





Special Issue Reprint

Advanced Oxidation Catalysts

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What steps can we take to address the increasing problem of water pollution when traditional treatment methods do not work? This reprint presents an innovative solution—advanced oxidation catalysts (AOCs). Created to tackle persistent pollutants such as pharmaceuticals, pesticides, and microplastics, AOCs have become important advancements in the area of wastewater treatment.

This in-depth volume thoroughly investigates the design, synthesis, and use of AOCs, connecting research with practical applications. It examines catalytic mechanisms, the optimization of processes, and the difficulties in scaling these technologies for use in industry. With contributions from leading experts, this reprint offers actionable strategies to address the limitations of current water treatment methods.

Whether you are a researcher, environmental engineer, policy maker, or student, this reprint provides you with the information that you need to use advanced oxidation processes effectively. It outlines a pathway to sustainable water management, enabling you to contribute to solving one of the critical environmental challenges of our era.





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