

Anastasios I Zouboulis

List of Publications by Year in descending order

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322
papers

12,204
citations

26567

56
h-index

38300

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341
all docs

341
docs citations

341
times ranked

10193
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical conversion of chromium from tannery effluents for potential reuse in industrial applications. <i>Environmental Science and Pollution Research</i> , 2023, 30, 8722-8731.	2.7	1
2	Selection of magnesium hydroxide coatings for corrosion mitigation in concrete sewer pipes by using multiple criteria decision analysis. <i>Environmental and Sustainability Indicators</i> , 2022, 13, 100168.	1.7	1
3	Biomass-derived nanocomposites: A critical evaluation of their performance toward the capture of inorganic pollutants. , 2022, , 569-603.		0
4	Performance of Three Magnesium-based Coatings for Corrosion Protection of Concrete against Sulfuric Acid. <i>Environmental Processes</i> , 2022, 9, 1.	1.7	1
5	Sewer solids affecting microbiologically induced corrosion and/or hydrogen sulfide formation. , 2022, , 589-610.		0
6	Valorization of Hazardous Organic Solid Wastes towards Fuels and Chemicals via Fast (Catalytic) Pyrolysis. <i>Sustainable Chemistry</i> , 2022, 3, 91-111.	2.2	3
7	Estimation and Addition of MgO Dose for Upgrading the Refractory Characteristics of Magnesite Ore Mining Wastes/By-products. <i>Waste and Biomass Valorization</i> , 2022, 13, 4057-4072.	1.8	3
8	Hematite Nanoparticles Addition to Serpentine/Pyroxenes By-Products of Magnesite Mining Enrichment Process for the Production of Refractories. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2094.	1.3	4
9	Investigation of Magnetic Separation and Thermal Treatment Effects, Combined with Additives (Mineral Oxides), on Serpentinized Peridotites from the Gerakini (Chalkidiki, N. Greece) Magnesite Mine. , 2022, 5, .		0
10	Thermodynamic Study of Phosphate Adsorption and Removal from Water Using Iron Oxyhydroxides. <i>Water (Switzerland)</i> , 2022, 14, 1163.	1.2	7
11	Optimization of supercritical carbon dioxide explosion for sewage sludge pre-treatment using response surface methodology. <i>Chemosphere</i> , 2022, 297, 133989.	4.2	11
12	Evaluation of polymeric membranes'™ performance during laboratory-scale experiments, regarding the CO2 separation from CH4. <i>Chemosphere</i> , 2022, 299, 134224.	4.2	13
13	Thiol-Functionalization Carbonaceous Adsorbents for the Removal of Methyl-Mercury from Water in the ppb Levels. <i>Water (Switzerland)</i> , 2022, 14, 49.	1.2	4
14	Monitoring of a Broad Set of Pharmaceuticals in Wastewaters by High-Resolution Mass Spectrometry and Evaluation of Heterogenous Catalytic Ozonation for Their Removal in a Pre-Industrial Level Unit. <i>Analyticaâ€”A Journal of Analytical Chemistry and Chemical Analysis</i> , 2022, 3, 195-212.	0.8	4
15	Arsenic Exposure via Contaminated Water and Food Sources. <i>Water (Switzerland)</i> , 2022, 14, 1884.	1.2	19
16	Investigation of the Removal of Several Micropollutants Presenting Different Ozone Reactivities from Natural Potable Water Matrix by the Application of Ozonation with the Use of SiO2 and Al2O3 as Catalysts. <i>Separations</i> , 2022, 9, 173.	1.1	3
17	Combination of Thermal, Hydrometallurgical and Electrochemical Tannery Waste Treatment for Cr(III) Recovery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 532.	1.3	3
18	Speciation and Determination of Selenium Oxyanions at the Drinking Water Pollution Concentration Levels. <i>Separations</i> , 2021, 8, 27.	1.1	2

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19	Comparison of Different Magnesium Hydroxide Coatings Applied on Concrete Substrates (Sewer Pipes) for Protection against Bio-Corrosion. <i>Water (Switzerland)</i> , 2021, 13, 1227.	1.2	7
20	Effect of Operating Conditions on Membrane Fouling in Pilot-Scale MBRs: Filaments Growth, Diminishing Dissolved Oxygen and Recirculation Rate of the Activated Sludge. <i>Membranes</i> , 2021, 11, 490.	1.4	7
21	Evaluation of the Protection Ability of a Magnesium Hydroxide Coating against the Bio-Corrosion of Concrete Sewer Pipes, by Using Short and Long Duration Accelerated Acid Spraying Tests. <i>Materials</i> , 2021, 14, 4897.	1.3	5
22	Transition Metal Ions as Ozonation Catalysts: An Alternative Process of Heterogeneous Catalytic Ozonation. <i>Catalysts</i> , 2021, 11, 1091.	1.6	13
23	Heterogeneous catalytic ozonation: The significant contribution of PZC value and wettability of the catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106173.	3.3	23
24	Catalytic Membrane Ozonation. <i>Encyclopedia</i> , 2021, 1, 131-143.	2.4	2
25	Minerals as Potential Catalysts in Heterogeneous Catalytic Ozonation: A Kinetic Study of p-CBA Degradation in Aqueous Solutions at pH 7. <i>Materials Proceedings</i> , 2021, 5, .	0.2	0
26	Study of Magnesium Hydroxide Protective Coating against Corrosion, Applied on Poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 5, .	0.2	0
27	Effects of additives on the physical properties of magnesite ore mining by-products for the production of refractories. <i>Minerals Engineering</i> , 2021, 174, 107247.	1.8	6
28	Anti-corrosion properties of magnesium oxide/magnesium hydroxide coatings for application on concrete surfaces (sewerage network pipes). <i>Construction and Building Materials</i> , 2021, 312, 125441.	3.2	17
29	Magnesite Ore Washing Facilitiesâ€™ Wastewater Treatment and Recovered Water Reuse. , 2021, 5, .		0
30	Chromium recovery from tannery sludge and its ash, based on hydrometallurgical methods. <i>Waste Management and Research</i> , 2020, 38, 19-26.	2.2	5
31	Graphene Oxide/Fe-Based Composite Pre-Polymerized Coagulants: Synthesis, Characterization, and Potential Application in Water Treatment. <i>Journal of Carbon Research</i> , 2020, 6, 44.	1.4	7
32	Quantifying the Effect of COD to TN Ratio, DO Concentration and Temperature on Filamentous Microorganismsâ€™ Population and Trans-Membrane Pressure (TMP) in Membrane Bio-Reactors (MBR). <i>Processes</i> , 2020, 8, 1514.	1.3	6
33	The Chromium Recovery and Reuse from Tanneries: A Case Study According to the Principles of Circular Economy. <i>Textile Science and Clothing Technology</i> , 2020, , 123-157.	0.4	3
34	Enhancement of ozonation efficiency employing dead-end hollow fiber membranes. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2619-2627.	1.2	4
35	Cost evaluation for Se(IV) removal, by applying common drinking water treatment processes: Coagulation/precipitation or adsorption. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104209.	3.3	39
36	Heterogeneous Catalytic Ozonation of Micropollutants in a Pilot Scale Continuous Flow System. <i>Environmental Sciences Proceedings</i> , 2020, 2, .	0.3	1

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37	Calcite Mineral Catalyst Capable of Enhancing Micropollutant Degradation during the Ozonation Process at pH7. Environmental Sciences Proceedings, 2020, 2, 26.	0.3	6
38	Selenite Removal from Water. Environmental Sciences Proceedings, 2020, 2, .	0.3	0
39	A Mini-Review of Urban Wastewater Treatment in Greece: History, Development and Future Challenges. Sustainability, 2020, 12, 6133.	1.6	11
40	Study of Corrosion Protection of Concrete in Sewage Systems with Magnesium Hydroxide Coatings. Environmental Sciences Proceedings, 2020, 2, 27.	0.3	6
41	Properties and Performance of Novel Mg(OH) ₂ -Based Coatings for Corrosion Mitigation in Concrete Sewer Pipes. Materials, 2020, 13, 5291.	1.3	18
42	The Effect of Thermal Treatment on the Physicochemical Properties of Minerals Applied to Heterogeneous Catalytic Ozonation. Sustainability, 2020, 12, 10503.	1.6	8
43	A Step by Step Investigation of Cr(III) Recovery from Tannery Waste. Proceedings (mdpi), 2020, 48, 1.	0.2	2
44	Mineralogy and Geochemistry of Ultramafic Rocks from Rachoni Magnesite Mine, Gerakini (Chalkidiki), Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	11
45	Catalytic Ozonation and Membrane Contactorsâ€™ A Review Concerning Fouling Occurrence and Pollutant Removal. Water (Switzerland), 2020, 12, 2964.	1.2	20
46	Application of Composite Pre-Polymerized Coagulants for the Treatment of High-Strength Industrial Wastewaters. Water (Switzerland), 2020, 12, 1258.	1.2	17
47	The Use of Natural Minerals in a Pilot-Scale MBR for Membrane Fouling Mitigation. Separations, 2020, 7, 24.	1.1	8
48	Characterization and evaluation of magnesite ore mining by-products of Gerakini mines (Chalkidiki, N.) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.9	11
49	Removal of Arsenic, Chromium and Uranium from Water Sources by Novel Nanostructured Materials Including Graphene-Based Modified Adsorbents: A Mini Review of Recent Developments. Applied Sciences (Switzerland), 2020, 10, 3241.	1.3	36
50	Using Additives for Fouling Control in a Lab-Scale MBR; Comparing the Anti-Fouling Potential of Coagulants, PAC and Bio-Film Carriers. Membranes, 2020, 10, 42.	1.4	8
51	New Insights into the Mineralogy and Geochemistry of Sb Ores from Greece. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	6
52	Hydrometallurgical Recovery of Cr(III) from Tannery Waste: Optimization and Selectivity Investigation. Water (Switzerland), 2020, 12, 719.	1.2	10
53	Cr(VI) Femoval from Ground Waters by Ferrous Iron Redox-Assisted Coagulation in a Continuous Treatment Unit Comprising a Plug Flow Pipe Reactor and Downflow Sand Filtration. Applied Sciences (Switzerland), 2020, 10, 802.	1.3	11
54	Heavy metal stabilization of industrial solid wastes using low-grade magnesia, Portland and magnesia cements. Journal of Material Cycles and Waste Management, 2020, 22, 975-985.	1.6	13

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55	Fouling Challenges in Ceramic MBR Systems. , 2020, , 199-217.		4
56	Improvement of Manganese Feroxyhyteâ€™s Surface Charge with Exchangeable Ca Ions to Maximize Cd and Pb Uptake from Water. Materials, 2020, 13, 1762.	1.3	9
57	Groundwater and Soil Pollution: Bioremediation. , 2019, , 369-381.		11
58	Chromium and energy recovery from tannery wastewater treatment waste: Investigation of major mechanisms in the framework of circular economy. Journal of Environmental Chemical Engineering, 2019, 7, 103307.	3.3	27
59	The role of metal ions on p-CBA degradation by catalytic ozonation. Journal of Environmental Chemical Engineering, 2019, 7, 103324.	3.3	16
60	Biomass Characteristics and Their Effect on Membrane Bioreactor Fouling. Molecules, 2019, 24, 2867.	1.7	26
61	Fluoride removal from water by composite Al/Fe/Si/Mg pre-polymerized coagulants: Characterization and application. Chemosphere, 2019, 231, 528-537.	4.2	42
62	Treatment of Tannery Wastewater with Vibratory Shear-Enhanced Processing Membrane Filtration. Separations, 2019, 6, 20.	1.1	21
63	Recent Advances in Water and Wastewater Treatment with Emphasis in Membrane Treatment Operations. Water (Switzerland), 2019, 11, 45.	1.2	7
64	Performance of Heterogeneous Catalytic Ozonation with Minerals in Degradation of p-Chlorobenzoic Acid (p-CBA) from Aqueous Solutions. Proceedings (mdpi), 2019, 48, .	0.2	2
65	Metal Membrane Patents. Recent Patents on Engineering, 2019, 13, 55-68.	0.3	0
66	One step preparation of ZnFe ₂ O ₄ /Zn ₅ (OH) ₆ (CO ₃) ₂ nanocomposite with improved As(V) removal capacity. Separation Science and Technology, 2018, 53, 1457-1464.	1.3	1
67	Environmentally available hexavalent chromium in soils and sediments impacted by dispersed fly ash in Sarigliol basin (Northern Greece). Environmental Pollution, 2018, 235, 632-641.	3.7	46
68	Mechanism of SMP aggregation within the pores of hydrophilic and hydrophobic MBR membranes and aggregates detachment. Separation and Purification Technology, 2018, 202, 119-129.	3.9	41
69	Chemical toxicity and ecotoxicity evaluation of tannery sludge stabilized with ladle furnace slag. Journal of Environmental Management, 2018, 216, 257-262.	3.8	30
70	Continuous flow process of Cr(VI) removal from drinking water through reduction onto FeOOH by inorganic sulfur reductants. Water Science and Technology: Water Supply, 2018, 18, 737-744.	1.0	5
71	Hydraulic performance and fouling characteristics of a membrane sequencing batch reactor (MSBR) for landfill leachate treatment under various operating conditions. Environmental Science and Pollution Research, 2018, 25, 12274-12283.	2.7	6
72	Reductive precipitation and removal of Cr(VI) from groundwaters by pipe flocculation-microfiltration. Environmental Science and Pollution Research, 2018, 25, 12256-12262.	2.7	35

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73	Impact of O ₃ or O ₃ /H ₂ O ₂ treatment via a membrane contacting system on the composition and characteristics of the natural organic matter of surface waters. <i>Environmental Science and Pollution Research</i> , 2018, 25, 12246-12255.	2.7	10
74	Heterogeneous Catalytic Ozonation of p-Chlorobenzoic Acid in Aqueous Solution by FeMnOOH and PET. <i>Separations</i> , 2018, 5, 42.	1.1	6
75	Removal of Antimony Species, Sb(III)/Sb(V), from Water by Using Iron Coagulants. <i>Water (Switzerland)</i> , 2018, 10, 1328.	1.2	24
76	Performance Evaluation of Small Sized Powdered Ferric Hydroxide as Arsenic Adsorbent. <i>Water (Switzerland)</i> , 2018, 10, 957.	1.2	37
77	Stabilization of Cr-rich tannery waste in fly ash matrices. <i>Waste Management and Research</i> , 2018, 36, 818-826.	2.2	6
78	Cultivation, characterization, and properties of <i>Chlorella vulgaris</i> microalgae with different lipid contents and effect on fast pyrolysis oil composition. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23018-23032.	2.7	44
79	Application of a ceramic membrane contacting process for ozone and peroxone treatment of micropollutant contaminated surface water. <i>Journal of Hazardous Materials</i> , 2018, 358, 129-135.	6.5	34
80	“Cycle closure” in waste management: tools, procedures and examples. <i>Global Nest Journal</i> , 2018, 21, 1-6.	0.3	6
81	Wastewater Treatment in Membrane Bioreactors: The Use of Polyelectrolytes to Control Membrane Fouling. <i>Environmental Processes</i> , 2017, 4, 9-21.	1.7	6
82	Fouling control in a lab-scale MBR system: Comparison of several commercially applied coagulants. <i>Journal of Environmental Management</i> , 2017, 203, 838-846.	3.8	33
83	Batch and continuous dosing of conventional and composite coagulation agents for fouling control in a pilot-scale MBR. <i>Chemical Engineering Journal</i> , 2017, 311, 255-264.	6.6	33
84	Stabilization of tannery sludge by co-treatment with aluminum anodizing sludge and phytotoxicity of end-products. <i>Waste Management</i> , 2017, 61, 327-336.	3.7	19
85	Techno-economic evaluation of tetravalent manganese ferrihydrite for Hg uptake from flue gases in a fixed-bed adsorption configuration. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2077-2082.	3.3	9
86	Origin of hexavalent chromium in groundwater: The example of Sarigkiol Basin, Northern Greece. <i>Science of the Total Environment</i> , 2017, 593-594, 552-566.	3.9	70
87	Application of powdered activated carbon (PAC) for membrane fouling control in a pilot-scale MBR system. <i>Water Science and Technology</i> , 2017, 75, 2350-2357.	1.2	13
88	Production of demineralized water for use in thermal power stations by advanced treatment of secondary wastewater effluent. <i>Journal of Environmental Management</i> , 2017, 190, 132-139.	3.8	26
89	Effects of ozonation pretreatment on natural organic matter and wastewater derived organic matter “ Possible implications on the formation of ozonation by-products. <i>Chemosphere</i> , 2017, 170, 33-40.	4.2	37
90	Reflectance Spectroscopy (Vis-NIR) for Assessing Soil Heavy Metals Concentrations Determined by two Different Analytical Protocols, Based on ISO 11466 and ISO 14869-1. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	15

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91	The use of Sn(II) oxy-hydroxides for the effective removal of Cr(VI) from water: Optimization of synthesis parameters. <i>Science of the Total Environment</i> , 2017, 605-606, 190-198.	3.9	25
92	Vitrification of incinerated tannery sludge in silicate matrices for chromium stabilization. <i>Waste Management</i> , 2017, 59, 237-246.	3.7	32
93	Efficiency of Iron-Based Oxy-Hydroxides in Removing Antimony from Groundwater to Levels below the Drinking Water Regulation Limits. <i>Sustainability</i> , 2017, 9, 238.	1.6	20
94	Use of Novel Composite Coagulants for Arsenic Removal from Watersâ€”Experimental Insight for the Application of Polyferric Sulfate (PFS). <i>Sustainability</i> , 2017, 9, 590.	1.6	20
95	Effect of Organic Matter on Cr(VI) Removal from Groundwaters by Fe(II) Reductive Precipitation for Groundwater Treatment. <i>Water (Switzerland)</i> , 2017, 9, 389.	1.2	17
96	ROLE OF EXTRACELLULAR POLYMERIC SUBSTANCES ON TWO BIOLOGICAL REACTORS PERFORMANCE TREATING PHENOL. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1843-1852.	0.2	0
97	Rapid small-scale column tests for Cr(VI) removal by granular magnetite. <i>Water Science and Technology: Water Supply</i> , 2016, 16, 525-532.	1.0	12
98	Phosphate Removal from Effluent of Secondary Wastewater Treatment: Characterization of Recovered Precipitates and Potential Re-use as Fertilizer. <i>Waste and Biomass Valorization</i> , 2016, 7, 851-860.	1.8	9
99	Ozone Mass Transfer Studies in a Hydrophobized Ceramic Membrane Contactor: Experiments and Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 7587-7597.	1.8	28
100	Pilot-Scale Phosphate Recovery from Secondary Wastewater Effluents. <i>Environmental Processes</i> , 2016, 3, 5-22.	1.7	25
101	Influence of the background water matrix on the hybrid ceramic MgO system and correlation between pollutants rejection and membrane fouling. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 958-966.	1.6	1
102	Effect of climate change in WWTPs with a focus on MBR infrastructure. <i>Desalination and Water Treatment</i> , 2016, 57, 2344-2354.	1.0	17
103	Novel Water Treatment Processes Based on Hybrid Membrane-Ozonation Systems: A Novel Ceramic Membrane Contactor for Bubbleless Ozonation of Emerging Micropollutants. <i>Journal of Chemistry</i> , 2015, 2015, 1-12.	0.9	27
104	Removal of Toxic Materials from Aqueous Streams. , 2015, , 443-473.		3
105	WATERLOSS project: developing from theory to practice an integrated approach towards NRW reduction in urban water systems. <i>Desalination and Water Treatment</i> , 2015, 54, 2147-2157.	1.0	19
106	The use of steelmaking slag for sewage sludge stabilization. <i>Desalination and Water Treatment</i> , 2015, 55, 1697-1702.	1.0	9
107	Is the Coagulation-Filtration Process with Fe(III) Efficient for As(III) Removal from Groundwaters?. <i>Separation Science and Technology</i> , 2015, 50, 1587-1592.	1.3	11
108	Synthesis and coagulation performance of composite poly-aluminum-ferric-silicate-chloride coagulants in water and wastewater. <i>Desalination and Water Treatment</i> , 2015, 53, 3309-3318.	1.0	24

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109	Potential application of inorganic sulfur reductants for Cr(VI) removal at sub-ppb level. <i>Desalination and Water Treatment</i> , 2015, 54, 2067-2074.	1.0	11
110	Development of bubble-less ozonation and membrane filtration process for the treatment of contaminated water. <i>Journal of Membrane Science</i> , 2015, 492, 40-47.	4.1	37
111	Enhanced U(VI) removal from drinking water by nanostructured binary Fe/Mn oxy-hydroxides. <i>Journal of Water Process Engineering</i> , 2015, 7, 227-236.	2.6	22
112	1st EWaS-MED International Conference on Improving Efficiency of Water Systems in a Changing Natural and Financial Environment 11â€™13 April 2013, Thessaloniki, Greece. <i>Desalination and Water Treatment</i> , 2015, 54, 2057-2058.	1.0	0
113	Enhanced As(III) oxidation and removal by combined use of zero valent iron and hydrogen peroxide in aerated waters at neutral pH values. <i>Journal of Hazardous Materials</i> , 2015, 297, 1-7.	6.5	49
114	Effect of Climate Change in Wastewater Treatment Plants: Reviewing the Problems and Solutions. <i>Springer Water</i> , 2015, , 197-220.	0.2	15
115	Application of Zero Liquid Discharge Water Treatment Units for Wastewater Reclamation: Possible Application in Marine Ports. , 2015, , 39-45.		3
116	Arsenic occurrence in Europe: emphasis in Greece and description of the applied full-scale treatment plants. <i>Desalination and Water Treatment</i> , 2015, 54, 2100-2107.	1.0	69
117	Utilization of Phosphogypsum in Tannery Sludge Stabilization and Evaluation of the Radiological Impact. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 352-357.	1.3	17
118	Mercury removal from drinking water by single iron and binary iron-manganese oxyhydroxides. <i>Desalination and Water Treatment</i> , 2015, 54, 2082-2090.	1.0	16
119	Water Pipe Networks Performance Assessment: Benchmarking Eight Cases Across the EU Mediterranean Basin. <i>Water Quality, Exposure, and Health</i> , 2015, 7, 99-108.	1.5	15
120	Basic Principles of a DSS Tool Developed to Prioritize NRW Reduction Measures in Water Pipe Networks. <i>Water Quality, Exposure, and Health</i> , 2015, 7, 39-51.	1.5	16
121	Incineration of tannery sludge under oxic and anoxic conditions: Study of chromium speciation. <i>Journal of Hazardous Materials</i> , 2015, 283, 672-679.	6.5	92
122	Occurrence of Cr(VI) in drinking water of Greece and relation to the geological background. <i>Journal of Hazardous Materials</i> , 2015, 281, 2-11.	6.5	104
123	Geochemistry of Arsenic and Toxic Response. , 2015, , 96-129.		0
124	The Incorporation of Ceramic Membranes in MBR Systems for Wastewater Treatment: Advantages and Patented New Developments. <i>Recent Patents on Engineering</i> , 2014, 8, 24-32.	0.3	16
125	Fouling Issues in Membrane Bioreactors (MBRs) for Wastewater Treatment: Major Mechanisms, Prevention and Control Strategies. <i>Processes</i> , 2014, 2, 795-866.	1.3	90
126	Hybrid membrane processes for the treatment of surface water and mitigation of membrane fouling. <i>Separation and Purification Technology</i> , 2014, 137, 43-52.	3.9	25

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127	Hybrid ozonation-microfiltration system for the treatment of surface water using ceramic membrane. <i>Journal of Membrane Science</i> , 2014, 468, 163-171.	4.1	40
128	Review of Recent Patents on Coagulation / Flocculation (C/F) Process: Methods and Applications with Emphasis on Phosphates Removal. <i>Recent Patents on Materials Science</i> , 2014, 7, 151-163.	0.5	3
129	Comparative study of As(V) removal by ferric coagulation and oxy-hydroxides adsorption: laboratory and full-scale case studies. <i>Desalination and Water Treatment</i> , 2013, 51, 2872-2880.	1.0	32
130	Removal of uranium from contaminated drinking water: a mini review of available treatment methods. <i>Desalination and Water Treatment</i> , 2013, 51, 2915-2925.	1.0	90
131	NanoMembraneWater: development of innovative hybrid processes for contaminated water treatment using nanoporous membranes. <i>Desalination and Water Treatment</i> , 2013, 51, 4938-4946.	1.0	4
132	Protozoans as indicators of sequential batch processes for phenol treatment; an autoecological approach. <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 210-218.	2.9	10
133	A new set of water losses-related performance indicators focused on areas facing water scarcity conditions. <i>Desalination and Water Treatment</i> , 2013, 51, 2994-3010.	1.0	31
134	Indicators and options towards sustainability in industrial areas. <i>International Journal of Innovation and Sustainable Development</i> , 2013, 7, 215.	0.3	3
135	Assessing the performance of urban water networks across the EU Mediterranean area: The paradox of high NRW levels and absence of respective reduction measures. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 939-950.	1.0	23
136	Artificial destratification of Dipotamos reservoir in Northern Greece by low energy air injection. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 1046-1055.	1.0	1
137	The use of a submerged membrane batch reactor (S.M.B.R) for co-treatment of landfill leachates and domestic wastewater. <i>Desalination and Water Treatment</i> , 2012, 39, 284-290.	1.0	6
138	Evaluation of the treatment efficiency of the central treatment unit (CTU) of the industrial area of Larisa(Greece). <i>Desalination and Water Treatment</i> , 2012, 39, 248-255.	1.0	0
139	Cadmium ion removal by electroflotation onto sewage sludge biomass. <i>International Journal of Environment and Waste Management</i> , 2012, 9, 245.	0.2	7
140	Synthesis, characterization and coagulation behavior of a composite coagulation reagent by the combination of polyferric sulfate (PFS) and cationic polyelectrolyte. <i>Separation and Purification Technology</i> , 2012, 96, 263-273.	3.9	28
141	Preparation, characterisation and application of novel composite coagulants for surface water treatment. <i>Water Research</i> , 2011, 45, 3614-3626.	5.3	44
142	Advances in coagulation/flocculation field: Al- and Fe-based composite coagulation reagents. <i>Desalination and Water Treatment</i> , 2011, 33, 140-146.	1.0	11
143	2nd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE). <i>Desalination and Water Treatment</i> , 2011, 33, 1-2.	1.0	2
144	Effects of influent composition on activated sludge protozoa. <i>Desalination and Water Treatment</i> , 2011, 33, 132-139.	1.0	2

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145	Hydrophobicity in biosorptive flotation for metal ion removal. <i>International Journal of Environmental Technology and Management</i> , 2010, 12, 192.	0.1	5
146	A CFD-based simulation study of a large scale flocculation tank for potable water treatment. <i>Chemical Engineering Journal</i> , 2010, 162, 208-216.	6.6	34
147	Alternative cost-effective preparation method of polyaluminium chloride (PAC) coagulant agent: Characterization and comparative application for water/wastewater treatment. <i>Desalination</i> , 2010, 250, 339-344.	4.0	51
148	Novel inorganic-organic composite coagulants based on aluminium. <i>Desalination and Water Treatment</i> , 2010, 13, 340-347.	1.0	25
149	AQUA 2008 International Conference on Water Science and Technology Integrated Water Resources Management. <i>Desalination and Water Treatment</i> , 2010, 13, 274-274.	1.0	0
150	Removal of Copper From Synthetic Wastewaters by the Hybrid Coagulation-Microfiltration Process. <i>Separation Science and Technology</i> , 2010, 45, 1658-1666.	1.3	5
151	Theoretical assessment of phosphate amendments for stabilization of (Pb+Zn) in polluted soil. <i>Waste Management</i> , 2009, 29, 1779-1784.	3.7	28
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322	Methylmercury determination in sub-ppb level by cold vapor analysis: facts, mechanisms and optimization. , 0, , .		1