Cristiane Kalinke

List of Publications by Citations

25 papers	588 citations	13 h-index	24 g-index
27 ext. papers	930 ext. citations	5.2 avg, IF	4.44 L-index

#	Paper	IF	Citations
25	Additive-manufactured (3D-printed) electrochemical sensors: A critical review. *Analytica Chimica Acta*, **2020**, 1118, 73-91	6.6	127
24	Comparison of activation processes for 3D printed PLA-graphene electrodes: electrochemical properties and application for sensing of dopamine. *Analyst, The*, **2020**, 145, 1207-1218	5	61
23	The use of activated biochar for development of a sensitive electrochemical sensor for determination of methyl parathion. *Journal of Electroanalytical Chemistry*, **2017**, 799, 602-608	4.1	50
22	Biochar prepared from castor oil cake at different temperatures: A voltammetric study applied for Pb(2+), Cd(2+) and Cu(2+) ions preconcentration. *Journal of Hazardous Materials*, **2016**, 318, 526-532	12.8	44
21	Waterproof paper as a new substrate to construct a disposable sensor for the electrochemical determination of paracetamol and melatonin. *Talanta*, **2020**, 208, 120458	6.2	42
20	Activated biochar: Preparation, characterization and electroanalytical application in an alternative strategy of nickel determination. *Analytica Chimica Acta*, **2017**, 983, 103-111	6.6	36
19	Carbon Paste Electrode Modified with Biochar for Sensitive Electrochemical Determination of Paraquat. *Electroanalysis*, **2016**, 28, 764-769	3	31
18	Copper hexacyanoferrate nanoparticles supported on biochar for amperometric determination of isoniazid. *Electrochimica Acta*, **2018**, 285, 373-380	6.7	28
17	Green method for glucose determination using microfluidic device with a non-enzymatic sensor based on nickel oxyhydroxide supported at activated biochar. *Talanta*, **2019**, 200, 518-525	6.2	24
16	Development of conductive inks for electrochemical sensors and biosensors. *Microchemical Journal*, **2021**, 164, 105998	4.8	23
15	Voltammetric Electronic Tongue Based on Carbon Paste Electrodes Modified with Biochar for Phenolic Compounds Stripping Detection. *Electroanalysis*, **2019**, 31, 2238-2245	3	18
14	Sensing of L-methionine in biological samples through fully 3D-printed electrodes. *Analytica Chimica Acta*, **2021**, 1142, 135-142	6.6	15
13	Simple and low-cost sensor based on activated biochar for the stripping voltammetric detection of caffeic acid. *Microchemical Journal*, **2020**, 159, 105380	4.8	14
12	Quick electrochemical immunoassay for hantavirus detection based on biochar platform. *Talanta*, **2019**, 204, 163-171	6.2	13
11	Biosensing strategies for the electrochemical detection of viruses and viral diseases - A review. *Analytica Chimica Acta*, **2021**, 1159, 338384	6.6	13
10	Development and characterization of cereal bars made with flour of jabuticaba peel and okara. *Acta Scientiarum - Technology*, **2015**, 37, 117	0.5	11
9	Electrochemical Sensor Based on Nanodiamonds and Manioc Starch for Detection of Tetracycline. *Journal of Sensors*, **2021**, 2021, 1-10	2	7

8	Electrochemical Sensor Based on Beeswax and Carbon Black Thin Biofilms for Determination of Paraquat in Apis mellifera Honey. *Food Analytical Methods*, **2021**, 14, 606-615	3.4	7
7	State-of-the-art and perspectives in the use of biochar for electrochemical and electroanalytical applications. *Green Chemistry*, **2021**, 23, 5272-5301	10	7
6	Chemically-Activated Biochar from Ricinus communis L. Cake and Their Potential Applications for the Voltammetric Assessment of Some Relevant Environmental Pollutants. *Journal of the Brazilian Chemical Society*,	1.5	5
5	Influence of filament aging and conductive additive in 3D printed sensors.. *Analytica Chimica Acta*, **2022**, 1191, 339228	6.6	4
4	Prussian blue nanoparticles anchored on activated 3D printed sensor for the detection of -cysteine. *Sensors and Actuators B: Chemical*, **2022**, 362, 131797	8.5	3
3	On the physical and electrochemical properties of MLG-based electrode surfaces modified by microwave-assisted reactive plasma. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 272, 115346	3.1	1
2	Use of beeswax as an alternative binder in the development of composite electrodes: an approach for determination of hydrogen peroxide in honey samples. *Electrochimica Acta*, **2021**, 390, 138876	6.7	0
1	Propolis green biofilm for the immobilization of carbon nanotubes and metallic ions: Development of redox catalysts. *Journal of Electroanalytical Chemistry*, **2021**, 115747	4.1	