

Aoife Morrin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3847276/aoife-morrin-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

3,294
citations

27
h-index

57
g-index

70
ext. papers

3,622
ext. citations

5.1
avg, IF

5.28
L-index

#	Paper	IF	Citations
65	Multi-Strain and -Species Investigation of Volatile Metabolites Emitted from Planktonic and Biofilm <i>Candida</i> Cultures. <i>Metabolites</i> , 2022 , 12, 432	5.6	
64	Visualising household air pollution: Colorimetric sensor arrays for monitoring volatile organic compounds indoors. <i>PLoS ONE</i> , 2021 , 16, e0258281	3.7	
63	An Investigation of Stability and Species and Strain-Level Specificity in Bacterial Volatilomes. <i>Frontiers in Microbiology</i> , 2021 , 12, 693075	5.7	2
62	Colorimetric Sensing of Volatile Organic Compounds Produced from Heated Cooking Oils. <i>ACS Omega</i> , 2021 , 6, 7394-7401	3.9	6
61	Investigation of the relationship between skin-emitted volatile fatty acids and skin surface acidity in healthy participants - a pilot study. <i>Journal of Breath Research</i> , 2021 ,	3.1	1
60	Monitoring of Particulate Matter Emissions from 3D Printing Activity in the Home Setting. <i>Sensors</i> , 2021 , 21,	3.8	2
59	The Rediscovery of Honey for Skin Repair: Recent Advances in Mechanisms for Honey-Mediated Wound Healing and Scaffolded Application Techniques. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5192	2.6	5
58	Preparation and electrochemical sensing application of porous conducting polymers. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 135, 116155	14.6	6
57	Development of dynamic cell and organotypic skin models, for the investigation of a novel visco-elastic burns treatment using molecular and cellular approaches. <i>Burns</i> , 2020 , 46, 1585-1602	2.3	0
56	Electrostatically modulated magnetophoretic transport of functionalised iron-oxide nanoparticles through hydrated networks. <i>Nanoscale</i> , 2020 , 12, 10550-10558	7.7	2
55	Multi-strain volatile profiling of pathogenic and commensal cutaneous bacteria. <i>Scientific Reports</i> , 2020 , 10, 17971	4.9	4
54	Robust epidermal tattoo electrode platform for skin physiology monitoring. <i>Analytical Methods</i> , 2019 , 11, 1460-1468	3.2	9
53	Paper based electronic tongue - a low-cost solution for the distinction of sugar type and apple juice brand. <i>Analyst, The</i> , 2019 , 144, 2827-2832	5	20
52	Endogenous and microbial volatile organic compounds in cutaneous health and disease. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 111, 163-172	14.6	14
51	A review of ratiometric electrochemical sensors: From design schemes to future prospects. <i>Sensors and Actuators B: Chemical</i> , 2018 , 274, 501-516	8.5	66
50	Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry Analysis of Scent Profiles from Human Skin. <i>Cosmetics</i> , 2018 , 5, 62	2.7	8
49	Nanomaterial-doped conducting polymers for electrochemical sensors and biosensors. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4173-4190	7.3	107

48	A colorimetric method for use within portable test kits for nitrate determination in various water matrices. <i>Analytical Methods</i> , 2017 , 9, 680-687	3.2	14
47	Screen-printed Tattoo Sensor towards the Non-invasive Assessment of the Skin Barrier. <i>Electroanalysis</i> , 2017 , 29, 188-196	3	18
46	Biomedical Diagnostics Enabled by Integrated Organic and Printed Electronics. <i>Analytical Chemistry</i> , 2017 , 89, 7447-7454	7.8	21
45	Probing skin physiology through the volatile footprint: Discriminating volatile emissions before and after acute barrier disruption. <i>Experimental Dermatology</i> , 2017 , 26, 919-925	4	17
44	Non-Invasive Assessment of Skin Barrier Properties: Investigating Emerging Tools for In Vitro and In Vivo Applications. <i>Cosmetics</i> , 2017 , 4, 44	2.7	10
43	Impedimetric transduction of swelling in pH-responsive hydrogels. <i>Analyst, The</i> , 2015 , 140, 3003-11	5	14
42	Electro-stimulated release from a reduced graphene oxide composite hydrogel. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2530-2537	7.3	41
41	Wholly printed polypyrrole nanoparticle-based biosensors on flexible substrate. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 793-799	7.3	57
40	Fabrication of homogenous three dimensionally ordered conducting polymer/polystyrene opal structures in microfluidic channels. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6004-6009	7.1	6
39	Development and characterisation of switchable polyaniline-functionalised flow-through capillary monoliths. <i>RSC Advances</i> , 2014 , 4, 43934-43941	3.7	3
38	Fabrication of a 3-dimensional nanostructured binary colloidal crystal within a confined channel. <i>Journal of Colloid and Interface Science</i> , 2014 , 436, 211-7	9.3	2
37	Printing polyaniline for sensor applications. <i>Chemical Papers</i> , 2013 , 67,	1.9	54
36	Microfluidic thin-layer flow cell for conducting polymer growth and electroanalysis. <i>Electrochimica Acta</i> , 2013 , 104, 236-241	6.7	5
35	A sensor probe for the continuous in situ monitoring of ammonia leakage in secondary refrigerant systems. <i>Analytical Methods</i> , 2013 , 5, 134-140	3.2	8
34	Reactive inkjet printing. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10965		63
33	Inverse-Opal Conducting Polymer Monoliths in Microfluidic Channels. <i>Electroanalysis</i> , 2012 , 24, 1318-1323		9
32	Enhanced electrochemical reduction of hydrogen peroxide at metallic electrodes modified with surfactant and salt. <i>Electrochimica Acta</i> , 2011 , 58, 562-570	6.7	11
31	Chronocoulometric determination of urea in human serum using an inkjet printed biosensor. <i>Analytica Chimica Acta</i> , 2011 , 697, 98-102	6.6	16

30	Enhanced electrochemical reduction of hydrogen peroxide on silver paste electrodes modified with surfactant and salt. <i>Electrochimica Acta</i> , 2011 , 56, 4146-4153	6.7	14
29	Inkjet printable polyaniline-gold dispersions. <i>Thin Solid Films</i> , 2011 , 519, 4351-4356	2.2	16
28	Advanced printing and deposition methodologies for the fabrication of biosensors and biodevices. <i>Analyst, The</i> , 2010 , 135, 845-67	5	150
27	Fabrication of Polyaniline-Based Gas Sensors Using Piezoelectric Inkjet and Screen Printing for the Detection of Hydrogen Sulfide. <i>IEEE Sensors Journal</i> , 2010 , 10, 1419-1426	4	89
26	Determination of inorganic mercury using a polyaniline and polyaniline-methylene blue coated screen-printed carbon electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2010 , 90, 671-685	1.8	27
25	Development and application of a poly(2,2'-dithiodianiline) (PDTDA)-coated screen-printed carbon electrode in inorganic mercury determination. <i>Electrochimica Acta</i> , 2010 , 55, 4240-4246	6.7	53
24	Electrochemical nitrite nanosensor developed with amine- and sulphate-functionalised polystyrene latex beads self-assembled on polyaniline. <i>Electrochimica Acta</i> , 2010 , 55, 4274-4280	6.7	28
23	The Fabrication of Structurally Multiordered Polyaniline Films and Their Application in Electrochemical Sensing and Biosensing. <i>Electroanalysis</i> , 2009 , 21, 595-603	3	17
22	Fabrication of an ammonia gas sensor using inkjet-printed polyaniline nanoparticles. <i>Talanta</i> , 2008 , 77, 710-717	6.2	171
21	An aqueous ammonia sensor based on an inkjet-printed polyaniline nanoparticle-modified electrode. <i>Analyst, The</i> , 2008 , 133, 391-9	5	90
20	Fabrication of chemical sensors using inkjet printing and application to gas detection 2008 ,		4
19	The application of conducting polymer nanoparticle electrodes to the sensing of ascorbic acid. <i>Analytica Chimica Acta</i> , 2008 , 609, 37-43	6.6	120
18	The fabrication and characterization of inkjet-printed polyaniline nanoparticle films. <i>Electrochimica Acta</i> , 2008 , 53, 5092-5099	6.7	73
17	Electrochemical preparation of distinct polyaniline nanostructures by surface charge control of polystyrene nanoparticle templates. <i>Chemical Communications</i> , 2007 , 3207-9	5.8	36
16	Inkjet printable polyaniline nanoformulations. <i>Langmuir</i> , 2007 , 23, 8569-74	4	105
15	Characterization of Immunological Interactions at an Immuno-electrode by Scanning Electron Microscopy. <i>Electroanalysis</i> , 2007 , 19, 244-252	3	3
14	Nanocauliflowers: A Nanostructured Polyaniline-Modified Screen-Printed Electrode with a Self-Assembled Polystyrene Template and Its Application in an Amperometric Enzyme Biosensor. <i>Electroanalysis</i> , 2007 , 19, 876-883	3	26
13	In situ electropolymerised silica-polyaniline core-shell structures: Electrode modification and enzyme biosensor enhancement. <i>Electrochimica Acta</i> , 2007 , 52, 1865-1870	6.7	36

12	Development and Characterization of Nickel-NTA-Polyaniline Modified Electrodes. <i>Electroanalysis</i> , 2006 , 18, 77-81	3	8
11	Application of Nanoparticles in Electrochemical Sensors and Biosensors. <i>Electroanalysis</i> , 2006 , 18, 319-326	3.6	992
10	Enhancement of a conducting polymer-based biosensor using carbon nanotube-doped polyaniline. <i>Analytica Chimica Acta</i> , 2006 , 575, 39-44	6.6	118
9	An HRP based biosensor using sulphonated polyaniline. <i>Synthetic Metals</i> , 2005 , 153, 185-188	3.6	34
8	Novel biosensor fabrication methodology based on processable conducting polyaniline nanoparticles. <i>Electrochemistry Communications</i> , 2005 , 7, 317-322	5.1	82
7	An Amperometric Enzyme Biosensor Fabricated from Polyaniline Nanoparticles. <i>Electroanalysis</i> , 2005 , 17, 423-430	3	83
6	Organic Phase Cyclopentadienylnickelthiolate Sensor System for Electrochemical Determination of Sulfur Dioxide. <i>Electroanalysis</i> , 2004 , 16, 1944-1948	3	1
5	Electrocatalytic sensor devices: (I) cyclopentadienylnickel(II) thiolato Schiff base monolayer self-assembled on gold. <i>Talanta</i> , 2004 , 64, 30-8	6.2	22
4	Electrochemistry and scanning electron microscopy of polyaniline/peroxidase-based biosensor. <i>Talanta</i> , 2004 , 64, 115-20	6.2	103
3	Characterisation of horseradish peroxidase immobilisation on an electrochemical biosensor by colorimetric and amperometric techniques. <i>Biosensors and Bioelectronics</i> , 2003 , 18, 715-20	11.8	35
2	Electrochemical Characterization of Commercial and Home-Made Screen-Printed Carbon Electrodes. <i>Analytical Letters</i> , 2003 , 36, 2021-2039	2.2	84
1	Inkjet Printed Electrochemical Sensors. <i>Advanced Micro & Nanosystems</i> , 295-311		3