

Jesus Sanchez-Martin

List of Publications by Year in descending order

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55
papers

1,777
citations

236833

25
h-index

276775

41
g-index

57
all docs

57
docs citations

57
times ranked

1690
citing authors

#	ARTICLE	IF	CITATIONS
1	Teaching for a Better World. Sustainability and Sustainable Development Goals in the Construction of a Change-Maker University. Sustainability, 2019, 11, 4224.	1.6	124
2	Removing heavy metals from polluted surface water with a tannin-based flocculant agent. Journal of Hazardous Materials, 2009, 165, 1215-1218.	6.5	111
3	What Do University Students Know about Sustainable Development Goals? A Realistic Approach to the Reception of this UN Program Amongst the Youth Population. Sustainability, 2019, 11, 3533.	1.6	110
4	Removal of sodium lauryl sulphate by coagulation/flocculation with Moringa oleifera seed extract. Journal of Hazardous Materials, 2009, 164, 713-719.	6.5	101
5	Novel tannin-based adsorbent in removing cationic dye (Methylene Blue) from aqueous solution. Kinetics and equilibrium studies. Journal of Hazardous Materials, 2010, 174, 9-16.	6.5	91
6	Removal of Alizarin Violet 3R (anthraquinonic dye) from aqueous solutions by natural coagulants. Journal of Hazardous Materials, 2009, 170, 43-50.	6.5	74
7	Removal of Carmine Indigo Dye with Moringa oleifera Seed Extract. Industrial & Engineering Chemistry Research, 2009, 48, 6512-6520.	1.8	74
8	Just a game? Gamifying a general science class at university. Thinking Skills and Creativity, 2017, 26, 51-59.	1.9	74
9	Azo dye removal by <i>Moringa oleifera</i> seed extract coagulation. Coloration Technology, 2008, 124, 310-317.	0.7	71
10	Municipal wastewater treatment by modified tannin flocculant agent. Desalination, 2009, 249, 353-358.	4.0	68
11	Optimization of the synthesis of a new coagulant from a tannin extract. Journal of Hazardous Materials, 2011, 186, 1704-1712.	6.5	68
12	Improvement of the flocculation process in water treatment by using moringa oleifera seeds extract. Brazilian Journal of Chemical Engineering, 2012, 29, 495-502.	0.7	61
13	Development and optimization of the BDD-electrochemical oxidation of the antibiotic trimethoprim in aqueous solution. Desalination, 2011, 280, 197-202.	4.0	52
14	Anionic Surfactants Removal by Natural Coagulant/Flocculant Products. Industrial & Engineering Chemistry Research, 2009, 48, 5085-5092.	1.8	51
15	Optimization of tannin rigid foam as adsorbents for wastewater treatment. Industrial Crops and Products, 2013, 49, 507-514.	2.5	49
16	Electrochemical Advanced Oxidation of Carbamazepine on Boron-Doped Diamond Anodes. Influence of Operating Variables. Industrial & Engineering Chemistry Research, 2010, 49, 8353-8359.	1.8	44
17	<i>Acacia mearnsii</i> de Wild Tannin-Based Flocculant in Surface Water Treatment. Journal of Wood Chemistry and Technology, 2009, 29, 119-135.	0.9	38
18	Improvement of water treatment pilot plant with <i>Moringa oleifera</i> extract as flocculant agent. Environmental Technology (United Kingdom), 2009, 30, 525-534.	1.2	36

#	ARTICLE	IF	CITATIONS
19	Nonscientific University Students Training in General Science Using an Active-Learning Merged Pedagogy: Gamification in a Flipped Classroom. <i>Education Sciences</i> , 2019, 9, 297.	1.4	35
20	Exit for success. Gamifying science and technology for university students using escape-room. A preliminary approach. <i>Heliyon</i> , 2020, 6, e04340.	1.4	34
21	Textile wastewater purification through natural coagulants. <i>Applied Water Science</i> , 2011, 1, 25-33.	2.8	32
22	Evoluci3n de las emociones que experimentan los estudiantes del grado de maestro en educaci3n primaria, en did3ctica de la materia y la energ3a. <i>Revista Eureka Sobre Enseanza Y Divulgaci3n De Las Ciencias</i> , 2015, 12, 550-564.	0.2	29
23	Adsorbents from <i>Schinopsis balansae</i> : Optimisation of significant variables. <i>Industrial Crops and Products</i> , 2011, 33, 409-417.	2.5	27
24	<i>Caesalpinia spinosa</i> and <i>Castanea sativa</i> tannins: A new source of biopolymers with adsorbent capacity. Preliminary assessment on cationic dye removal. <i>Industrial Crops and Products</i> , 2011, 34, 1238-1240.	2.5	27
25	Conductive diamond electrochemical advanced oxidation of naproxen in aqueous solution: optimizing the process. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 121-127.	1.6	27
26	Natural Adsorbents Derived from Tannin Extracts for Pharmaceutical Removal in Water. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 50-57.	1.8	24
27	Remediation of Dye-Polluted Solutions by a New Tannin-Based Coagulant. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 686-693.	1.8	22
28	Tannin-Based Coagulants in the Depuration of Textile Wastewater Effluents: Elimination of Anthraquinonic Dyes. <i>Water, Air, and Soil Pollution</i> , 2011, 222, 53-64.	1.1	19
29	Emotional responses to innovative Science teaching methods: Acquiring emotional data in a General Science teacher education class. <i>Journal of Technology and Science Education</i> , 2018, 8, 346.	0.5	19
30	Performance and characterization of a new tannin-based coagulant. <i>Applied Water Science</i> , 2012, 2, 199-208.	2.8	18
31	What do K-12 students feel when dealing with technology and engineering issues? Gardner's multiple intelligence theory implications in technology lessons for motivating engineering vocations at Spanish Secondary School. <i>European Journal of Engineering Education</i> , 2017, 42, 1330-1343.	1.5	18
32	Teaching technology: From knowing to feeling enhancing emotional and content acquisition performance through Gardner's Multiple Intelligences Theory in technology and design lessons. <i>Journal of Technology and Science Education</i> , 2017, 7, 58.	0.5	17
33	Teaching Down to Earth Service-Learning Methodology for Science Education and Sustainability at the University Level: A Practical Approach. <i>Sustainability</i> , 2020, 12, 542.	1.6	16
34	Emotional Performance of a Low-Cost Eco-Friendly Project Based Learning Methodology for Science Education: An Approach in Prospective Teachers. <i>Sustainability</i> , 2021, 13, 3385.	1.6	12
35	Electrochemical Degradation of Carbamazepine in Aqueous Solutions – Optimization of Kinetic Aspects by Design of Experiments. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1534-1540.	0.7	11
36	Ozonation of a Carbamazepine Effluent. Designing the Operational Parameters Under Economic Considerations. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5999-6007.	1.1	10

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37	New lab-made coagulant based on <i>Schinopsis balansae</i> tannin extract: synthesis optimization and preliminary tests on refractory water pollutants. <i>Applied Water Science</i> , 2014, 4, 261-271.	2.8	10
38	Optimum Coagulant from <i>Acacia mearnsii</i> de Wild for Wastewater Treatment. <i>Chemical Engineering and Technology</i> , 2011, 34, 2069-2076.	0.9	9
39	Opportunities given by final degree dissertations inside the EHEA to enhance ethical learning in technical education. <i>European Journal of Engineering Education</i> , 2013, 38, 149-158.	1.5	9
40	Multiparameter Quantitative Optimization in the Synthesis of a Novel Coagulant Derived from Tannin Extracts for Water Treatment. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2277-2286.	1.1	8
41	Feasibility of electrochemical degradation of pharmaceutical pollutants in different aqueous matrices: Optimization through design of experiments. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 843-850.	0.9	8
42	An Exploratory Study Interrelating Emotion, Self-Efficacy and Multiple Intelligence of Prospective Science Teachers. <i>Frontiers in Education</i> , 2021, 6, .	1.2	7
43	Adsorbent Derived from <i>Pinus pinaster</i> Tannin for Cationic Surfactant Removal. <i>Journal of Wood Chemistry and Technology</i> , 2012, 32, 28-50.	0.9	6
44	Nature Is the Answer: Water and Wastewater Treatment by New Natural-Based Agents. , 2012, , 337-375.		5
45	Impact of an Active Learning Methodology on Students'™ Emotions and Self-Efficacy Beliefs towards the Learning of Chemical Reactions™ The Case of Secondary Education Students. <i>Education Sciences</i> , 2022, 12, 347.	1.4	5
46	Removal of Erioglaurine (Acid Blue™9) with a new coagulant agent from <i>Acacia mearnsii</i> tannin extract. <i>Coloration Technology</i> , 2012, 128, 15-20.	0.7	4
47	Detailed Emotional Profile of Secondary Education Students Toward Learning Physics and Chemistry. <i>Frontiers in Psychology</i> , 2021, 12, 659009.	1.1	3
48	Cultural Sustainability in Ethnobotanical Research with Students Up to K-12. <i>Sustainability</i> , 2020, 12, 5664.	1.6	2
49	Multiple Intelligences Analysis and Emotional Implications in STEM Education for Students up to K-12. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2020, , 261-280.	0.2	2
50	The Role of the Social Sciences When Choosing University Studies: Motivations in Life Stories. <i>Education Sciences</i> , 2021, 11, 420.	1.4	1
51	CONDUCTIVE-DIAMOND ELECTROCHEMICAL OXIDATION OF A PHARMACEUTICAL EFFLUENT WITH HIGH CHEMICAL OXYGEN DEMAND (COD). KINETICS AND OPTIMIZATION OF THE PROCESS BY RESPONSE SURFACE METHODOLOGY (RSM). <i>Environmental Engineering and Management Journal</i> , 2016, 15, 27-34.	0.2	1
52	PROJECT BASED LEARNING IN PRIMARY EDUCATION DEGREE: AN ANALYSIS OF THE AFFECTIVE DIMENSION. , 2021, , .		0
53	Heavy Metals Uptake from Aqueous Effluents by Novel Adsorbent derived from Tannin Extracts Role of Tannin Source. , 0, , .		0
54	Removal of Anionic Surfactants in Aqueous Solutions with <i>Moringa Oleifera</i> Seed Extract Coagulant. , 0, , .		0

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55	PROJECT BASED LEARNING METHODOLOGY FOR SCIENCE EDUCATION AND SUSTAINABILITY AT UNIVERSITY LEVEL. INTED Proceedings, 2022, , .	0.0	0