



catalysts

IMPACT
FACTOR
3.9

CITESCORE
6.3

Special Issue Reprint

Novel Heterogeneous Catalysts for Advanced Oxidation Processes (AOPs)

www.mdpi.com/books/reprint/5569

Edited by

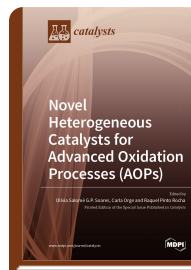
Olívia Salomé G.P. Soares

Carla Orge

Raquel Pinto Rocha

ISBN 978-3-0365-4283-6 (Hardback)

ISBN 978-3-0365-4284-3 (PDF)



With the increasing global usage of water and the continuous addition of contaminants to water sources, new challenges have arisen that are associated with the abatement of organic pollutants, particularly those that are refractory to conventional water and wastewater treatment technologies. Advanced oxidation processes (AOPs) present a competitive alternative to promote the oxidation of organic contaminants by strong oxidative radicals generated from oxygen, ozone, wet peroxide, and UV radiation. The use of catalysts not only improves efficiency but may present remarkable cost advantages for practical applications of AOPs in the abatement of several pollutants. In this Special Issue of *Catalysts*, we invite authors to submit original research papers focused on the synthesis and characterization of novel heterogeneous catalysts and their uses in advanced oxidation processes for the removal of organic pollutants from aqueous solutions.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/5569

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.