NOMBRE: ABDOULAYE THIAM

ESTUDIOS

ANTECEDENTES ACADÉMICOS	ÁREA DEL CONOCIMIENTO	INSTITUCIÓN	AÑO
TÍTULO PROFESIONAL	Licenciado en ciencia con mención en Química y Física	Universidad Cheih Anta Diop de Dakar	2009
MAGÍSTER	---	---	---
DOCTORADO	Electroquímica ciencia y tecnología	Universidad de Barcelona	2015
OTROS ESTUDIOS	Periodo de formación del Doctorado Interuniversitario Electroquímica: Ciencia y Tecnología	Universidad Politécnica de Cartagena	2011

ACTIVIDADES DOCENTES

NIVEL	ESPECIALIDAD	INSTITUCIÓN	AÑO
PREGRADO	---	---	---
POSTGRADOS	---	---	---
DOCTORADO	---	---	---
OTROS	---	---	---

PUBLICACIONES últimos 5 años

TÍTULO	TIPO DE PUBLICACIÓN	AÑO
Treatment of Industrial Textile Wastewater by Solar Photoelectro-Fenton Process: Influence of Solar Radiation	ISI	2019
Fenton-based electrochemical degradation of metolachlor in aqueous solution by means of bdd and pt electrodes: influencing factors and reaction pathways	ISI	2019
On the performance of electrocatalytic anodes for photoelectro-Fenton treatment of synthetic solutions and real water spiked with the herbicide chloramben	ISI	2018
Electrochemical advanced oxidation of carbofuran in aqueous sulfate and/or chloride media using a flow cell with a RuO_2-based anode and an airdiffusion cathode at pre-pilot scale	ISI	2018
Enhanced Degradation of the Industrial Textile Dye Disperse Red BG by Electrochemical Process with Different Anodes	ISI	2017
Electrochemical destruction of trans-cinnamic acid by advanced oxidation processes: kinetics, mineralization, and degradation route	ISI	2017
Treatment of single and mixed pesticide formulations by solar photoelectro-Fenton using a flow plant	ISI	2017
Application of anodic oxidation, electro-Fenton and UVA photoelectro-Fenton to decolorize and mineralize acidic solutions of Reactive Yellow 160 azo dye	ISI	2016
Incineration of acidic aqueous solutions of dopamine by electrochemical advanced oxidation processes with Pt and BDD anodes	ISI	2016
Effective removal of Orange-G azo dye from water by electro-Fenton and photoelectro-Fenton processes using a boron-doped diamond anode	ISI	2016
Routes for the electrochemical degradation of the artificial food azo-colour Ponceau 4R by advanced oxidation processes	ISI	2016

Electrochemical reactivity of Ponceau 4R (food additive E124) in different electrolytes and batch cells	ISI	2015
Treatment of a mixture of food color additives (E122, E124 and E129) in different water matrices by UVA and solar photoelectro-Fenton	ISI	2015
Decolorization and mineralization of Allura Red AC azo dye by solar photoelectro-Fenton: Identification of intermediates	ISI	2015
Decolorization and mineralization of Allura Red AC aqueous solutions by electrochemical advanced oxidation processes	ISI	2015
Effect of anions on electrochemical degradation of azo dye Carmoisine (Acid Red 14) using a BDD anode and air-diffusion cathode	ISI	2015
Two-step mineralization of Tartrazine solutions: Study of parametersand by-products during the coupling of electrocoagulation with electrochemical advanced oxidation processes	ISI	2014
A first pre-pilot system for the combined treatment of dye pollutants by electrocoagulation/EAOPs	ISI	2014

PROYECTOS DE INVESTIGACIÓN EN PROYECTOS CONCURSABLES últimos 5 años

NOMBRE	ROL	AÑO
Degradation of pesticides from aqueous systems by electrochemical technologies in different waters matrices at lab-scale and in a pre-pilot plant (fondecyt postdoctorado 3160753)	Investigador Responsable	2015
Electrochemical advanced oxidation processes for the removal of emerging pollutants: use of natural minerals as sustainable catalysis (Fondecyt iniciación 11170882)	Investigador Responsable	2017
Degradation of persistent organic pollutants by electrochemical advanced oxidation processes: importance of electrode material (ecos-conicyt)	Co-investigador	2018