrial Wastewater using Fenton oxidation method. 2020 , 10, 1	12

204	Solar-active clay-TiO ₂ nanocomposites prepared via biomass assisted synthesis: Efficient removal of ampicillin, sulfamethoxazole and artemether from water. 2020 , 398, 125544	18
203	Removal of bisphenol A and trichlorophenol from aqueous solutions by adsorption with organically modified bentonite, activated carbon composites: A comparative study in single and binary systems. 2020 , 11, 100477	8
202	Pharmaceutical Residues in Sewage Treatment Works and their Fate in the Receiving Environment. 2015 , 120-179	6
201	Is micropollutant-loaded powdered activated carbon from a wastewater treatment plant toxic to the bivalve <i>Corbicula</i> sp.?. 2020 , 32,	0
200	A review of nanomaterials based membranes for removal of contaminants from polluted waters. 2014 , 5, 123-146	13
199	Caffeine Adsorption onto Bentonite Clay in Suspension and Immobilized. 63,	4
198	Água de reúso: uma alternativa sustentável para o Brasil. 2020 , 25, 791-808	3
197	Enzyme-Based Biodegradation of Hazardous Pollutants –An Overview. 2017 , 5, 402-411	37
196	Membrane process for spring water treatment in the Tula Valley: assessment of physicochemical and microbiological parameters in a non-conventional water source. 2015 , 15, 294-301	1
195	Removal of Endocrine Disruptors from Urban Wastewater by Advanced Oxidation Processes (AOPs): A Review. 2016 , 10, 151-172	26
194	Application of Switchable Hydrophobicity Solvents for Extraction of Emerging Contaminants in Wastewater Samples. 2019 , 25,	6
193	Effect of Land Use on the Benthic Diatom Community of the Danube River in the Region of Budapest. 2020 , 12, 479	4
192	Removal of Emerging Contaminants from Water and Wastewater Using Nanofiltration Technology. 72-91	1
191	Heterogeneous Fenton Catalyst for the Efficient Removal of Azo Dyes in Water. 2014 , 05, 490-499	25
190	Occurrence and removals of micropollutants in water environment. 2016 , 21, 319-332	72
189	Assessing behavior and fate of micropollutants during wastewater treatment: Statistical analysis. 2021 , 26, 200359-0	2
188	Sewage treatment plant associated genetic differentiation in the blue mussel from the Baltic Sea and Swedish west coast. 2016 , 4, e2628	7
187	Magnetic Iron-Containing Carbon Materials as Sorbents for the Removal of Pollutants from Aquatic Media (A Review). 2021 , 55, 285-305	1

186	Modelling of AOP removal of β blocker atenolol from wastewater. 2021 , 49, 2301-2301	
185	A comprehensive review on micropollutants removal using carbon nanotubes-based adsorbents and membranes. 2021 , 9, 106647	17
184	Practice of wastewater irrigation and its impacts on human health and environment: a state of the art. 1	2
183	A comprehensive review on current technologies for removal of endocrine disrupting chemicals from wastewaters. 2021 , 207, 112196	6
182	Artificial Sweeteners Identify Spatial Patterns of Historic Landfill Contaminated Groundwater Discharge in an Urban Stream.	0
181	Pharmaceuticals and personal care products in aquatic environments and their removal by algae-based systems. 2021 , 132580	2
180	Photodegradation of Bisphenol A and Triclosan using $ZnCl_2(6OMeQ)_2$ complex as photosensitizer under homogeneous conditions. 2021 , 12, 100291	1
179	Impact of light on microalgal photosynthetic microbial fuel cells and removal of pollutants by nanoadsorbent biopolymers: Updates, challenges and innovations. 2021 , 132589	16
178	Electrochemical degradation of emerging pollutants via laser-induced graphene electrodes. 2021 , 8, 100195	1
177	Recent trends in anaerobic membrane bioreactor treatment of domestic wastewater. 2013 , 27, 529-545	
176	Adsorption of Pharmaceuticals and Personal Care Products on Granular Activated Carbon. 2016 , 06, 183-200	1
175	Removal of BP-3 Endocrine Disrupting Chemical (EDC) using cellulose acetate and ZnO nano particles mixed matrix membranes. 2016 , 7, 507-520	
174	Remoci3n de sustancias disruptoras endocrinas "levonorgestrel" en fuentes h3bricas. 2016 , 8,	
173	Pollutants: Aqueous Organic, Nonthermal Degradation. 2016 , 1087-1096	
172	Pharmaceuticals and Personal Care Products as Emerging Water Contaminants. 2017 , 1457-1475	0
171	La spectrom3trie de masse haute r3solution : un outil innovant de caract3risation des ouvrages d3ssainissement. 2018 , 51-68	
170	Environmental Photocatalysis/Photocatalytic Decontamination. 2019 , 1625-1640	1
169	4-nonilfenol: efectos, cuantificaci3n y m3todos de remoci3n en aguas superficiales y potables. 2019 , 11, 117-132	

168 ~~Éztrogfiek Éztrogfhatóanyagok a nyírtérmezésben.~~ **2019**, 68, 385-401

167 Predicting adsorption isotherms of organic micropollutants by high-silica zeolite mixtures. **2021**, 120009 2

166 An Insight into a Sustainable Removal of Bisphenol A from Aqueous Solution by Novel Palm Kernel Shell Magnetically Induced Biochar: Synthesis, Characterization, Kinetic, and Thermodynamic Studies. **2021**, 13, 1

165 Assessment of polyethersulfone and polyacrylonitrile hemodialysis clinical membranes: In situ synchrotron-based imaging of human serum proteins adsorption, interaction analyses, molecular docking and clinical inflammatory biomarkers investigations. **2021**, 29, 102928 3

164 Engineered Nanomaterials for Emerging Contaminant Removal from Wastewater. **2020**, 1-22 2

163 Devising and Exploiting Functionalities of Nanocomposites for Removal of Organic Pollutants and for Disinfection. **2021**, 1-26

162 Removal of Emerging Contaminants from Water and Wastewater Using Nanofiltration Technology. **2020**, 697-716

161 Occurrence and Impact of Emerging Contaminants in Nigeria's Freshwater Resources. **2020**, 17-30

160 Evaluation of an ozone diffusion process using a hollow fiber membrane contactor. **2021**, 1

159 Removal of organic micropollutants by well-tailored granular zeolites and subsequent ozone-based regeneration. **2021**, 44, 102403 1

158 New tyrosinases with a broad spectrum of action against contaminants of emerging concern: Insights from silicoanalyses.

157 Pharmaceuticals and Personal Care Products as Emerging Water Contaminants. 81-100

156 Advanced Oxidation Processes for Wastewater Remediation: An Overview. **2021**, 71-93 4

155 A new magnetic adsorbent of eggshell-zeolitic imidazolite framework for highly efficient removal of norfloxacin. **2021**, 16

154 Emerging organic contaminants in karst groundwater: A global level assessment. **2022**, 604, 127242 8

153 Assessment of seasonal and spatial variation responses of integrated biomarkers in two marine sentinel bivalve species: Agadir Bay (Southern of Morocco). **2021**, 174, 113179 3

152 Recent Approaches in the Preparation of Various Biosorbents. **2022**, 79-101 1

151 The Effects of Contaminants of Emerging Concern on Water Quality. **2021**, 23-44

150	A Review on Emerging Pollutants in the Water Environment: Existences, Health Effects and Treatment Processes. 2021 , 13, 3258	15
149	Ecotoxicological impacts caused by high demand surfactants in Latin America and a technological and innovative perspective for their substitution. 2021 , 816, 151661	1
148	Trends in the treatment of aquaculture effluents using nanotechnology. 2021 , 2, 100024	5
147	Impact and implications of nanocatalyst in the Fenton-like processes for remediation of aquatic environment contaminated with micro-pollutants: A critical review. 2022 , 45, 102500	4
146	Synthesis of a novel magnetic composite based on graphene oxide, chitosan and organoclay and its application in the removal of bisphenol A, 17 β -ethinylestradiol and triclosan. 2022 , 10, 107071	1
145	Mapping the desalination journal: A systematic bibliometric study over 54 years. <i>Desalination</i> , 2022 , 526, 115535	10.3 3
144	Application of Microbial Fuel Cells for the Treatment of Emerging Contaminants from Wastewater: An Overview. 2022 , 509-526	0
143	Temporal compositional shifts in an activated sludge microbiome during estrone biodegradation.. 2022 , 1	0
142	Pharmaceutical and personal care products in the environment: occurrence and impact on the functioning of the ecosystem. 2022 , 137-157	1
141	State-of-the-art biosynthesis of tin oxide nanoparticles by chemical precipitation method towards photocatalytic application.. 2022 , 29, 10871	1
140	Strategies for the detection, removal and elimination of antidepressants. 1-32	1
139	Application of green nanocomposites in removal of toxic chemicals, heavy metals, radioactive materials, and pesticides from aquatic water bodies. 2022 , 321-346	
138	Laminated PAA nanofibers as a practical support for crude laccase: A new perspective for biocatalytic treatment of micropollutants in wastewaters. 2022 , 26, 102316	2
137	Electrochemical sensing system for the analysis of emerging contaminants in aquatic environment: A review.. 2022 , 294, 133779	14
136	A review on bio-electro-Fenton systems as environmentally friendly methods for degradation of environmental organic pollutants in wastewater.. 2022 , 12, 5184-5213	2
135	Toxicological effect of biopolymers and their applications. 2022 , 265-284	
134	A review on removal strategies of microorganisms from water environment using nanomaterials and their behavioural characteristics.. 2022 , 295, 133915	2
133	Assessment of Pharmaceuticals in Water Systems: Sustainable Phytoremediation Strategies. 2021 , 273-324	

132	Sustainable Use of African Palm Shell Waste Applied to Paraben Adsorption from Aqueous Solutions. 2021 , 349-380	
131	Removal of Organic Micropollutants for Advanced Wastewater Treatment: Adsorption by a Fixed-Bed Granular Zeolite Filter Combined with In-Situ Ozone-Based Regeneration.	
130	Effect and Mechanism of Titanium Nanomaterials on Microbial Community Structure and Function in Sequencing Batch Reactor. 2022 , 2, 395-404	
129	The efficiency of sewage treatment plant: A case study at the main campus of Universiti Malaysia Sabah (UMS). 2022 , 1229, 012013	
128	An Overview of Polymer-Supported Catalysts for Wastewater Treatment through Light-Driven Processes. 2022 , 14, 825	1
127	Periodate Activation for Degradation of Organic Contaminants: Processes, Performance and Mechanism. 2022 , 120928	1
126	Comparative studies for the treatment of industrial effluents employing advanced processes: towards enhancement of environmental performance. 2022 , 2, 1	
125	Heterogeneous Photocatalytic Activation of Persulfate for the Removal of Organic Contaminants in Water: A Critical Review. 2022 , 2, 527-546	5
124	Performance Evaluation of A/O Membrane Bioreactor System in the Effective Removal of Endocrine-Disrupting Chemicals: the Effect of SRT and Flux Rate. 2022 , 233, 1	0
123	Toxicity and removal of pharmaceutical and personal care products: a laboratory scale study with tropical plants for treatment wetlands.	0
122	Capability of copper-nickel ferrite nanoparticles loaded onto multi-walled carbon nanotubes to degrade acid blue 113 dye in the sonophotocatalytic treatment process.. 2022 , 1	4
121	Iron oxide nanoparticles embedded in organic microparticles from Yerba Mate useful for remediation of textile wastewater through a photo-Fenton treatment: Ilex paraguariensis as a platform of environmental interest - Part 1.. 2022 , 1	1
120	Pharmaceuticals and personal care products (PPCPs): Environmental and public health risks.	0
119	Tailoring Nanoadsorbent Surfaces: Separation of Rare Earths and Late Transition Metals in Recycling of Magnet Materials.. 2022 , 12,	0
118	Emerging Contaminants in Soil and Water. 2022 , 10,	2
117	Detection and remediation of chiral pharmaceuticals from wastewater: A review.. 2022 ,	0
116	Removal of stormwater dissolved organic nitrogen through biotransformation using activated carbon.. 2022 , 94, e10703	0
115	Synergistic effect of nitrate on UV-chlorine photochemical degradation of carbamazepine.. 2022 , 1	0

114	Spotlight on mass spectrometric non-target screening analysis: Advanced data processing methods recently communicated for extracting, prioritizing and quantifying features.	1
113	Development of a combi-electrosensor for the detection of phenol by combining photoelectrochemistry and square wave voltammetry.. 2022 , 1206, 339732	2
112	Treatment of a poultry slaughterhouse wastewater using advanced oxidation processes. 2022 , 47, 102694	0
111	Endocrine disrupting chemicals (EDCs) in environmental matrices: Occurrence, fate, health impact, physio-chemical and bioremediation technology.. 2022 , 119061	0
110	A review on advances in removal of endocrine disrupting compounds from aquatic matrices: Future perspectives on utilization of agri-waste based adsorbents.. 2022 , 826, 154129	2
109	Fe/Co redox and surficial hydroxyl potentiation in the FeCoO enhanced CoO/persulfate process for TC degradation.. 2022 , 313, 114855	2
108	Waste-derived iron catalyzed bio-electro-Fenton process for the cathodic degradation of surfactants.. 2022 , 212, 113141	0
107	Removal of Specific Pharmaceuticals from Water using Activated Carbon. 2021 , 906, 012065	1
106	Application of Plasma-Assisted Advanced Oxidation Processes for Removal of Emerging Contaminants in Water. 2022 , 333-370	1
105	Removal of Pharmaceutical Compounds: Overview of Treatment Methods. 2022 , 161-180	0
104	Removal of crystal violet from water by poly acrylonitrile-co-sodium methallyl sulfonate (AN69) and poly acrylic acid (PAA) synthetic membranes. 2022 , 42, 172-179	
103	Nanotechnology to treat the environmental micropollutants. 2022 , 407-441	0
102	Advanced Removal of Pesticides, Herbicides, and Pharmaceutical residues from surface water.. 2022 , 1-31	
101	Capillary-Assisted Fabrication of Thin-Film Nanocomposite Membranes for Improved Solute-Solute Separation.. 2022 ,	3
100	Skeletal Ni electrode-catalyzed C-O cleavage of diaryl ethers entails direct elimination via benzyne intermediates.. 2022 , 13, 2050	1
99	Treatability of hazardous substances in industrial wastewater: case studies for textile manufacturing and leather production sectors.. 2022 , 194, 383	0
98	Forward-Looking Roadmaps for Long-Term Continuous Water Quality Monitoring: Bottlenecks, Innovations, and Prospects in a Critical Review.. 2022 ,	3
97	Life Cycle Assessment of Emerging Technologies in Industrial Wastewater Treatment and Desalination. 2022 , 369-398	2

- 96 Sorption of 71 Pharmaceuticals to Powder Activated Carbon for Improved Wastewater Treatment. **2022**, 4, 296-308
- 95 Evaluation of concerning emergent compounds characteristics and simultaneous biosorption through multivariate technique. **2022**, 27, 403-412
- 94 Development of low power non-thermal plasma jet and optimization of operational parameters for treating dyes and emerging contaminants. 2
- 93 Enhanced removal of sulfamethoxazole by an anaerobic/aerobic SBR with an oxidation-reduction cycle of magnetite. **2022**, 102817 0
- 92 Integrative multi-biomarker approach on caged rainbow trout: A biomonitoring tool for wastewater treatment plant effluents toxicity assessment.. **2022**, 155912
- 91 Efficient recovery of dissolved Fe(II) from near neutral pH Fenton via microbial electrolysis. **2022**, 129196 0
- 90 Emerging Contaminants and High-Resolution Mass Spectrometry: A Review on Prioritization Strategies for Non-Target Analysis.
- 89 Emerging Contaminants in Wastewater and Associated Treatment Technologies. **2022**, 231-261 0
- 88 Emerging Contaminants in Water and Remedial Techniques. **2022**, 203-229
- 87 A review on emerging water contaminants and the application of sustainable removal technologies. **2022**, 6, 100219 5
- 86 Threats and consequences of untreated wastewater on freshwater environments. **2022**, 1-26
- 85 Effectiveness of tertiary treatment processes in removing different classes of emerging contaminants from domestic wastewater. **2022**, 16, 0
- 84 The Environmental and Health Impacts of Steroids and Hormones in Wastewater Effluent, as Well as Existing Removal Technologies: A Review. **2022**, 3, 206-224 4
- 83 Conversion of Erythrina speciosa pods to porous adsorbent for Ibuprofen removal. **2022**, 10, 108070 0
- 82 ClayBiomass Composites for Water Purification. **2022**, 26, 0
- 81 Micropollutant removal capacity and stability of aquaporin incorporated biomimetic thin-film composite membranes. **2022**, 35, e00745 0
- 80 Treatment Technologies for the Environmental Micro-pollutant. **2022**, 365-385
- 79 Impacts of Micro Pollutants on Human Health and Enumerating the Environmental Refinement. **2022**, 75-104

78	Water Quality Characterization of Industrial and Municipal Wastewater, Issues, Challenges, Health Effects, and Control Techniques. 2022 , 1-30	
77	Application of Nanocatalysts in Advanced Oxidation Processes for Wastewater Purification: Challenges and Future Prospects. 2022 , 12, 741	2
76	Occurrence of herbicides in the aquatic environment and their removal using advanced oxidation processes: a critical review.	
75	Impact of Processing Technology on the Chemical Contaminants Occurrence in End Products. 2022 , 299-319	
74	Joint action of binary mixtures based on parameter k_{IEC} from concentration-response curves in long-term toxicity assay. 2022 , 94, 103917	0
73	Size- and ion-selective adsorption of organic dyes from aqueous solutions using functionalized UiO-66 frameworks. 2022 , 129749	0
72	Effective adsorption of diclofenac sodium from aqueous solution using cationic surfactant modified Cuminum cyminum agri-waste: kinetic, equilibrium, and thermodynamic studies. 1-11	3
71	Potential of Canna indica in Constructed Wetlands for Wastewater Treatment: A Review. 2022 , 2, 499-513	0
70	The Efficiency of Volcanic Tuff-Based Foamed Geopolymer for Heavy Metals Removal: A Parametric Study. 2022 , 16,	1
69	Wastewater toxicity removal: Integrated chemical and effect-based monitoring of full-scale conventional activated sludge and membrane bioreactor plants. 2022 , 158071	2
68	Efficient Activation of Peroxymonosulfate by Biochar-Loaded Zero-Valent Copper for Enrofloxacin Degradation: Singlet Oxygen-Dominated Oxidation Process. 2022 , 12, 2842	0
67	Global groundwater vulnerability for Pharmaceutical and Personal care products (PPCPs): The scenario of second decade of 21st century. 2022 , 320, 115703	2
66	Treatment of beauty salon effluents using advanced oxidative electrochemical processes with boron-doped diamond anode. 2022 , 10, 108376	1
65	In-situ assembled amino-quinone network of nanofiltration membrane for simultaneously enhanced trace organic contaminants separation and antifouling properties. 2022 , 661, 120891	0
64	Intensification strategies for cytostatics degradation by ozone-based processes in aqueous phase. 2022 , 440, 129743	2
63	Dexamethasone degradation in aqueous medium by a thermally activated persulfate system: Kinetics and transformation products. 2022 , 49, 103134	0
62	Finely regulated polyamide membranes with rapid water transport for low-pressure precise nanofiltration. 2022 , 662, 120987	0
61	Sequestration and toxicological assessment of emerging contaminants with polypyrrole modified carboxymethyl cellulose (CMC/PPY): Case of ibuprofen pharmaceutical drug. 2022 , 221, 547-557	0

- 60 Non-conventional processes applied for the removal of pharmaceuticals compounds in waters: A review. **2022**, 167, 527-542 ○
- 59 Distribution, ecological fate, and risks of steroid estrogens in environmental matrices. **2022**, 308, 136370 ○
- 58 Boron doping positively enhances the catalytic activity of carbon materials for the removal of bisphenol A. **2022**, 12, 21780-21792 ○
- 57 Minimizing Greenhouse Gases Emissions and Energy Consumption from Wastewater Treatment Plants Via Rational Design and Engineering Strategies: A Case Study in Mashhad, Iran. ○
- 56 Emerging Organic Compound (EOC) Removal from Water and Wastewater Using Innovative Technologies and Materials. **2022**, ○
- 55 Sustainable Nanomaterials for Environmental Remediation. **2022**, 1-40 ○
- 54 Effect of pollution on sediments and their impact on the aquatic ecosystem. **2022**, 1-16 ○
- 53 Novel Bi₂O₃ Nanoparticles with Significant Photocatalytic Activity for Methyl Orange and Ciprofloxacin removable. ○
- 52 Visible Light Driven Advanced Oxidation Processes to Remove Emerging Contaminants from Water and Wastewater: a Review. **2022**, 233, ○
- 51 Osmotic and Filtration Processes for the Removal of Emerging Water Pollutants. **2022**, 268-289 ○
- 50 Parabens removal from wastewaters by microalgae: Ecotoxicity, metabolism and pathways. **2022**, 139631 1
- 49 Effects of the Water Matrix on the Degradation of Micropollutants by a Photocatalytic Ceramic Membrane. **2022**, 12, 1004 ○
- 48 Status and Trends of Membrane Technology for Wastewater Treatment: A Patent Analysis. **2022**, 14, 13794 ○
- 47 A comprehensive review of various approaches for treatment of tertiary wastewater with emerging contaminants: what do we know?. **2022**, 194, 1
- 46 Probing the adsorption behavior and mechanism of NO₂ and NH₂ functionalized covalent organic frameworks (COFs) for removal of bisphenol A. **2022**, 112299 ○
- 45 Occurrence of pharmaceuticals and personal care products in domestic wastewater, available treatment technologies, and potential treatment using constructed wetland: A review. **2022**, 1
- 44 Pharmaceuticals in water as emerging pollutants for river health: A critical review under Indian conditions. **2022**, 247, 114220 1
- 43 Water environmental efficiency in different urban spatial structure patterns: Evidence from a panel of Chinese urban districts. **2022**, 379, 134834 ○

42	Transcriptome signatures of wastewater effluent exposure in larval zebrafish vary with seasonal mixture composition in an effluent-dominated stream. 2023 , 856, 159069	0
41	Nanofiltration Treatment of Industrial Wastewater Doped with Organic Dye: A Study of Hydrodynamics and Specific Energy. 2022 , 10, 2277	0
40	Boosting the Performance of Nanofiltration Membranes in Removing Organic Micropollutants: Trade-Off Effect, Strategy Evaluation, and Prospective Development. 2022 , 56, 15220-15237	2
39	Enhanced UV-light active Bi ₂ O ₃ nanoparticles for the removal of methyl orange and ciprofloxacin. 2022 , 146, 110204	0
38	Recent Advances in Carbon-Based Materials for Adsorptive and Photocatalytic Antibiotic Removal. 2022 , 12, 4045	1
37	Facile synthesis of perovskite carbonaceous interface ZnSnO ₃ /Fe/gC ₃ N ₄ for photocatalytic remediation of persistent organic pollutants. 2022 ,	0
36	Fate of phthalate esters in landfill leachate under subcritical and supercritical conditions and determination of transformation products. 2023 , 155, 292-301	0
35	A new on-line SPE LC-HRMS method for simultaneous analysis of selected emerging contaminants in surface waters.	0
34	Recent research advancements in microwave photocatalytic treatment of aqueous solutions. 2023 , 195,	1
33	Removal of orange G dye by <i>Aspergillus niger</i> and its effect on organic acid production. 1-12	0
32	Porous Materials for Water Purification.	0
31	Porous Materials for Water Purification.	0
30	Removal of an emergent contaminant by a palygorskite from Pontezuela/Cuban region.	1
29	Role of membrane technology in food industry effluent treatment. 2022 ,	0
28	Atenolol oxidation by Zeolite X encapsulated Cu (II)-L complex (L = a Schiff base ligand).	0
27	Tetragonal SnO ₂ Nanoparticles: An Efficient Photocatalyst for the Degradation of Hazardous Ionic Dyes. 2023 , 8,	0
26	Endocrine disruptors concentrations in drinking water samples from Mexico and their health implications.	0
25	3D ZnO sunstar rose nanoflowers morphology with surfactant-assisted reflux exhibit excellent optical properties and photocatalytic activity against hazardous organic dyes. 2023 , 136, 113391	0

- 24 Degradation of micropollutants by metal organic framework composite-based catalysts: A review. **2023**, 29, 102998 1
- 23 Natural manganese sand activates sodium hypochlorite to enhance ionic organic contaminants removal: Optimization, modeling, and mechanism. **2023**, 866, 161310 0
- 22 UV and Zero-Valent Iron (ZVI) Activated Continuous Flow Persulfate Oxidation of Municipal Wastewater. **2023**, 13, 25 0
- 21 Selective enrichment, identification, and isolation of diclofenac, ibuprofen, and carbamazepine degrading bacteria from a groundwater biofilm. 0
- 20 Presence of pharmaceuticals and bacterial resistance genes in river epilithic biofilms exposed to intense agricultural and urban pressure. **2023**, 195, 0
- 19 Application of Microbial Enzymes in Wastewater Treatment. **2023**, 209-227 0
- 18 Ozone Diffusion through a Hollow Fiber Membrane Contactor for Pharmaceuticals Removal and Bromate Minimization. **2023**, 13, 171 0
- 17 Minimizing greenhouse gases emissions and energy consumption from wastewater treatment plants via rational design and engineering strategies: A case study in Mashhad, Iran. **2023**, 9, 2310-2320 0
- 16 Removal of Toxic Emerging Pollutants Using Membrane Technologies. **2023**, 157-208 0
- 15 Construction of a ternary g-C₃N₄/MoS₂/MWCNTs nanocomposite for the enhanced photocatalytic performance against organic dye. 0
- 14 Landfill leachate treatment by high-pressure membranes and advanced oxidation techniques with a focus on ecotoxicity and by-products management: A review. **2023**, 173, 747-764 0
- 13 In-situ regeneration of a novel Fe₃O₄/GAC adsorbent for micropollutants removal in a continuous fixed-bed. **2023**, 10, 100267 0
- 12 Insight into micropollutant abatement during ultraviolet light-emitting diode combined electrochemical process: Reaction mechanism, contributions of reactive species and degradation routes. **2023**, 876, 162798 0
- 11 Characterization of the organic micropollutants behavior during electrochemical ammonia recovery. **2023**, 11, 109613 0
- 10 Steroid hormones in wastewater: Sources, treatments, environmental risks, and regulations. **2023**, 9, 100210 1
- 9 Removal of pharmaceutically active compounds from water sources using nanofiltration and reverse osmosis membranes: Comparison of removal efficiencies and in-depth analysis of rejection mechanisms. **2023**, 338, 117682 0
- 8 Evaluation of mass transfer behaviour of sulfamethoxazole species at ion exchange membranes by chronopotentiometry for electro-dialytic processes. **2023**, 931, 117214 1
- 7 An Insight Into the Consequences of Emerging Contaminants in Soil and Water and Plant Responses. **2023**, 1-27 0

- 6 Progress in deployment of biomass-based activated carbon in point-of-use filters for removal of emerging contaminants from water: A review. **2023**, 192, 412-440 ○
- 5 Progress towards Stable and High-Performance Polyelectrolyte Multilayer Nanofiltration Membranes for Future Wastewater Treatment Applications. **2023**, 13, 368 ○
- 4 Seasonal occurrence and fate of nanoparticles in two biological wastewater treatment plants in Southern California. **2023**, 95, ○
- 3 Predictive in silico models for aquatic toxicity of cosmetic and personal care additive mixtures. **2023**, 236, 119981 ○
- 2 The Minus Approach Can Redefine the Standard of Practice of Drinking Water Treatment. ○
- 1 Efficacy of activated carbon filtration and ozonation to remove persistent and mobile substances □ A case study in two wastewater treatment plants. **2023**, 886, 163921 ○