

Jesus Sanchez-Martin

List of Publications by Year in descending order

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Version: 2024-02-01

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 | PROJECT BASED LEARNING METHODOLOGY FOR SCIENCE EDUCATION AND SUSTAINABILITY AT UNIVERSITY LEVEL. INTED Proceedings, 2022, , . | 0.0 | 0 |
| 2 | Impact of an Active Learning Methodology on Studentsâ€™ Emotions and Self-Efficacy Beliefs towards the Learning of Chemical Reactionsâ€™The Case of Secondary Education Students. Education Sciences, 2022, 12, 347. | 1.4 | 5 |
| 3 | An Exploratory Study Interrelating Emotion, Self-Efficacy and Multiple Intelligence of Prospective Science Teachers. Frontiers in Education, 2021, 6, . | 1.2 | 7 |
| 4 | Emotional Performance of a Low-Cost Eco-Friendly Project Based Learning Methodology for Science Education: An Approach in Prospective Teachers. Sustainability, 2021, 13, 3385. | 1.6 | 12 |
| 5 | PROJECT BASED LEARNING IN PRIMARY EDUCATION DEGREE: AN ANALYSIS OF THE AFFECTIVE DIMENSION. , 2021, , . | | 0 |
| 6 | Detailed Emotional Profile of Secondary Education Students Toward Learning Physics and Chemistry. Frontiers in Psychology, 2021, 12, 659009. | 1.1 | 3 |
| 7 | The Role of the Social Sciences When Choosing University Studies: Motivations in Life Stories. Education Sciences, 2021, 11, 420. | 1.4 | 1 |
| 8 | Exit for success. Gamifying science and technology for university students using escape-room. A preliminary approach. Heliyon, 2020, 6, e04340. | 1.4 | 34 |
| 9 | Cultural Sustainability in Ethnobotanical Research with Students Up to K-12. Sustainability, 2020, 12, 5664. | 1.6 | 2 |
| 10 | Teaching Down to Earthâ€™Service-Learning Methodology for Science Education and Sustainability at the University Level: A Practical Approach. Sustainability, 2020, 12, 542. | 1.6 | 16 |
| 11 | Multiple Intelligences Analysis and Emotional Implications in STEM Education for Students up to K-12. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 261-280. | 0.2 | 2 |
| 12 | 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 |
| 13 | 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 |
| 14 | Nonscientific University Students Training in General Science Using an Active-Learning Merged Pedagogy: Gamification in a Flipped Classroom. Education Sciences, 2019, 9, 297. | 1.4 | 35 |
| 15 | Emotional responses to innovative Science teaching methods: Acquiring emotional data in a General Science teacher education class. Journal of Technology and Science Education, 2018, 8, 346. | 0.5 | 19 |
| 16 | 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. European Journal of Engineering Education, 2017, 42, 1330-1343. | 1.5 | 18 |
| 17 | Just a game? Gamifying a general science class at university. Thinking Skills and Creativity, 2017, 26, 51-59. | 1.9 | 74 |
| 18 | Teaching technology: From knowing to feeling enhancing emotional and content acquisition performance through Gardnerâ€™s Multiple Intelligences Theory in technology and design lessons. Journal of Technology and Science Education, 2017, 7, 58. | 0.5 | 17 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 Enseñanza Y Divulgaci3n De Las Ciencias</i> , 2015, 12, 550-564. | 0.2 | 29 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Optimization of tannin rigid foam as adsorbents for wastewater treatment. <i>Industrial Crops and Products</i> , 2013, 49, 507-514. | 2.5 | 49 |
| 26 | Nature Is the Answer: Water and Wastewater Treatment by New Natural-Based Agents. , 2012, , 337-375. | | 5 |
| 27 | 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 |
| 28 | Performance and characterization of a new tannin-based coagulant. <i>Applied Water Science</i> , 2012, 2, 199-208. | 2.8 | 18 |
| 29 | Natural Adsorbents Derived from Tannin Extracts for Pharmaceutical Removal in Water. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 50-57. | 1.8 | 24 |
| 30 | 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 |
| 31 | Improvement of the flocculation process in water treatment by using moringa oleifera seeds extract. <i>Brazilian Journal of Chemical Engineering</i> , 2012, 29, 495-502. | 0.7 | 61 |
| 32 | 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 |
| 33 | Removal of Erioglaucline (Acid Blue9) with a new coagulant agent from <i>Acacia mearnsii</i> tannin extract. <i>Coloration Technology</i> , 2012, 128, 15-20. | 0.7 | 4 |
| 34 | Remediation of Dye-Polluted Solutions by a New Tannin-Based Coagulant. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 686-693. | 1.8 | 22 |
| 35 | Adsorbents from <i>Schinopsis balansae</i> : Optimisation of significant variables. <i>Industrial Crops and Products</i> , 2011, 33, 409-417. | 2.5 | 27 |
| 36 | <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 |

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|----|--|-----|-----------|
| 37 | Development and optimization of the BDD-electrochemical oxidation of the antibiotic trimethoprim in aqueous solution. <i>Desalination</i> , 2011, 280, 197-202. | 4.0 | 52 |
| 38 | 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 |
| 39 | Textile wastewater purification through natural coagulants. <i>Applied Water Science</i> , 2011, 1, 25-33. | 2.8 | 32 |
| 40 | Conductiveâ€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 |
| 41 | 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 |
| 42 | Optimization of the synthesis of a new coagulant from a tannin extract. <i>Journal of Hazardous Materials</i> , 2011, 186, 1704-1712. | 6.5 | 68 |
| 43 | Novel tannin-based adsorbent in removing cationic dye (Methylene Blue) from aqueous solution. Kinetics and equilibrium studies. <i>Journal of Hazardous Materials</i> , 2010, 174, 9-16. | 6.5 | 91 |
| 44 | Electrochemical Advanced Oxidation of Carbamazepine on Boron-Doped Diamond Anodes. Influence of Operating Variables. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 8353-8359. | 1.8 | 44 |
| 45 | Removal of sodium lauryl sulphate by coagulation/flocculation with <i>Moringa oleifera</i> seed extract. <i>Journal of Hazardous Materials</i> , 2009, 164, 713-719. | 6.5 | 101 |
| 46 | Removing heavy metals from polluted surface water with a tannin-based flocculant agent. <i>Journal of Hazardous Materials</i> , 2009, 165, 1215-1218. | 6.5 | 111 |
| 47 | Removal of Alizarin Violet 3R (anthraquinonic dye) from aqueous solutions by natural coagulants. <i>Journal of Hazardous Materials</i> , 2009, 170, 43-50. | 6.5 | 74 |
| 48 | Municipal wastewater treatment by modified tannin flocculant agent. <i>Desalination</i> , 2009, 249, 353-358. | 4.0 | 68 |
| 49 | Anionic Surfactants Removal by Natural Coagulant/Flocculant Products. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5085-5092. | 1.8 | 51 |
| 50 | Improvement of water treatment pilot plant with <i>Moringa oleifera</i> extract as flocculant agent. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 525-534. | 1.2 | 36 |
| 51 | <i>Acacia mearnsii</i> de Wild Tannin-Based Flocculant in Surface Water Treatment. <i>Journal of Wood Chemistry and Technology</i> , 2009, 29, 119-135. | 0.9 | 38 |
| 52 | Removal of Carmine Indigo Dye with <i>Moringa oleifera</i> Seed Extract. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 6512-6520. | 1.8 | 74 |
| 53 | Azo dye removal by <i>Moringa oleifera</i> seed extract coagulation. <i>Coloration Technology</i> , 2008, 124, 310-317. | 0.7 | 71 |
| 54 | Heavy Metals Uptake from Aqueous Effluents by Novel Adsorbent derived from Tannin Extracts Role of Tannin Source. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 55 | Removal of Anionic Surfactants in Aqueous Solutions with Moringa Oleifera Seed Extract Coagulant. , 0, , . | | 0 |