

# Sã-lvia C R Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

2,293  
citations

331259

21  
h-index

525886

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic and antimony in water and wastewater: Overview of removal techniques with special reference to latest advances in adsorption. <i>Journal of Environmental Management</i> , 2015, 151, 326-342.	3.8	480
2	Performance and prospects of different adsorbents for phosphorus uptake and recovery from water. <i>Chemical Engineering Journal</i> , 2020, 381, 122566.	6.6	333
3	Selenium contaminated waters: An overview of analytical methods, treatment options and recent advances in sorption methods. <i>Science of the Total Environment</i> , 2015, 521-522, 246-260.	3.9	241
4	Tannin-based biosorbents for environmental applications – A review. <i>Chemical Engineering Journal</i> , 2016, 303, 575-587.	6.6	207
5	Adsorption modelling of textile dyes by sepiolite. <i>Applied Clay Science</i> , 2008, 42, 137-145.	2.6	126
6	Waste metal hydroxide sludge as adsorbent for a reactive dye. <i>Journal of Hazardous Materials</i> , 2008, 153, 999-1008.	6.5	116
7	Adsorption of cationic and anionic azo dyes on sepiolite clay: Equilibrium and kinetic studies in batch mode. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1473-1483.	3.3	106
8	Treatment of a simulated textile wastewater in a sequencing batch reactor (SBR) with addition of a low-cost adsorbent. <i>Journal of Hazardous Materials</i> , 2015, 291, 74-82.	6.5	82
9	Arsenic removal from water using iron-coated seaweeds. <i>Journal of Environmental Management</i> , 2017, 192, 224-233.	3.8	80
10	Arsenate and arsenite adsorption onto iron-coated cork granulates. <i>Science of the Total Environment</i> , 2018, 642, 1075-1089.	3.9	70
11	Bioadsorptive removal of Pb(II) from aqueous solution by the biorefinery waste of <i>Fucus spiralis</i> . <i>Science of the Total Environment</i> , 2019, 648, 1201-1209.	3.9	68
12	BIOSORPTION OF ANTIMONY BY BROWN ALGAE <i>S. muticum</i> AND <i>A. nodosum</i> . <i>Environmental Engineering and Management Journal</i> , 2015, 14, 455-463.	0.2	37
13	Biorefinery of marine macroalgae into high-tech bioproducts: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 969-1000.	8.3	36
14	Bentonitic clay as adsorbent for the decolourisation of dyehouse effluents. <i>Journal of Cleaner Production</i> , 2016, 126, 667-676.	4.6	35
15	Biosorption of antimony oxyanions by brown seaweeds: Batch and column studies. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3463-3471.	3.3	35
16	Evaluation of a tannin-based coagulant on the decolorization of synthetic effluents. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103125.	3.3	35
17	Tannin – Adsorbents for Water Decontamination and for the Recovery of Critical Metals: Current State and Future Perspectives. <i>Biotechnology Journal</i> , 2019, 14, e1900060.	1.8	33
18	Antimony oxyanions uptake by green marine macroalgae. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3441-3450.	3.3	26

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19	Recovery and valorization of tannins from a forest waste as an adsorbent for antimony uptake. <i>Journal of Cleaner Production</i> , 2018, 198, 1324-1335.	4.6	26
20	Water quality in Minho/Mi�o River (Portugal/Spain). <i>Environmental Monitoring and Assessment</i> , 2013, 185, 3269-3281.	1.3	23
21	Green macroalgae from the Romanian coast of Black Sea: Physico-chemical characterization and future perspectives on their use as metal anions biosorbents. <i>Chemical Engineering Research and Design</i> , 2017, 108, 34-43.	2.7	23
22	Cadmium uptake by algal biomass in batch and continuous (CSTR and packed bed column) adsorbers. <i>Biochemical Engineering Journal</i> , 2008, 42, 276-289.	1.8	18
23	Tannin-based coagulants: Current development and prospects on synthesis and uses. <i>Science of the Total Environment</i> , 2022, 822, 153454.	3.9	18
24	Macroalgae Biomass as Sorbent for Metal Ions. , 2018, , 69-112.		12
25	Uptake and Recovery of Gold from Simulated Hydrometallurgical Liquors by Adsorption on Pine Bark Tannin Resin. <i>Water (Switzerland)</i> , 2020, 12, 3456.	1.2	12
26	Removal of arsenic from water by an iron-loaded resin prepared from <i>Pinus pinaster</i> bark tannins. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	0.6	7
27	Antimony removal from water by pine bark tannin resin: Batch and fixed-bed adsorption. <i>Journal of Environmental Management</i> , 2022, 302, 114100.	3.8	7
28	Decolorization of a Simulated Reactive Textile Dyeing Effluent using a Plant-derived Coagulant. <i>U Porto Journal of Engineering</i> , 2022, 8, 13-25.	0.2	1