

Reactions of chlorine with inorganic and organic compounds in water treatment – Kinetics and mechanisms: A critical review

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Citation Report

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11	Polyethylene glycol improves phenol removal by immobilized turnip peroxidase. <i>Bioresource Technology</i> , 2008, 99, 8605-8611.	4.8	61
12	Chemical Modification of Turnip Peroxidase with Methoxypolyethylene Glycol Enhances Activity and Stability for Phenol Removal Using the Immobilized Enzyme. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8058-8065.	2.4	26
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14	Evaluation of Functional Groups Responsible for Chloroform Formation during Water Chlorination Using Compound Specific Isotope Analysis. <i>Environmental Science & Technology</i> , 2008, 42, 7778-7785.	4.6	58
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16	Disinfection Byproduct Formation and Fractionation Behavior of Natural Organic Matter Surrogates. <i>Environmental Science & Technology</i> , 2009, 43, 5982-5989.	4.6	147
17	Paired removal of color and COD from textile dyeing wastewater by simultaneous anodic and indirect cathodic oxidation. <i>Journal of Hazardous Materials</i> , 2009, 169, 16-22.	6.5	64
18	Ca ²⁺ and Mg ²⁺ present in hard waters enhance trihalomethane formation. <i>Journal of Hazardous Materials</i> , 2009, 169, 901-906.	6.5	28
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22	Applying Surrogates and Indicators to Assess Removal Efficiency of Trace Organic Chemicals during Chemical Oxidation of Wastewaters. <i>Environmental Science & Technology</i> , 2009, 43, 6242-6247.	4.6	117
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757	Enhanced Coagulation with Mn(III) Pre-Oxidation for Treatment of Micro-Polluted Raw Water. <i>Water (Switzerland)</i> , 2019, 11, 2302.	1.2	5
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764	Decolorization and Degradation of a Mixture of Industrial Azo Dyes by Anodic Oxidation Using a $\text{Ti/Ru}_{0.3}\text{Ti}_{0.7}\text{O}_2$ (DSA- Cl_2) Electrode.. <i>ChemistrySelect</i> , 2019, 4, 13856-13866.	0.7	13
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766	A novel method for total chlorine detection using machine learning with electrode arrays. <i>RSC Advances</i> , 2019, 9, 34196-34206.	1.7	5
767	Seawater desalination by over-potential membrane capacitive deionization: Opportunities and hurdles. <i>Chemical Engineering Journal</i> , 2019, 357, 103-111.	6.6	90
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812	Emerging investigator series: locally enhanced electric field treatment (LEEFT) with nanowire-modified electrodes for water disinfection in pipes. <i>Environmental Science: Nano</i> , 2020, 7, 397-403.	2.2	25
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823	Assessment of water contamination and health risk of endocrine disrupting chemicals in outdoor and indoor swimming pools. <i>Science of the Total Environment</i> , 2020, 704, 135277.	3.9	17
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830	Restoring the Nitrogen Cycle by Electrochemical Reduction of Nitrate: Progress and Prospects. <i>Small Methods</i> , 2020, 4, 2000672.	4.6	225
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835	Chlorination and bromination of olefins: Kinetic and mechanistic aspects. <i>Water Research</i> , 2020, 187, 116424.	5.3	25
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859	Dark Chemistry during Bleach Cleaning Enhances Oxidation of Organics and Secondary Organic Aerosol Production Indoors. <i>Environmental Science and Technology Letters</i> , 2020, 7, 795-801.	3.9	35
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886	Control Strategies to Combat Dissemination of Antibiotic Resistance in Urban Water Systems. <i>Handbook of Environmental Chemistry</i> , 2020, , 147-187.	0.2	4
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889	Towards a Predictive Model for Initial Chlorine Dose in Humanitarian Emergencies. <i>Water (Switzerland)</i> , 2020, 12, 1506.	1.2	5
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1355	Hygiene status of blueberry harvest containers cleaned and sanitized with various approaches. <i>Food Bioscience</i> , 2023, 52, 102434.	2.0	0
1356	Changes in molecular dissolved organic matter during coagulation/sedimentation and chlorine and chlorine dioxide disinfection by non-target (or unknown) screening analysis. <i>Journal of Water Process Engineering</i> , 2023, 52, 103528.	2.6	4
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