

# Abdellatif Ait-Lahcen

## List of Publications by Year in descending order

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31  
papers

1,505  
citations

394286

19  
h-index

477173

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances and Prospects of Biochar-based Adsorbents for Malachite Green Removal: A Comprehensive Review. <i>Chemistry Africa</i> , 2023, 6, 579-608.	1.2	11
2	Dehydrate Sewage Sludge as an Efficient Adsorbent for Malachite Green Removal in Textile Wastewater: Experimental and Theoretical Studies. <i>Chemistry Africa</i> , 2022, 5, 359-373.	1.2	15
3	Biorecognition elements. , 2022, , 41-70.		2
4	A Portable Molecularly Imprinted Sensor for On-Site and Wireless Environmental Bisphenol A Monitoring. <i>Frontiers in Chemistry</i> , 2022, 10, 833899.	1.8	14
5	In Silico Approaches for Some Sulfa Drugs as Eco-Friendly Corrosion Inhibitors of Iron in Aqueous Medium. <i>Lubricants</i> , 2022, 10, 43.	1.2	10
6	3D-porous laser-scribed graphene decorated with overoxidized polypyrrole as an electrochemical sensing platform for dopamine. <i>Journal of Electroanalytical Chemistry</i> , 2022, 919, 116529.	1.9	15
7	Minimally-invasive, real-time, non-destructive, species-independent phytohormone biosensor for precision farming. <i>Biosensors and Bioelectronics</i> , 2022, 214, 114515.	5.3	20
8	Dried sewage sludge as an efficient adsorbent for pollutants: cationic methylene blue removal case study. <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	2.0	7
9	Gold nanostructured laser-scribed graphene: A new electrochemical biosensing platform for potential point-of-care testing of disease biomarkers. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113116.	5.3	84
10	Binary transition metal oxide modified laser-scribed graphene electrochemical aptasensor for the accurate and sensitive screening of acute myocardial infarction. <i>Electrochimica Acta</i> , 2021, 386, 138489.	2.6	34
11	Laser-scribed graphene sensor based on gold nanostructures and molecularly imprinted polymers: Application for Her-2 cancer biomarker detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130556.	4.0	37
12	Inherent Surface Activation of Laser-Scribed Graphene Decorated with Au and Ag Nanoparticles: Simultaneous Electrochemical Behavior toward Uric Acid and Dopamine. <i>Langmuir</i> , 2021, 37, 13890-13902.	1.6	18
13	A label-free aptasensor FET based on Au nanoparticle decorated Co <sub>3</sub> O <sub>4</sub> nanorods and a SWCNT layer for detection of cardiac troponin T protein. <i>Journal of Materials Chemistry B</i> , 2020, 8, 18-26.	2.9	33
14	Laser scribed graphene: A novel platform for highly sensitive detection of electroactive biomolecules. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112509.	5.3	49
15	Electrochemical sensors and biosensors using laser-derived graphene: A comprehensive review. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112565.	5.3	113
16	A chitosan gold nanoparticles molecularly imprinted polymer based ciprofloxacin sensor. <i>RSC Advances</i> , 2020, 10, 12823-12832.	1.7	70
17	One-step electrosynthesized molecularly imprinted polymer on laser scribed graphene bisphenol a sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 314, 128026.	4.0	91
18	Study of solvent effect on the synthesis of magnetic molecularly imprinted polymers based on ultrasound probe: Application for sulfonamide detection. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104670.	3.8	45

#	ARTICLE	IF	CITATIONS
19	Carbon Nanostructures for Energy and Sensing Applications. Journal of Nanotechnology, 2019, 2019, 1-3.	1.5	17
20	Fast route for the synthesis of decorated nanostructured magnetic molecularly imprinted polymers using an ultrasound probe. Ultrasonics Sonochemistry, 2019, 53, 226-236.	3.8	32
21	Recent Advances in Electrochemical Sensors Based on Molecularly Imprinted Polymers and Nanomaterials. Electroanalysis, 2019, 31, 188-201.	1.5	124
22	Mini-review: Recent Advances in Electrochemical Determination of Sulfonamides. Analytical Letters, 2018, 51, 424-441.	1.0	42
23	Ultrasound assisted magnetic imprinted polymer combined sensor based on carbon black and gold nanoparticles for selective and sensitive electrochemical detection of Bisphenol A. Sensors and Actuators B: Chemical, 2018, 276, 304-312.	4.0	124
24	Label-free electrochemical sensor based on spore-imprinted polymer for Bacillus cereus spore detection. Sensors and Actuators B: Chemical, 2018, 276, 114-120.	4.0	58
25	Electroanalytical determination of Bisphenol A: Investigation of electrode surface fouling using various carbon materials. Journal of Electroanalytical Chemistry, 2017, 789, 58-66.	1.9	53
26	A sensitive method for the determination of Sulfonamides in seawater samples by Solid Phase Extraction and UV-Visible spectrophotometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 276-285.	2.0	72
27	Synthesis and electrochemical characterization of nanostructured magnetic molecularly imprinted polymers for 17- $\beta$ -Estradiol determination. Sensors and Actuators B: Chemical, 2017, 241, 698-705.	4.0	111
28	Electrochemical Characterization of Carbon Solid-Like Paste Electrode Assembled Using Different Carbon Nanoparticles. Electroanalysis, 2016, 28, 1044-1051.	1.5	19
29	Molecularly Imprinted Polymer-Decorated Magnetite Nanoparticles for Selective Sulfonamide Detection. Analytical Chemistry, 2016, 88, 3578-3584.	3.2	137
30	Voltammetric determination of sulfonamides using paste electrodes based on various carbon nanomaterials. Mikrochimica Acta, 2016, 183, 2169-2176.	2.5	48
31	Minimally-Invasive, Real-Time, Non-Destructive, Species-Independent Phytohormone Biosensor for Precision Farming. SSRN Electronic Journal, 0, , .	0.4	0