

Jesús J López-Peñalver

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2789042/publications.pdf>

Version: 2024-02-01

32
papers

2,050
citations

279798

23
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetracycline removal from water by adsorption/bioadsorption on activated carbons and sludge-derived adsorbents. <i>Journal of Environmental Management</i> , 2013, 131, 16-24.	7.8	249
2	Photodegradation of tetracyclines in aqueous solution by using UV and UV/H ₂ O ₂ oxidation processes. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1325-1333.	3.2	222
3	Tetracycline removal from waters by integrated technologies based on ozonation and biodegradation. <i>Chemical Engineering Journal</i> , 2011, 178, 115-121.	12.7	176
4	Kinetic study of tetracycline adsorption on sludge-derived adsorbents in aqueous phase. <i>Chemical Engineering Journal</i> , 2012, 213, 88-96.	12.7	154
5	Gamma irradiation of pharmaceutical compounds, nitroimidazoles, as a new alternative for water treatment. <i>Water Research</i> , 2009, 43, 4028-4036.	11.3	144
6	Tetracycline degradation in aqueous phase by ultraviolet radiation. <i>Chemical Engineering Journal</i> , 2012, 187, 89-95.	12.7	109
7	Exosomes derived from mesenchymal stem cells enhance radiotherapy-induced cell death in tumor and metastatic tumor foci. <i>Molecular Cancer</i> , 2018, 17, 122.	19.2	100
8	Activated carbon as photocatalyst of reactions in aqueous phase. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 694-704.	20.2	88
9	ESR1 gene promoter region methylation in free circulating DNA and its correlation with estrogen receptor protein expression in tumor tissue in breast cancer patients. <i>BMC Cancer</i> , 2014, 14, 59.	2.6	79
10	Degradation of tetracyclines in different water matrices by advanced oxidation/reduction processes based on gamma radiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1096-1108.	3.2	78
11	Comparative study of oxidative degradation of sodium diatrizoate in aqueous solution by H ₂ O ₂ /Fe ²⁺ , H ₂ O ₂ /Fe ³⁺ , Fe (VI) and UV, H ₂ O ₂ /UV, K ₂ S ₂ O ₈ /UV. <i>Chemical Engineering Journal</i> , 2014, 241, 504-512.	12.7	75
12	Surface modifications of activated carbon by gamma irradiation. <i>Carbon</i> , 2014, 67, 236-249.	10.3	73
13	Degradation of antineoplastic cytarabine in aqueous solution by gamma radiation. <i>Chemical Engineering Journal</i> , 2011, 174, 1-8.	12.7	56
14	Seasonal ⁷ Be concentrations in near-surface air of Granada (Spain) in the period 1993–2001. <i>Applied Radiation and Isotopes</i> , 2003, 59, 159-164.	1.5	52
15	Optimization of the preparation process of biological sludge adsorbents for application in water treatment. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 76-84.	12.4	46
16	The importance of bystander effects in radiation therapy in melanoma skin-cancer cells and umbilical-cord stromal stem cells. <i>Radiotherapy and Oncology</i> , 2012, 102, 450-458.	0.6	36
17	Molecular imprinted polymer to remove tetracycline from aqueous solutions. <i>Microporous and Mesoporous Materials</i> , 2015, 203, 32-40.	4.4	36
18	Treatment of water contaminated with diphenolic acid by gamma radiation in the presence of different compounds. <i>Chemical Engineering Journal</i> , 2013, 219, 371-379.	12.7	33

#	ARTICLE	IF	CITATIONS
19	Seasonal variability in ^{7}Be depositional fluxes at Granada, Spain. <i>Applied Radiation and Isotopes</i> , 2006, 64, 228-234.	1.5	27
20	Degradation of X-ray contrast media diatrizoate in different water matrices by gamma irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1336-1343.	3.2	26
21	Human mesenchymal stem cells enhance the systemic effects of radiotherapy. <i>Oncotarget</i> , 2015, 6, 31164-31180.	1.8	26
22	Direct and bystander radiation effects: A biophysical model and clinical perspectives. <i>Cancer Letters</i> , 2015, 356, 5-16.	7.2	25
23	Activated carbon cloth as support for mesenchymal stem cell growth and differentiation to osteocytes. <i>Carbon</i> , 2009, 47, 3574-3577.	10.3	24
24	Removal of compounds used as plasticizers and herbicides from water by means of gamma irradiation. <i>Science of the Total Environment</i> , 2016, 569-570, 518-526.	8.0	22
25	Atmospheric concentrations of ^{7}Be and ^{210}Pb in Granada, Spain. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 261, 401-405.	1.5	20
26	Ionic X-ray contrast media degradation in aqueous solution induced by gamma radiation. <i>Chemical Engineering Journal</i> , 2012, 195-196, 369-376.	12.7	18
27	Metal-Doped Carbon Aerogels. <i>New Materials for Water Treatments. Industrial & Engineering Chemistry Research</i> , 2008, 47, 6001-6005.	3.7	17
28	The seasonal variations of ^{7}Be and ^{210}Pb concentrations in air. <i>Radiation Physics and Chemistry</i> , 2004, 71, 789-790.	2.8	12
29	Role of activated carbon on micropollutants degradation by ionizing radiation. <i>Carbon</i> , 2014, 67, 288-299.	10.3	11
30	Rationale for the Use of Radiation-Activated Mesenchymal Stromal/Stem Cells in Acute Respiratory Distress Syndrome. <i>Cells</i> , 2020, 9, 2015.	4.1	11
31	Growth and spontaneous differentiation of umbilical-cord stromal stem cells on activated carbon cloth. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3359.	5.8	5
32	Implications prognostics of methylation 14-3-3 sigma promoter in peripheral blood cell DNA with nodal involvement status and tumor size for breast cancer patients.. <i>Journal of Clinical Oncology</i> , 2012, 30, 33-33.	1.6	0