

# M M Ballesteros MartÃ- n

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,122  
citations

471371

17  
h-index

580701

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1337  
citing authors

#	ARTICLE	IF	CITATIONS
1	From traditional paper to nanocomposite films: Analysis of global research into cellulose for food packaging. <i>Food Packaging and Shelf Life</i> , 2022, 31, 100788.	3.3	16
2	Applications of cellulose-based agents for flocculation processes: a bibliometric analysis. <i>Cellulose</i> , 2021, 28, 9857-9871.	2.4	4
3	Worldwide Research Trends on Solar-Driven Water Disinfection. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9396.	1.2	6
4	Soda-anthraquinone pulping and cationization of <i>Posidonia oceanica</i> . <i>BioResources</i> , 2019, 14, 9228-9243.	0.5	5
5	Wastewater disinfection by neutral pH photo-Fenton: The role of solar radiation intensity. <i>Applied Catalysis B: Environmental</i> , 2016, 181, 1-6.	10.8	38
6	Cationization of Alpha-Cellulose to Develop New Sustainable Products. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-9.	1.2	16
7	Principal parameters affecting virus inactivation by the solar photo-Fenton process at neutral pH and 1/4M concentrations of H <sub>2</sub> O <sub>2</sub> and Fe <sup>2+</sup> /3 <sup>+</sup> . <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 395-402.	10.8	45
8	A new bioseed for determination of wastewater biodegradability: analysis of the experimental procedure. <i>Environmental Science and Pollution Research</i> , 2014, 21, 9522-9528.	2.7	0
9	Solar photo-Fenton for water disinfection: An investigation of the competitive role of model organic matter for oxidative species. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 484-489.	10.8	49
10	Inactivation of natural enteric bacteria in real municipal wastewater by solar photo-Fenton at neutral pH. <i>Water Research</i> , 2014, 63, 316-324.	5.3	57
11	Inactivation of <i>Enterococcus faecalis</i> in simulated wastewater treatment plant effluent by solar photo-Fenton at initial neutral pH. <i>Catalysis Today</i> , 2013, 209, 195-200.	2.2	39
12	Water disinfection using photo-Fenton: Effect of temperature on <i>Enterococcus faecalis</i> survival. <i>Water Research</i> , 2012, 46, 6154-6162.	5.3	63
13	An analysis of the bacterial community in a membrane bioreactor fed with photo-Fenton pre-treated toxic water. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 1171-1178.	1.4	9
14	Economic evaluation of the photo-Fenton process. Mineralization level and reaction time: The keys for increasing plant efficiency. <i>Journal of Hazardous Materials</i> , 2011, 186, 1924-1929.	6.5	64
15	Integration of Solar Photocatalysis and Membrane Bioreactor for Pesticides Degradation. <i>Separation Science and Technology</i> , 2010, 45, 1571-1578.	1.3	19
16	A comparative study of different tests for biodegradability enhancement determination during AOP treatment of recalcitrant toxic aqueous solutions. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1189-1195.	2.9	42
17	Confirming <i>Pseudomonas putida</i> as a reliable bioassay for demonstrating biocompatibility enhancement by solar photo-oxidative processes of a biorecalcitrant effluent. <i>Journal of Hazardous Materials</i> , 2009, 162, 1223-1227.	6.5	14
18	Degradation of a four-pesticide mixture by combined photo-Fenton and biological oxidation. <i>Water Research</i> , 2009, 43, 653-660.	5.3	133

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19	Effect of pesticide concentration on the degradation process by combined solar photo-Fenton and biological treatment. <i>Water Research</i> , 2009, 43, 3838-3848.	5.3	50
20	A kinetics study on the biodegradation of synthetic wastewater simulating effluent from an advanced oxidation process using <i>Pseudomonas putida</i> CECT 324. <i>Journal of Hazardous Materials</i> , 2008, 151, 780-788.	6.5	24
21	Degradation of alachlor and pyrimethanil by combined photo-Fenton and biological oxidation. <i>Journal of Hazardous Materials</i> , 2008, 155, 342-349.	6.5	73
22	Combined photo-Fenton and biological oxidation for pesticide degradation: Effect of photo-treated intermediates on biodegradation kinetics. <i>Chemosphere</i> , 2008, 70, 1476-1483.	4.2	40
23	Ultrasound affects fungal morphology and broth rheology of <i>Aspergillus terreus</i> . <i>Journal of Biotechnology</i> , 2008, 136, S489-S490.	1.9	4
24	Simultaneous Determination of Oxygen Consumption Rate and Volumetric Oxygen Transfer Coefficient in Pneumatically Agitated Bioreactors. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 1167-1171.	1.8	38
25	Solar photocatalytic degradation and detoxification of EU priority substances. <i>Catalysis Today</i> , 2005, 101, 203-210.	2.2	135
26	Decomposition of diclofenac by solar driven photocatalysis at pilot plant scale. <i>Catalysis Today</i> , 2005, 101, 219-226.	2.2	138
27	UNIVERSITY STUDENTS DEVELOPING IMAGINATIVE PROBLEM SOLVING SKILLS – THE CASE OF FOOD ENGINEERING. , 0, , .		1