

# Isacco Gualandi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5661510/publications.pdf>

Version: 2024-02-01

38  
papers

1,267  
citations

331670

21  
h-index

361022

35  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Gas Sensing Using a Hydrogel-Based Organic Electrochemical Transistor for Work Safety Applications. <i>Polymers</i> , 2022, 14, 1022.	4.5	6
2	Electrosynthesis of Ni/Al layered double hydroxide and reduced graphene oxide composites for the development of hybrid capacitors. <i>Electrochimica Acta</i> , 2021, 365, 137294.	5.2	19
3	A simple and industrially scalable method for making a PANI-modified cellulose touch sensor. <i>Carbohydrate Polymers</i> , 2021, 254, 117304.	10.2	14
4	Electrosynthesis and characterization of Layered Double Hydroxides on different supports. <i>Applied Clay Science</i> , 2021, 202, 105949.	5.2	5
5	Textile Chemical Sensors Based on Conductive Polymers for the Analysis of Sweat. <i>Polymers</i> , 2021, 13, 894.	4.5	43
6	Synthesis and Characterization of Layered Double Hydroxides as Materials for Electrocatalytic Applications. <i>Nanomaterials</i> , 2021, 11, 725.	4.1	28
7	Advanced Wound Dressing for Real-Time pH Monitoring. <i>ACS Sensors</i> , 2021, 6, 2366-2377.	7.8	54
8	Cyclopentadienone- $\pi$ -NHC iron(0) complexes as low valent electrocatalysts for water oxidation. <i>Catalysis Science and Technology</i> , 2021, 11, 1407-1418.	4.1	4
9	Wireless Textile Moisture Sensor for Wound Care. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	11
10	A Wearable Electrochemical Gas Sensor for Ammonia Detection. <i>Sensors</i> , 2021, 21, 7905.	3.8	21
11	Textile sensors platform for the selective and simultaneous detection of chloride ion and pH in sweat. <i>Scientific Reports</i> , 2020, 10, 17180.	3.3	46
12	Transient-doped organic electrochemical transistors working in current-enhancing mode as sensing devices for low concentration of oxygen dissolved in solution. <i>APL Materials</i> , 2020, 8, .	5.1	10
13	Design of an electrochemically gated organic semiconductor for pH sensing. <i>Electrochemistry Communications</i> , 2020, 116, 106763.	4.7	17
14	Needle-type organic electrochemical transistor for spatially resolved detection of dopamine. <i>Mikrochimica Acta</i> , 2020, 187, 378.	5.0	10
15	Layered Double Hydroxide-Modified Organic Electrochemical Transistor for Glucose and Lactate Biosensing. <i>Sensors</i> , 2020, 20, 3453.	3.8	39
16	Stretchable Low Impedance Electrodes for Bioelectronic Recording from Small Peripheral Nerves. <i>Scientific Reports</i> , 2019, 9, 10598.	3.3	51
17	Electrochemical Approach for the Production of Layered Double Hydroxides with a Well-Defined Co/Me <sup>III</sup> Ratio. <i>Chemistry - A European Journal</i> , 2019, 25, 16301-16310.	3.3	7
18	Electrochemical Deposition of Nanomaterials for Electrochemical Sensing. <i>Sensors</i> , 2019, 19, 1186.	3.8	119

#	ARTICLE	IF	CITATIONS
19	Newly developed electrochemical synthesis of Co-based layered double hydroxides: toward noble metal-free electro-catalysis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 11241-11249.	10.3	34
20	Organic Electrochemical Transistors as Versatile Analytical Potentiometric Sensors. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 354.	4.1	17
21	Ni/Al Layered Double Hydroxide and Carbon Nanomaterial Composites for Glucose Sensing. <i>ACS Applied Nano Materials</i> , 2019, 2, 143-155.	5.0	29
22	Nanoparticle gated semiconducting polymer for a new generation of electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 834-841.	7.8	24
23	Recent Progress in Wearable Fully Textile Chemical Sensors. <i>Advanced Materials Technologies</i> , 2018, 3, 1700310.	5.8	59
24	PEDOT: Dye-Based, Flexible Organic Electrochemical Transistor for Highly Sensitive pH Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22474-22484.	8.0	69
25	Electrically Controlled "Sponge Effect" of PEDOT:PSS Governs Membrane Potential and Cellular Growth. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6679-6689.	8.0	25
26	Analytical profiling of selected antioxidants and total antioxidant capacity of goji ( <i>Lycium spp.</i> ) berries. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 143, 252-260.	2.8	42
27	Role of Fe in the oxidation of methanol electrocatalyzed by Ni based layered double hydroxides: X-ray spectroscopic and electrochemical studies. <i>RSC Advances</i> , 2016, 6, 110976-110985.	3.6	24
28	Selective detection of dopamine with an all PEDOT:PSS Organic Electrochemical Transistor. <i>Scientific Reports</i> , 2016, 6, 35419.	3.3	125
29	Assessment of the Antioxidant Capacity of Standard Compounds and Fruit Juices by a Newly Developed Electrochemical Method: Comparative Study with Results from Other Analytical Methods. <i>Electroanalysis</i> , 2015, 27, 1906-1914.	2.9	7
30	Physical and Electrochemical Properties of PEDOT:PSS as a Tool for Controlling Cell Growth. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17993-18003.	8.0	109
31	Co/Al layered double hydroxide coated electrode for in flow amperometric detection of sugars. <i>Electrochimica Acta</i> , 2015, 173, 67-75.	5.2	29
32	Electrodeposition of PEDOT perchlorate as an alternative route to PEDOT:PSS for the development of bulk heterojunction solar cells. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1685-1693.	2.5	20
33	Analytical performances of Ni LDH films electrochemically deposited on Pt surfaces: Phenol and glucose detection. <i>Journal of Electroanalytical Chemistry</i> , 2014, 722-723, 15-22.	3.8	26
34	A Polypyrrole Based Sensor for the Electrochemical Detection of OH Radicals. <i>Electroanalysis</i> , 2014, 26, 1544-1550.	2.9	14
35	A new electrochemical sensor for OH radicals detection. <i>Talanta</i> , 2013, 115, 779-786.	5.5	19
36	An insight into the electrochemical behavior of Co/Al layered double hydroxide thin films prepared by electrodeposition. <i>Journal of Power Sources</i> , 2012, 201, 360-367.	7.8	35

#	ARTICLE	IF	CITATIONS
37	Electrocatalytic oxidation of salicylic acid by a cobalt hydrotalcite-like compound modified Pt electrode. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3200-3206.	10.1	56
38	All PEDOT:PSS devices as low cost wearable chemical sensors. , 0, , .		0