

VÃ-ctor M Sarria

List of Publications by Year in descending order

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14
papers

1,153
citations

623734

14
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in the coupling of photoassisted and aerobic biological processes for the treatment of biorecalcitrant compounds. <i>Catalysis Today</i> , 2002, 76, 301-315.	4.4	244
2	Photochemical versus coupled photochemical–biological flow system for the treatment of two biorecalcitrant herbicides: metobromuron and isoproturon. <i>Applied Catalysis B: Environmental</i> , 2000, 27, 153-168.	20.2	140
3	An innovative coupled solar-biological system at field pilot scale for the treatment of biorecalcitrant pollutants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 159, 89-99.	3.9	125
4	Photo-Fenton treatment of a biorecalcitrant wastewater generated in textile activities: biodegradability of the photo-treated solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 151, 129-135.	3.9	122
5	Degradation of a biorecalcitrant dye precursor present in industrial wastewaters by a new integrated iron(III) photoassisted–biological treatment. <i>Applied Catalysis B: Environmental</i> , 2003, 40, 231-246.	20.2	98
6	Degradation of chlorophenols by sequential biological-advanced oxidative process using <i>Trametes pubescens</i> and TiO ₂ /UV. <i>Bioresource Technology</i> , 2010, 101, 3493-3499.	9.6	88
7	Electrochemical treatment of industrial wastewater containing 5-amino-6-methyl-2-benzimidazolone: toward an electrochemical–biological coupling. <i>Water Research</i> , 2003, 37, 3118-3124.	11.3	84
8	Evaluation of toxicity and degradation of a chlorophenol mixture by the laccase produced by <i>Trametes pubescens</i> . <i>Bioresource Technology</i> , 2011, 102, 3632-3635.	9.6	72
9	Innovative High-Surface-Area CuO Pretreated Cotton Effective in Bacterial Inactivation under Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2547-2552.	8.0	57
10	Photocatalytic discoloration of organic compounds on outdoor building cement panels modified by photoactive coatings. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 188, 334-341.	3.9	42
11	Solar degradation of 5-amino-6-methyl-2-benzimidazolone by TiO ₂ and iron(III) catalyst with H ₂ O ₂ and O ₂ as electron acceptors. <i>Energy</i> , 2004, 29, 853-860.	8.8	25
12	Evaluation of UV/TiO ₂ and UV/ZnO photocatalytic systems coupled to a biological process for the treatment of bleaching pulp mill effluent. <i>Chemosphere</i> , 2012, 89, 732-736.	8.2	22
13	New helio-photocatalytic–photovoltaic hybrid system for simultaneous water decontamination and solar energy conversion. <i>Solar Energy</i> , 2005, 79, 353-359.	6.1	18
14	Electrochemical properties and electro-aggregation of silver carbonate sol on polycrystalline platinum electrode and its electrocatalytic activity towards glyphosate oxidation. <i>Electrochemistry Communications</i> , 2007, 9, 2585-2590.	4.7	16