

Fabiano Bisinella Scheufele

List of Publications by Year in descending order

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35
papers

735
citations

687335

13
h-index

552766

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38
all docs

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docs citations

38
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of atrazine from aqueous systems on chemically activated biochar produced from corn straw. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107039.	6.7	19
2	Tetracycline adsorption by tilapia fish bone-based biochar: Mass transfer assessment and fixed-bed data prediction by hybrid statistical-phenomenological modeling. <i>Journal of Cleaner Production</i> , 2021, 279, 123775.	9.3	33
3	Green synthesis of templated carbon porous materials from simple raw materials. <i>Materials Advances</i> , 2021, 2, 403-412.	5.4	7
4	Mathematical modeling of low-pressure H ₂ S adsorption by babassu biochar in fixed bed column. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105042.	6.7	10
5	Dibenzothiophene adsorption onto carbon-based adsorbent produced from the coconut shell: Effect of the functional groups density and textural properties on kinetics and equilibrium. <i>Fuel</i> , 2021, 292, 120354.	6.4	13
6	Ciprofloxacin desorption from gel type ion exchange resin: Desorption modeling in batch system and fixed bed column. <i>Separation and Purification Technology</i> , 2020, 230, 115857.	7.9	24
7	Biosorption of direct black dye by cassava root husks: Kinetics, equilibrium, thermodynamics and mechanism assessment. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103533.	6.7	28
8	Computational fluid dynamics applied for the improvement of a flat-plate photobioreactor towards high-density microalgae cultures. <i>Biochemical Engineering Journal</i> , 2019, 151, 107257.	3.6	16
9	Adsorption study of heavy metals in aqueous solutions aiming at the treatment of contaminated groundwater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1400-1411.	1.7	2
10	Complex mathematical analysis of photobioreactor system. <i>Engineering in Life Sciences</i> , 2019, 19, 844-859.	3.6	12
11	Evaluation of hybrid neutralization/biosorption process for zinc ions removal from automotive battery effluent by dolomite and fish scales. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2373-2388.	2.2	11
12	A comprehensive evaluation of heavy metals removal from battery industry wastewaters by applying bio-residue, mineral and commercial adsorbent materials. <i>Journal of Materials Science</i> , 2018, 53, 7976-7995.	3.7	28
13	Hydrolysis of crambe oil by enzymatic catalysis: An evaluation of the operational conditions. <i>Biocatalysis and Biotransformation</i> , 2018, 36, 422-435.	2.0	2
14	Phenomenological modeling of reactive dye adsorption onto fish scales surface in the presence of electrolyte and surfactant mixtures. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2467-2483.	2.2	16
15	Groundwater quality monitoring of the Serra Geral aquifer in Toledo, Brazil. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 1243-1252.	1.7	4
16	Oil Extraction from <i>Rana catesbeiana</i> by Supercritical Carbon Dioxide and Mechanical Pressing. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2018, 95, 1575-1585.	1.9	1
17	Efficiency maximization of fixed-bed adsorption by applying hybrid statistical-phenomenological modeling. <i>Separation and Purification Technology</i> , 2018, 207, 477-488.	7.9	23
18	ASSESSMENT OF KINETICS, EQUILIBRIUM AND THERMODYNAMICS OF BLACK KROM KJR DYE ADSORPTION ONTO AQUATIC MACROPHYTE <i>Pistia stratiote</i> . <i>Environmental Engineering and Management Journal</i> , 2018, 17, 2587-2595.	0.6	2

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19	Modeling and Technoeconomic Analysis of Algae for Bioenergy and Coproducts. , 2017, , 201-241.		8
20	Kinetic, equilibrium and thermodynamic phenomenological modeling of reactive dye adsorption onto polymeric adsorbent. Chemical Engineering Journal, 2017, 307, 466-475.	12.7	159
21	A systems approach for CO2 fixation from flue gas by microalgae”Theory review. Process Biochemistry, 2016, 51, 1817-1832.	3.7	45
22	Synthesis of ethyl esters from crude macauba oil (Acrocomia aculeata) for biodiesel production. Fuel, 2016, 165, 360-366.	6.4	48
23	Monolayer”multilayer adsorption phenomenological model: Kinetics, equilibrium and thermodynamics. Chemical Engineering Journal, 2016, 284, 1328-1341.	12.7	136
24	Characterization of Oreochromis niloticus fish scales and assessment of their potential on the adsorption of reactive blue 5G dye. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 693-701.	4.7	59
25	Assessment of drying temperature of sugarcane bagasse on sorption of reactive blue 5G dye. Fibers and Polymers, 2015, 16, 1646-1656.	2.1	16
26	Produ”o de complexos enzim”ticos por A. niger a partir de soja por fermenta”o em estado s”lido. Acta Scientiarum - Technology, 2012, 34, .	0.4	3
27	OTIMIZA”O DOS PAR”METROS DE HIDR”LISE ENZIM”TICA DO BAGA”O DE CANA-DE-A””CAR. Engevista, 2012, 14, .	0.1	1
28	Estudo do crescimento de A. caseiellus em farelo de soja convencional para produ”o de enzimas. Estudos Tecnol”gicos Em Engenharia, 2010, 6, 22-35.	0.1	4
29	Use of carbonized corn cob biomass to reduce acidity of residual frying oil. Acta Scientiarum - Technology, 0, 43, e51303.	0.4	4
30	AVALIA”O DA CIN”TICA E EQUIL”RIO DA SECAGEM DO BAGA”O DE CANA-DE-A””CAR PARA APLICA”O COMO ADSORVENTE. , 0, , .		1
31	BIOSSOR”O DO ”ON C”DMIO PELA CASCA DE SOJA. , 0, , .		0
32	REMO”O DO CORANTE REATIVO AZUL 5G PELAS ESCAMAS DO PEIXE OREOCHROMIS NILOTICUS EM COLUNA DE LEITO FIXO. , 0, , .		0
33	APLICA”O DO BAGA”O DE CANA-DE-A””CAR COMO MATERIAL ADSORVENTE NA REMO”O DO CORANTE REATIVO AZUL 5G. , 0, , .		0
34	REMO”O DE ZINCO DO EFLUENTE L”QUIDO DE UMA IND”STRIA DE GALVANOPLASTIA. , 0, , .		0
35	EMPREGO DE CINZAS RESIDUAIS DA QUEIMA EM CALDEIRAS NA ADSOR”O DE CORANTES REATIVOS. , 0, , .		0