Cristiane Kalinke

List of Publications by Year
in descending order

27	1,290	430754	610775
papers	citations	18 h-index	24 g-index

27	27	27	1102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Additive-manufactured (3D-printed) electrochemical sensors: A critical review. Analytica Chimica Acta, 2020, 1118, 73-91.	2.6	265
2	Comparison of activation processes for 3D printed PLA-graphene electrodes: electrochemical properties and application for sensing of dopamine. Analyst, The, 2020, 145, 1207-1218.	1.7	113
3	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.	1.9	92
4	Waterproof paper as a new substrate to construct a disposable sensor for the electrochemical determination of paracetamol and melatonin. Talanta, 2020, 208, 120458.	2.9	82
5	Development of conductive inks for electrochemical sensors and biosensors. Microchemical Journal, 2021, 164, 105998.	2.3	81
6	Biosensing strategies for the electrochemical detection of viruses and viral diseases â€“ A review. Analytica Chimica Acta, 2021, 1159, 338384.	2.6	73
7	Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols. Analytical Chemistry, 2022, 94, 6417-6429.	3.2	72
8	Biochar prepared from castor oil cake at different temperatures: A voltammetric study applied for Pb2+, Cd2+ and Cu2+ ions preconcentration. Journal of Hazardous Materials, 2016, 318, 526-532.	6.5	66
9	Activated biochar: Preparation, characterization and electroanalytical application in an alternative strategy of nickel determination. Analytica Chimica Acta, 2017, 983, 103-111.	2.6	59
10	Carbon Paste Electrode Modified with Biochar for Sensitive Electrochemical Determination of Paraquat. Electroanalysis, 2016, 28, 764-769.	1.5	45
11	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.	2.9	45
12	Copper hexacyanoferrate nanoparticles supported on biochar for amperometric determination of isoniazid. Electrochimica Acta, 2018, 285, 373-380.	2.6	37
13	Sensing of L-methionine in biological samples through fully 3D-printed electrodes. Analytica Chimica Acta, 2021, 1142, 135-142.	2.6	36
14	State-of-the-art and perspectives in the use of biochar for electrochemical and electroanalytical applications. Green Chemistry, 2021, 23, 5272-5301.	4.6	36
15	Voltammetric Electronic Tongue Based on Carbon Paste Electrodes Modified with Biochar for Phenolic Compounds Stripping Detection. Electroanalysis, 2019, 31, 2238-2245.	1.5	30
16	Quick electrochemical immunoassay for hantavirus detection based on biochar platform. Talanta, 2019, 204, 163-171.	2.9	23
17	Simple and low-cost sensor based on activated biochar for the stripping voltammetric detection of caffeic acid. Microchemical Journal, 2020, 159, 105380.	2.3	23
18	Influence of filament aging and conductive additive in 3D printed sensors. Analytica Chimica Acta, 2022, 1191, 339228.	2.6	23

#	Article	IF	Citations
19	Electrochemical Sensor Based on Nanodiamonds and Manioc Starch for Detection of Tetracycline. Journal of Sensors, 2021, 2021, 1-10.	0.6	22
20	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.	1.3	18
21	<b>Development and characterization of cereal bars made with flour of jabuticaba peel and <i>okara. Acta Scientiarum - Technology, 2015, 37, 117.	0.4	17
22	Prussian blue nanoparticles anchored on activated 3D printed sensor for the detection of -cysteine. Sensors and Actuators B: Chemical, 2022, 362, 131797.	4.0	15
23	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, 0, , .	0.6	7
24	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.	1.7	5
25	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.	2.6	3
26	Propolis green biofilm for the immobilization of carbon nanotubes and metallic ions: Development of redox catalysts. Journal of Electroanalytical Chemistry, 2021, 900, 115747.	1.9	1
27	CONSTRUÃ‡ÃƒO DE UM SUPORTE AJUSTÃVEL LAB-MADE IMPRESSO EM 3D PARA MEDIÃ‡ÃƒO DE Ã‚NGULO DE CONTATO. Quimica Nova, 0, , .	0.3	1