# JosÃ© Antonio SÃ¡nchez PÃ©rez

List of Publications by Year
in descending order



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|---|---|---|---|
| 178 papers | 11,250 citations | 31902 53 h-index | 38300 95 g-index |
| 182 all docs | 182 docs citations | 182 times ranked | 9375 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A new solar photo-Fenton strategy for wastewater reclamation based on simultaneous supply of H2O2 and NaOCl. Science of the Total Environment, 2022, 834, 155273. | 3.9 | 5 |
| 2 | Mechanistic modelling of wastewater disinfection by the photo-Fenton process at circumneutral pH. Chemical Engineering Journal, 2021, 403, 126335. | 6.6 | 23 |
| 3 | Treatment of laundry wastewater by solar photo-Fenton process at pilot plant scale. Environmental Science and Pollution Research, 2021, 28, 8576-8584. | 2.7 | 12 |
| 4 | Perspectives of the solar photo-Fenton process against the spreading of pathogens, antibiotic-resistant bacteria and genes in the environment. Current Opinion in Green and Sustainable Chemistry, 2021, 27, 100416. | 3.2 | 13 |
| 5 | Computational fluid dynamics (CFD) modeling of removal of contaminants of emerging concern in solar photo-Fenton raceway pond reactors. Chemical Engineering Journal, 2021, 413, 127392. | 6.6 | 8 |
| 6 | Two strategies of solar photo-Fenton at neutral pH for the simultaneous disinfection and removal of contaminants of emerging concern. Comparative assessment in raceway pond reactors. Catalysis Today, 2021, 361, 17-23. | 2.2 | 27 |
| 7 | Simultaneous Disinfection and Organic Microcontaminant Removal by UVC-LED-Driven Advanced Oxidation Processes. Water (Switzerland), 2021, 13, 1507. | 1.2 | 4 |
| 8 | Removal of pharmaceuticals in hospital wastewater by solar photo-Fenton with Fe3+-EDDS using a pilot raceway pond reactor: Transformation products and in silico toxicity assessment. Microchemical Journal, 2021, 164, 106014. | 2.3 | 16 |
| 9 | Assessment of different iron sources for continuous flow solar photo-Fenton at neutral pH for sulfamethoxazole removal in actual MWWTP effluents. Journal of Water Process Engineering, 2021, 42, 102109. | 2.6 | 13 |
| 10 | Worldwide Research Trends on Solar-Driven Water Disinfection. International Journal of Environmental Research and Public Health, 2021, 18, 9396. | 1.2 | 6 |
| 11 | Solar processes and ozonation for fresh-cut wastewater reclamation and reuse: Assessment of chemical, microbiological and chlorosis risks of raw-eaten crops. Water Research, 2021, 203, 117532. | 5.3 | 5 |
| 12 | Contribution of temperature and photon absorption on solar photo-Fenton mediated by Fe3+-NTA for CEC removal in municipal wastewater. Applied Catalysis B: Environmental, 2021, 294, 120251. | 10.8 | 24 |
| 13 | Simultaneous bacterial inactivation and microcontaminant removal by solar photo-Fenton mediated by Fe3+-NTA in WWTP secondary effluents. Water Research, 2021, 205, 117686. | 5.3 | 16 |
| 14 | Application of solar photo-Fenton in raceway pond reactors: A review. Science of the Total Environment, 2021, 800, 149653. | 3.9 | 24 |
| 15 | Enhanced activated persulfate oxidation of ciprofloxacin using a low-grade titanium ore under sunlight: influence of the irradiation source on its transformation products. Environmental Science and Pollution Research, 2021, 28, 24008-24022. | 2.7 | 3 |
| 16 | Unfolding the action mode of light and homogeneous vs. heterogeneous photo-Fenton in bacteria disinfection and concurrent elimination of micropollutants in urban wastewater, mediated by iron oxides in Raceway Pond Reactors. Applied Catalysis B: Environmental, 2020, 263, 118158. | 10.8 | 28 |
| 17 | Synthetic fresh-cut wastewater disinfection and decontamination by ozonation at pilot scale. Water Research, 2020, 170, 115304. | 5.3 | 27 |
| 18 | Best available technologies and treatment trains to address current challenges in urban wastewater reuse for irrigation of crops in EU countries. Science of the Total Environment, 2020, 710, 136312. | 3.9 | 167 |

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| 19 | New trend on open solar photoreactors to treat micropollutants by photo-Fenton at circumneutral pH: Increasing optical pathway. Chemical Engineering Journal, 2020, 385, 123982. | 6.6 | 49 |
| 20 | Wastewater Treatment by Advanced Oxidation Process and Their Worldwide Research Trends. International Journal of Environmental Research and Public Health, 2020, 17, 170. | 1.2 | 244 |
| 21 | Fresh-cut wastewater reclamation: Techno-Economical assessment of solar driven processes at pilot plant scale. Applied Catalysis B: Environmental, 2020, 278, 119334. | 10.8 | 18 |
| 22 | Micropollutant degradation by the heterogeneous solar photo-Fenton process at circumneutral PH using copper slag. Journal of Water Process Engineering, 2020, 38, 101562. | 2.6 | 13 |
| 23 | Removal and Degradation of Pharmaceutically Active Compounds (PhACs) in Wastewaters by Solar Advanced Oxidation Processes. Handbook of Environmental Chemistry, 2020, , 299-326. | 0.2 | 2 |
| 24 | Neutral or acidic pH for the removal of contaminants of emerging concern in wastewater by solar photo-Fenton? A techno-economic assessment of continuous raceway pond reactors. Science of the Total Environment, 2020, 736, 139681. | 3.9 | 40 |
| 25 | Removal of contaminants of emerging concern by continuous flow solar photo-Fenton process at neutral pH in open reactors. Journal of Environmental Management, 2020, 261, 110265. | 3.8 | 33 |
| 26 | Modeling persulfate activation by iron and heat for the removal of contaminants of emerging concern using carbamazepine as model pollutant. Chemical Engineering Journal, 2020, 389, 124445. | 6.6 | 11 |
| 27 | Determination of dextromethorphan and dextrorphan solar photo-transformation products by LC/Q-TOF-MS: Laboratory scale experiments and real water samples analysis. Environmental Pollution, 2020, 265, 114722. | 3.7 | 8 |
| 28 | Fe3+-NTA as iron source for solar photo-Fenton at neutral pH in raceway pond reactors. Science of the Total Environment, 2020, 736, 139617. | 3.9 | 44 |
| 29 | Comparison of different detoxification pilot plants for the treatment of industrial wastewater by solar photo-Fenton: Are raceway pond reactors a feasible option?. Science of the Total Environment, 2019, 648, 601-608. | 3.9 | 25 |
| 30 | Environmental impacts of an advanced oxidation process as tertiary treatment in a wastewater treatment plant. Science of the Total Environment, 2019, 694, 133572. | 3.9 | 91 |
| 31 | Effect of liquid depth on microcontaminant removal by solar photo-Fenton with Fe(III):EDDS at neutral pH in high salinity wastewater. Environmental Science and Pollution Research, 2019, 26, 28071-28079. | 2.7 | 7 |
| 32 | TiO2 photocatalysis under natural solar radiation for the degradation of the carbapenem antibiotics imipenem and meropenem in aqueous solutions at pilot plant scale. Water Research, 2019, 166, 115037. | 5.3 | 67 |
| 33 | Determination of pesticide levels in wastewater from an agro-food industry: Target, suspect and transformation product analysis.. Chemosphere, 2019, 232, 152-163. | 4.2 | 70 |
| 34 | Effect of solar photo-Fenton process in raceway pond reactors at neutral pH on antibiotic resistance determinants in secondary treated urban wastewater. Journal of Hazardous Materials, 2019, 378, 120737. | 6.5 | 71 |
| 35 | On the design and operation of solar photo-Fenton open reactors for the removal of contaminants of emerging concern from WWTP effluents at neutral pH. Applied Catalysis B: Environmental, 2019, 256, 117801. | 10.8 | 24 |
| 36 | Kinetic assessment of antibiotic resistant bacteria inactivation by solar photo-Fenton in batch and continuous flow mode for wastewater reuse. Water Research, 2019, 159, 184-191. | 5.3 | 28 |

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| 37 | Commercial fertilizer as effective iron chelate (Fe3+-EDDHA) for wastewater disinfection under natural sunlight for reusing in irrigation. Applied Catalysis B: Environmental, 2019, 253, 286-292. | 10.8 | 20 |
| 38 | Introduction by Guest Editors. Catalysis Today, 2019, 328, 1. | 2.2 | 0 |
| 39 | Identification of opioids in surface and wastewaters by LC/QTOF-MS using retrospective data analysis. Science of the Total Environment, 2019, 664, 874-884. | 3.9 | 36 |
| 40 | Assessment of solar raceway pond reactors for removal of contaminants of emerging concern by photo-Fenton at circumneutral pH from very different municipal wastewater effluents. Chemical Engineering Journal, 2019, 366, 141-149. | 6.6 | 77 |
| 41 | Continuous flow disinfection of WWTP secondary effluents by solar photo-Fenton at neutral pH in raceway pond reactors at pilot plant scale. Applied Catalysis B: Environmental, 2019, 247, 115-123. | 10.8 | 36 |
| 42 | Mechanistic modeling of solar photo-Fenton process with Fe3+-EDDS at neutral pH. Applied Catalysis B: Environmental, 2018, 233, 234-242. | 10.8 | 55 |
| 43 | Photochemical degradation of the carbapenem antibiotics imipenem and meropenem in aqueous solutions under solar radiation. Water Research, 2018, 128, 61-70. | 5.3 | 39 |
| 44 | Effective solar processes in fresh-cut wastewater disinfection: Inactivation of pathogenic E. coli O157:H7 and Salmonella enteritidis. Catalysis Today, 2018, 313, 79-85. | 2.2 | 23 |
| 45 | Effect of volumetric rate of photon absorption on the kinetics of micropollutant removal by solar photo-Fenton with Fe3+-EDDS at neutral pH. Chemical Engineering Journal, 2018, 331, 84-92. | 6.6 | 43 |
| 46 | Wild bacteria inactivation in WWTP secondary effluents by solar photo-fenton at neutral pH in raceway pond reactors. Catalysis Today, 2018, 313, 72-78. | 2.2 | 34 |
| 47 | Analysis of Environmental Taxes to Finance Wastewater Treatment in Spain: An Opportunity for Regeneration?. Water (Switzerland), 2018, 10, 226. | 1.2 | 10 |
| 48 | Combination of nanofiltration and ozonation for the remediation of real municipal wastewater effluents: Acute and chronic toxicity assessment. Journal of Hazardous Materials, 2017, 323, 442-451. | 6.5 | 79 |
| 49 | Ecotoxicity evaluation of a WWTP effluent treated by solar photo-Fenton at neutral pH in a raceway pond reactor. Environmental Science and Pollution Research, 2017, 24, 1093-1104. | 2.7 | 40 |
| 50 | Strategies for reducing cost by using solar photo-Fenton treatment combined with nanofiltration to remove microcontaminants in real municipal effluents: Toxicity and economic assessment. Chemical Engineering Journal, 2017, 318, 161-170. | 6.6 | 75 |
| 51 | Effect of temperature and photon absorption on the kinetics of micropollutant removal by solar photo-Fenton in raceway pond reactors. Chemical Engineering Journal, 2017, 310, 464-472. | 6.6 | 38 |
| 52 | Microcontaminant removal in secondary effluents by solar photo-Fenton at circumneutral pH in raceway pond reactors. Catalysis Today, 2017, 287, 10-14. | 2.2 | 49 |
| 53 | Does micropollutant removal by solar photoâ€Fenton reduce ecotoxicity in municipal wastewater? A comprehensive study at pilot scale open reactors. Journal of Chemical Technology and Biotechnology, 2017, 92, 2114-2122. | 1.6 | 23 |
| 54 | Effect of residence time on micropollutant removal in WWTP secondary effluents by continuous solar photo-Fenton process in raceway pond reactors. Chemical Engineering Journal, 2017, 316, 1114-1121. | 6.6 | 52 |

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| 55 | Low cost UVA-LED as a radiation source for the photo-Fenton process: a new approach for micropollutant removal from urban wastewater. Photochemical and Photobiological Sciences, 2017, 16, 72-78. | 1.6 | 22 |
| 56 | Fast determination of pesticides and other contaminants of emerging concern in treated wastewater using direct injection coupled to highly sensitive ultra-high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2017, 1507, 84-94. | 1.8 | 100 |
| 57 | Pyrimethanil degradation by photo-Fenton process: Influence of iron and irradiance level on treatment cost. Science of the Total Environment, 2017, 605-606, 230-237. | 3.9 | 30 |
| 58 | Solar disinfection is an augmentable, in situ -generated photo-Fenton reactionâ€"Part 1: A review of the mechanisms and the fundamental aspects of the process. Applied Catalysis B: Environmental, 2016, 199, 199-223. | 10.8 | 253 |
| 59 | Solar disinfection is an augmentable, in situ-generated photo-Fenton reactionâ€"Part 2: A review of the applications for drinking water and wastewater disinfection. Applied Catalysis B: Environmental, 2016, 198, 431-446. | 10.8 | 160 |
| 60 | Performance of different advanced oxidation processes for tertiary wastewater treatment to remove the pesticide acetamiprid. Journal of Chemical Technology and Biotechnology, 2016, 91, 72-81. | 1.6 | 64 |
| 61 | Is the combination of nanofiltration membranes and AOPs for removing microcontaminants cost effective in real municipal wastewater effluents?. Environmental Science: Water Research and Technology, 2016, 2, 511-520. | 1.2 | 40 |
| 62 | Wastewater disinfection by neutral pH photo-Fenton: The role of solar radiation intensity. Applied Catalysis B: Environmental, 2016, 181, 1-6. | 10.8 | 38 |
| 63 | Principal parameters affecting virus inactivation by the solar photo-Fenton process at neutral pH and Î¼M concentrations of H2O2 and Fe2+/3+. Applied Catalysis B: Environmental, 2015, 174-175, 395-402. | 10.8 | 45 |
| 64 | Removal of microcontaminants from MWTP effluents by combination of membrane technologies and solar photo-Fenton at neutral pH. Catalysis Today, 2015, 252, 78-83. | 2.2 | 30 |
| 65 | Fate of micropollutants during sewage sludge disintegration by low-frequency ultrasound. Chemical Engineering Journal, 2015, 280, 575-587. | 6.6 | 17 |
| 66 | Degradation and monitoring of acetamiprid, thiabendazole and their transformation products in an agro-food industry effluent during solar photo-Fenton treatment in a raceway pond reactor. Chemosphere, 2015, 130, 73-81. | 4.2 | 55 |
| 67 | Application of high intensity UVC-LED for the removal of acetamiprid with the photo-Fenton process. Chemical Engineering Journal, 2015, 264, 690-696. | 6.6 | 62 |
| 68 | Modelling the photo-Fenton oxidation of the pharmaceutical paracetamol in water including the effect of photon absorption (VRPA). Applied Catalysis B: Environmental, 2015, 166-167, 295-301. | 10.8 | 47 |
| 69 | Supported TiO<sub>2</sub>solar photocatalysis at semi-pilot scale: degradation of pesticides found in citrus processing industry wastewater, reactivity and influence of photogenerated species. Journal of Chemical Technology and Biotechnology, 2015, 90, 149-157. | 1.6 | 75 |
| 70 | Modelling of the operation of raceway pond reactors for micropollutant removal by solar photo-Fenton as a function of photon absorption. Applied Catalysis B: Environmental, 2015, 178, 210-217. | 10.8 | 56 |
| 71 | Biological oxygen demand as a tool to predict membrane bioreactor best operating conditions for a photo-Fenton pretreated toxic wastewater. Journal of Chemical Technology and Biotechnology, 2015, 90, 110-119. | 1.6 | 5 |
| 72 | Application of solar photo-Fenton at circumneutral pH to nanofiltration concentrates for removal of pharmaceuticals in MWTP effluents. Environmental Science and Pollution Research, 2015, 22, 846-855. | 2.7 | 24 |

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| 73 | Controlling <scp>pH</scp> in biological depuration of industrial wastewater to enable micropollutant removal using a further advanced oxidation process. Journal of Chemical Technology and Biotechnology, 2014, 89, 1274-1282. | 1.6 | 7 |
| 74 | Application of liquid chromatography quadrupole time-of-flight mass spectrometry to the identification of acetamiprid transformation products generated under oxidative processes in different water matrices. Analytical and Bioanalytical Chemistry, 2014, 406, 2549-2558. | 1.9 | 16 |
| 75 | Fate of thiabendazole through the treatment of a simulated agro-food industrial effluent by combined MBR/Fenton processes at Î¼g/L scale. Water Research, 2014, 51, 55-63. | 5.3 | 50 |
| 76 | Removal of pharmaceuticals at microg Lâ¯1 by combined nanofiltration and mild solar photo-Fenton. Chemical Engineering Journal, 2014, 239, 68-74. | 6.6 | 47 |
| 77 | Microcontaminant removal by solar photo-Fenton at natural pH run with sequential and continuous iron additions. Chemical Engineering Journal, 2014, 235, 132-140. | 6.6 | 41 |
| 78 | Pharmaceuticals removal from natural water by nanofiltration combined with advanced tertiary treatments (solar photo-Fenton, photo-Fenton-like Fe(III)â€“EDDS complex and ozonation). Separation and Purification Technology, 2014, 122, 515-522. | 3.9 | 84 |
| 79 | Effects of environmental variables on the photo-Fenton plant design. Chemical Engineering Journal, 2014, 237, 469-477. | 6.6 | 24 |
| 80 | New approach to solar photo-Fenton operation. Raceway ponds as tertiary treatment technology. Journal of Hazardous Materials, 2014, 279, 322-329. | 6.5 | 71 |
| 81 | Identification and monitoring of thiabendazole transformation products in water during Fenton degradation by LC-QTOF-MS. Analytical and Bioanalytical Chemistry, 2014, 406, 5323-5337. | 1.9 | 43 |
| 82 | Removal of pharmaceuticals from MWTP effluent by nanofiltration and solar photo-Fenton using two different iron complexes at neutral pH. Water Research, 2014, 64, 23-31. | 5.3 | 131 |
| 83 | A new bioseed for determination of wastewater biodegradability: analysis of the experimental procedure. Environmental Science and Pollution Research, 2014, 21, 9522-9528. | 2.7 | 0 |
| 84 | Phenomenological study and application of the combined influence of iron concentration and irradiance on the photo-Fenton process to remove micropollutants. Science of the Total Environment, 2014, 478, 123-132. | 3.9 | 38 |
| 85 | Solar photo-Fenton for water disinfection: An investigation of the competitive role of model organic matter for oxidative species. Applied Catalysis B: Environmental, 2014, 148-149, 484-489. | 10.8 | 49 |
| 86 | Inactivation of natural enteric bacteria in real municipal wastewater by solar photo-Fenton at neutral pH. Water Research, 2014, 63, 316-324. | 5.3 | 57 |
| 87 | PROMOTING ENVIRONMENTAL TECHNOLOGY USING SANITARY TAX: THE CASE OF AGRO-FOOD INDUSTRIAL WASTEWATER IN SPAIN. Environmental Engineering and Management Journal, 2014, 13, 961-969. | 0.2 | 5 |
| 88 | Modelling micropollutant removal by solar photo-Fenton. Global Nest Journal, 2014, 16, 445-454. | 0.3 | 3 |
| 89 | Study of iron sources and hydrogen peroxide supply in the photoâ€Fenton process using acetaminophen as model contaminant. Journal of Chemical Technology and Biotechnology, 2013, 88, 636-643. | 1.6 | 8 |
| 90 | Combined nanofiltration and photo-Fenton treatment of water containing micropollutants. Chemical Engineering Journal, 2013, 224, 89-95. | 6.6 | 61 |

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| 91 | Inactivation of Enterococcus faecalis in simulated wastewater treatment plant effluent by solar photo-Fenton at initial neutral pH. Catalysis Today, 2013, 209, 195-200. | 2.2 | 39 |
| 92 | Economic evaluation of a combined photo-Fenton/MBR process using pesticides as model pollutant. Factors affecting costs. Journal of Hazardous Materials, 2013, 244-245, 195-203. | 6.5 | 85 |
| 93 | Cost analysis of different hydrogen peroxide supply strategies in the solar photo-Fenton process. Chemical Engineering Journal, 2013, 224, 75-81. | 6.6 | 38 |
| 94 | Iron dosage as a strategy to operate the photo-Fenton process at initial neutral pH. Chemical Engineering Journal, 2013, 224, 67-74. | 6.6 | 40 |
| 95 | Automatic dosage of hydrogen peroxide in solar photo-Fenton plants: Development of a control strategy for efficiency enhancement. Journal of Hazardous Materials, 2012, 237-238, 223-230. | 6.5 | 24 |
| 96 | Water disinfection using photo-Fenton: Effect of temperature on Enterococcus faecalis survival. Water Research, 2012, 46, 6154-6162. | 5.3 | 63 |
| 97 | Gasâ€“liquid Mass Transfer in Sonicated Bubble Columns. Effect of Reactor Diameter and Liquid Height. Industrial & Engineering Chemistry Research, 2012, 51, 2769-2774. | 1.8 | 18 |
| 98 | Modelling photo-Fenton process for organic matter mineralization, hydrogen peroxide consumption and dissolved oxygen evolution. Applied Catalysis B: Environmental, 2012, 119-120, 132-138. | 10.8 | 33 |
| 99 | Combination of Advanced Oxidation Processes and biological treatments for wastewater decontaminationâ€”A review. Science of the Total Environment, 2011, 409, 4141-4166. | 3.9 | 1,946 |
| 100 | Effect of environmental regulation on the profitability of sustainable water use in the agro-food industry. Desalination, 2011, 279, 252-257. | 4.0 | 28 |
| 101 | An analysis of the bacterial community in a membrane bioreactor fed with photo-Fenton pre-treated toxic water. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1171-1178. | 1.4 | 9 |
| 102 | Dissolved oxygen concentration: A key parameter in monitoring the photo-Fenton process. Applied Catalysis B: Environmental, 2011, 104, 316-323. | 10.8 | 53 |
| 103 | Economic evaluation of the photo-Fenton process. Mineralization level and reaction time: The keys for increasing plant efficiency. Journal of Hazardous Materials, 2011, 186, 1924-1929. | 6.5 | 64 |
| 104 | Decontamination of industrial wastewater containing pesticides by combining large-scale homogeneous solar photocatalysis and biological treatment. Chemical Engineering Journal, 2010, 160, 447-456. | 6.6 | 77 |
| 105 | Influence of ultrasound amplitude and duty cycle on fungal morphology and broth rheology of Aspergillus terreus. World Journal of Microbiology and Biotechnology, 2010, 26, 1409-1418. | 1.7 | 11 |
| 106 | Evaluation of operating parameters involved in solar photo-Fenton treatment of wastewater: Interdependence of initial pollutant concentration, temperature and iron concentration. Applied Catalysis B: Environmental, 2010, 97, 292-298. | 10.8 | 65 |
| 107 | Scale-up strategy for a combined solar photo-Fenton/biological system for remediation of pesticide-contaminated water. Catalysis Today, 2010, 151, 100-106. | 2.2 | 57 |
| 108 | Integration of Solar Photocatalysis and Membrane Bioreactor for Pesticides Degradation. Separation Science and Technology, 2010, 45, 1571-1578. | 1.3 | 19 |

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| 109 | A comparative study of different tests for biodegradability enhancement determination during AOP treatment of recalcitrant toxic aqueous solutions. Ecotoxicology and Environmental Safety, 2010, 73, 1189-1195. | 2.9 | 42 |
| 110 | Confirming Pseudomonas putida as a reliable bioassay for demonstrating biocompatibility enhancement by solar photo-oxidative processes of a biorecalcitrant effluent. Journal of Hazardous Materials, 2009, 162, 1223-1227. | 6.5 | 14 |
| 111 | Evaluation of operational parameters involved in solar photo-Fenton degradation of a commercial pesticide mixture. Catalysis Today, 2009, 144, 94-99. | 2.2 | 90 |
| 112 | Solar photo-Fenton treatment of pesticides in water: Effect of iron concentration on degradation and assessment of ecotoxicity and biodegradability. Applied Catalysis B: Environmental, 2009, 88, 448-454. | 10.8 | 107 |
| 113 | Degradation of a four-pesticide mixture by combined photo-Fenton and biological oxidation. Water Research, 2009, 43, 653-660. | 5.3 | 133 |
| 114 | Effect of pesticide concentration on the degradation process by combined solar photo-Fenton and biological treatment. Water Research, 2009, 43, 3838-3848. | 5.3 | 50 |
| 115 | Effects of ultrasound on culture of Aspergillus terreus. Journal of Chemical Technology and Biotechnology, 2008, 83, 593-600. | 1.6 | 49 |
| 116 | Lovastatin production by Aspergillus terreus in a twoâ€staged feeding operation. Journal of Chemical Technology and Biotechnology, 2008, 83, 1236-1243. | 1.6 | 21 |
| 117 | A kinetics study on the biodegradation of synthetic wastewater simulating effluent from an advanced oxidation process using Pseudomonas putida CECT 324. Journal of Hazardous Materials, 2008, 151, 780-788. | 6.5 | 24 |
| 118 | Degradation of alachlor and pyrimethanil by combined photo-Fenton and biological oxidation. Journal of Hazardous Materials, 2008, 155, 342-349. | 6.5 | 73 |
| 119 | Combined photo-Fenton and biological oxidation for pesticide degradation: Effect of photo-treated intermediates on biodegradation kinetics. Chemosphere, 2008, 70, 1476-1483. | 4.2 | 40 |
| 120 | Ultrasound affects fungal morphology and broth rheology of Aspergillus terreus. Journal of Biotechnology, 2008, 136, S489-S490. | 1.9 | 4 |
| 121 | Advanced oxidation processâ€“biological system for wastewater containing a recalcitrant pollutant. Water Science and Technology, 2007, 55, 229-235. | 1.2 | 8 |
| 122 | Pre-industrial-scale Combined Solar Photo-Fenton and Immobilized Biomass Activated-Sludge Biotreatment. Industrial & Engineering Chemistry Research, 2007, 46, 7467-7475. | 1.8 | 38 |
| 123 | Enhanced production of lovastatin in a bubble column byAspergillus terreus using a two-stage feeding strategy. Journal of Chemical Technology and Biotechnology, 2007, 82, 58-64. | 1.6 | 25 |
| 124 | A combined solar photocatalytic-biological field system for the mineralization of an industrial pollutant at pilot scale. Catalysis Today, 2007, 122, 150-159. | 2.2 | 67 |
| 125 | Detoxification of wastewater containing five common pesticides by solar AOPsâ€“biological coupled system. Catalysis Today, 2007, 129, 69-78. | 2.2 | 101 |
| 126 | Simultaneous Determination of Oxygen Consumption Rate and Volumetric Oxygen Transfer Coefficient in Pneumatically Agitated Bioreactors. Industrial & Engineering Chemistry Research, 2006, 45, 1167-1171. | 1.8 | 38 |

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| 127 | Aspergillus terreus Broth Rheology, Oxygen Transfer, and Lovastatin Production in a Gas-Agitated Slurry Reactor. Industrial & Engineering Chemistry Research, 2006, 45, 4837-4843. | 1.8 | 32 |
| 128 | Shear rate in stirred tank and bubble column bioreactors. Chemical Engineering Journal, 2006, 124, 1-5. | 6.6 | 221 |
| 129 | Solar photocatalytic degradation of some hazardous water-soluble pesticides at pilot-plant scale. Journal of Hazardous Materials, 2006, 138, 507-517. | 6.5 | 170 |
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| 131 | Solar photocatalytic degradation and detoxification of EU priority substances. Catalysis Today, 2005, 101, 203-210. | 2.2 | 135 |
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| 133 | Photocatalytic treatment of dimethoate by solar photocatalysis at pilot plant scale. Environmental Chemistry Letters, 2005, 3, 118-121. | 8.3 | 25 |
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| 135 | Pellet morphology, culture rheology and lovastatin production in cultures of Aspergillus terreus. Journal of Biotechnology, 2005, 116, 61-77. | 1.9 | 147 |
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| 137 | Fermentation optimization for the production of lovastatin byAspergillus terreus: use of response surface methodology. Journal of Chemical Technology and Biotechnology, 2004, 79, 1119-1126. | 1.6 | 46 |
| 138 | Production of13C polyunsaturated fatty acids from the microalga Phaeodactylum tricornutum. Journal of Applied Phycology, 2003, 15, 229-237. | 1.5 | 4 |
| 139 | Production of lovastatin by Aspergillus terreus: effects of the C:N ratio and the principal nutrients on growth and metabolite production. Enzyme and Microbial Technology, 2003, 33, 270-277. | 1.6 | 171 |
| 140 | Airlift-driven external-loop tubular photobioreactors for outdoor production of microalgae: assessment of design and performance. Chemical Engineering Science, 2001, 56, 2721-2732. | 1.9 | 247 |
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| 142 | Biomass nutrient profiles of the microalga Porphyridium cruentum. Food Chemistry, 2000, 70, 345-353. | 4.2 | 164 |
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| 144 | Prediction of dissolved oxygen and carbon dioxide concentration profiles in tubular photobioreactors for microalgal culture. , 1999, 62, 71-86. | | 262 |

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| 145 | Outdoor continuous culture of Porphyridium cruentum in a tubular photobioreactor: quantitative analysis of the daily cyclic variation of culture parameters. Progress in Industrial Microbiology, 1999, , 271-288. | 0.0 | 5 |
| 146 | Outdoor continuous culture of Porphyridium cruentum in a tubular photobioreactor: quantitative analysis of the daily cyclic variation of culture parameters. Journal of Biotechnology, 1999, 70, 271-288. | 1.9 | 83 |
| 147 | Prediction of dissolved oxygen and carbon dioxide concentration profiles in tubular photobioreactors for microalgal culture. , 1999, 62, 71. | | 1 |
| 148 | Prediction of dissolved oxygen and carbon dioxide concentration profiles in tubular photobioreactors for microalgal culture. , 1999, 62, 71. | | 4 |
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