

Mathieu Etienne

List of Publications by Citations

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121
papers

3,878
citations

33
h-index

58
g-index

127
ext. papers

4,202
ext. citations

5.7
avg, IF

5.33
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 121 | Electrochemically assisted self-assembly of mesoporous silica thin films. <i>Nature Materials</i> , 2007 , 6, 602-827 | | 408 |
| 120 | Rate of Access to the Binding Sites in Organically Modified Silicates. 2. Ordered Mesoporous Silicas Grafted with Amine or Thiol Groups. <i>Chemistry of Materials</i> , 2003 , 15, 2161-2173 | 9.6 | 254 |
| 119 | Analytical investigation of the chemical reactivity and stability of aminopropyl-grafted silica in aqueous medium. <i>Talanta</i> , 2003 , 59, 1173-88 | 6.2 | 236 |
| 118 | Molecular Transport into Mesostructured Silica Thin Films: Electrochemical Monitoring and Comparison between p6m, P63/mmc, and Pm3n Structures. <i>Chemistry of Materials</i> , 2007 , 19, 844-856 | 9.6 | 162 |
| 117 | Rate of Access to the Binding Sites in Organically Modified Silicates. 1. Amorphous Silica Gels Grafted with Amine or Thiol Groups. <i>Chemistry of Materials</i> , 2002 , 14, 2757-2766 | 9.6 | 143 |
| 116 | Oriented Mesoporous Silica Films Obtained by Electro-Assisted Self-Assembly (EASA). <i>Chemistry of Materials</i> , 2009 , 21, 731-741 | 9.6 | 136 |
| 115 | Direct electrochemistry of hemoglobin and glucose oxidase in electrodeposited sol-gel silica thin films on glassy carbon. <i>Electrochemistry Communications</i> , 2007 , 9, 1189-1195 | 5.1 | 124 |
| 114 | Voltammetric detection of copper(II) at a carbon paste electrode containing an organically modified silica. <i>Sensors and Actuators B: Chemical</i> , 2001 , 76, 531-538 | 8.5 | 108 |
| 113 | Grafted Silicas in Electroanalysis: Amorphous Versus Ordered Mesoporous Materials. <i>Electroanalysis</i> , 2003 , 15, 414-421 | 3 | 82 |
| 112 | Oriented mesoporous organosilica films on electrode: a new class of nanomaterials for sensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 2398-406 | 1.3 | 73 |
| 111 | High resolution constant-distance mode alternating current scanning electrochemical microscopy (AC-SECM). <i>Electrochemistry Communications</i> , 2004 , 6, 288-293 | 5.1 | 73 |
| 110 | Organically-modified mesoporous silica spheres with MCM-41 architecture. <i>New Journal of Chemistry</i> , 2002 , 26, 384-386 | 3.6 | 65 |
| 109 | Positronium reemission yield from mesostructured silica films. <i>Applied Physics Letters</i> , 2008 , 92, 063114 | 3.4 | 62 |
| 108 | Constant-distance mode AC-SECM for the visualisation of corrosion pits. <i>Electrochemistry Communications</i> , 2007 , 9, 1793-1797 | 5.1 | 62 |
| 107 | Dual microelectrodes for distance control and detection of nitric oxide from endothelial cells by means of scanning electrochemical microscope. <i>Analytical Chemistry</i> , 2004 , 76, 6389-94 | 7.8 | 61 |
| 106 | Electrochemical approaches for the fabrication and/or characterization of pure and hybrid templated mesoporous oxide thin films: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 1497-512 | 4.4 | 59 |
| 105 | Uptake of inorganic HgII by organically modified silicates: influence of pH and chloride concentration on the binding pathways and electrochemical monitoring of the processes. <i>Analytica Chimica Acta</i> , 2004 , 508, 87-98 | 6.6 | 58 |

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|-----|---|------|----|
| 104 | Evaporation induced self-assembly of templated silica and organosilica thin films on various electrode surfaces. <i>Electrochemistry Communications</i> , 2005 , 7, 1449-1456 | 5.1 | 57 |
| 103 | Electrogeneration of highly methylated mesoporous silica thin films with vertically-aligned mesochannels and electrochemical monitoring of mass transport issues. <i>Journal of Materials Chemistry</i> , 2010 , 20, 6799 | | 56 |
| 102 | In situ formation and scanning electrochemical microscopy assisted positioning of NO-sensors above human umbilical vein endothelial cells for the detection of nitric oxide release. <i>Electrochemistry Communications</i> , 2003 , 5, 847-852 | 5.1 | 54 |
| 101 | Covalent Immobilization of (2,2'-Bipyridyl) (Pentamethylcyclopentadienyl)-Rhodium Complex on a Porous Carbon Electrode for Efficient Electrocatalytic NADH Regeneration. <i>ACS Catalysis</i> , 2017 , 7, 4386-4394 | 13.1 | 48 |
| 100 | Constant-distance mode scanning potentiometry. 1. Visualization of calcium carbonate dissolution in aqueous solution. <i>Analytical Chemistry</i> , 2004 , 76, 3682-8 | 7.8 | 47 |
| 99 | Electrochemical Generation of Thin Silica Films with Hierarchical Porosity. <i>Chemistry of Materials</i> , 2010 , 22, 3426-3432 | 9.6 | 45 |
| 98 | Tuning the Sensitivity of Electrodes Modified with an Organic-Inorganic Hybrid by Tailoring the Structure of the Nanocomposite Material. <i>Electroanalysis</i> , 2002 , 14, 1521-1525 | 3 | 45 |
| 97 | Feedback-independent Pt nanoelectrodes for shear force-based constant-distance mode scanning electrochemical microscopy. <i>Analytical Chemistry</i> , 2006 , 78, 7317-24 | 7.8 | 43 |
| 96 | Durable cofactor immobilization in sol-gel bio-composite thin films for reagentless biosensors and bioreactors using dehydrogenases. <i>Biosensors and Bioelectronics</i> , 2012 , 32, 111-7 | 11.8 | 41 |
| 95 | Electrochemically assisted self-assembly of ordered and functionalized mesoporous silica films: impact of the electrode geometry and size on film formation and properties. <i>Faraday Discussions</i> , 2013 , 164, 259-73 | 3.6 | 41 |
| 94 | Factors affecting the electrochemical regeneration of NADH by (2,2'-bipyridyl) (pentamethylcyclopentadienyl)-rhodium complexes: impact on their immobilization onto electrode surfaces. <i>Bioelectrochemistry</i> , 2011 , 82, 46-54 | 5.6 | 41 |
| 93 | Mesoporous Materials-Based Electrochemical Enzymatic Biosensors. <i>Electroanalysis</i> , 2015 , 27, 2028-2054 | | 40 |
| 92 | Preconcentration Electroanalysis at Surfactant-Templated Thiol-Functionalized Silica Thin Films. <i>Electroanalysis</i> , 2007 , 19, 129-138 | 3 | 37 |
| 91 | Imaging localised corrosion of NiTi shape memory alloys by means of alternating current scanning electrochemical microscopy (AC-SECM). <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004 , 378, 523-526 | 5.3 | 37 |
| 90 | Factors affecting copper(II) binding to multiarmed cyclam-grafted mesoporous silica in aqueous solution. <i>Langmuir</i> , 2009 , 25, 9804-13 | 4 | 35 |
| 89 | Multiarm cyclam-grafted mesoporous silica: a strategy to improve the chemical stability of silica materials functionalized with amine ligands. <i>Langmuir</i> , 2009 , 25, 3137-45 | 4 | 35 |
| 88 | Electrogeneration of ultra-thin silica films for the functionalization of macroporous electrodes. <i>Electrochemistry Communications</i> , 2011 , 13, 138-142 | 5.1 | 31 |
| 87 | Electrochemical evidences of morphological transformation in ordered mesoporous titanium oxide thin films. <i>Chemical Communications</i> , 2005 , 4566-8 | 5.8 | 31 |

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|----|--|-----|----|
| 86 | Electrochemically assisted deposition of sol-gel bio-composite with co-immobilized dehydrogenase and diaphorase. <i>Electrochimica Acta</i> , 2011 , 56, 9032-9040 | 6.7 | 30 |
| 85 | Microscale Controlled Electrogeneration of Patterned Mesoporous Silica Thin Films. <i>Chemistry of Materials</i> , 2011 , 23, 5313-5322 | 9.6 | 30 |
| 84 | SECM-based automate equipped with a shearforce detection for the characterization of large and complex samples. <i>Electrochemistry Communications</i> , 2012 , 15, 70-73 | 5.1 | 29 |
| 83 | Dehydrogenase-Based Reagentless Biosensors: Electrochemically Assisted Deposition of Sol-Gel Thin Films on Functionalized Carbon Nanotubes. <i>Electroanalysis</i> , 2012 , 24, 376-385 | 3 | 25 |
| 82 | Immobilization of Cysteine-Tagged Proteins on Electrode Surfaces by Thiol-Ene Click Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17591-8 | 9.5 | 24 |
| 81 | Cyclam-Functionalized Silica-Modified Electrodes for Selective Determination of Cu(II). <i>Electroanalysis</i> , 2009 , 21, 280-289 | 3 | 24 |
| 80 | Constant-Distance Mode Scanning Potentiometry. High Resolution pH Measurements in Three-Dimensions. <i>Electroanalysis</i> , 2007 , 19, 318-323 | 3 | 24 |
| 79 | Improved Resolution of Local Metal Deposition by Means of Constant Distance Mode Scanning Electrochemical Microscopy. <i>Electroanalysis</i> , 2005 , 17, 538-542 | 3 | 24 |
| 78 | Bimodal mesoporous titanium dioxide anatase films templated by a block polymer and an ionic liquid: influence of the porosity on the permeability. <i>Nanoscale</i> , 2013 , 5, 12316-29 | 7.7 | 23 |
| 77 | Mesoporous silica nanoparticle film as sorbent for in situ and real-time monitoring of volatile BTX (benzene, toluene and xylenes). <i>Sensors and Actuators B: Chemical</i> , 2016 , 223, 904-913 | 8.5 | 22 |
| 76 | Electro-Assisted Self-Assembly of Cetyltrimethylammonium-Templated Silica Films in Aqueous Media: Critical Effect of Counteranions on the Morphology and Mesostructure Type. <i>Chemistry of Materials</i> , 2014 , 26, 1848-1858 | 9.6 | 22 |
| 75 | Electrochemically assisted bacteria encapsulation in thin hybrid sol-gel films. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1052-1059 | 7.3 | 22 |
| 74 | Electroanalytical properties of haemoglobin in silica-nanocomposite films electrogenerated on pyrolytic graphite electrode. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 625, 33-39 | 4.1 | 22 |
| 73 | Combined Raman microspectrometer and shearforce regulated SECM for corrosion and self-healing analysis. <i>Analytical Chemistry</i> , 2014 , 86, 11203-10 | 7.8 | 20 |
| 72 | Amperometric Biosensor for Choline Based on Gold Screen-Printed Electrode Modified with Electrochemically-Deposited Silica Biocomposite. <i>Electroanalysis</i> , 2015 , 27, 1685-1692 | 3 | 19 |
| 71 | Organically-modified mesoporous silica spheres with MCM-41 architecture as sorbents for heavy metals. <i>Studies in Surface Science and Catalysis</i> , 2002 , 141, 615-622 | 1.8 | 19 |
| 70 | Lignin-Based Carbon Nanofibers as Electrodes for Vanadium Redox Couple Electrochemistry. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 18 |
| 69 | Clay-mesoporous silica composite films generated by electro-assisted self-assembly. <i>Electrochimica Acta</i> , 2013 , 112, 333-341 | 6.7 | 18 |

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|----|---|------|----|
| 68 | Optimization of the shearforce signal for scanning electrochemical microscopy and application for kinetic analysis. <i>Electrochimica Acta</i> , 2013 , 88, 877-884 | 6.7 | 18 |
| 67 | Accurate and simplified consideration of the probe geometrical defaults in scanning electrochemical microscopy: theoretical and experimental investigations. <i>Analytical Chemistry</i> , 2011 , 83, 9669-75 | 7.8 | 18 |
| 66 | Sol-gel based Artificial Biofilm from Pseudomonas fluorescens using bovine heart cytochrome c as electron mediator. <i>Electrochemistry Communications</i> , 2014 , 38, 71-74 | 5.1 | 17 |
| 65 | Reagentless D-sorbitol biosensor based on D-sorbitol dehydrogenase immobilized in a sol-gel carbon nanotubes-poly(methylene green) composite. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 3899-906 | 4.4 | 17 |
| 64 | Accurate control of the electrode shape for high resolution shearforce regulated SECM. <i>Electrochimica Acta</i> , 2013 , 110, 16-21 | 6.7 | 16 |
| 63 | Local electrocatalytic induction of sol-gel deposition at Pt nanoparticles. <i>Electrochemistry Communications</i> , 2011 , 13, 759-762 | 5.1 | 16 |
| 62 | Controlled electrochemically-assisted deposition of sol-gel biocomposite on electrospun platinum nanofibers. <i>Langmuir</i> , 2011 , 27, 7140-7 | 4 | 16 |
| 61 | Macroporous carbon nanotube-carbon composite electrodes. <i>Carbon</i> , 2016 , 109, 106-116 | 10.4 | 16 |
| 60 | Layer-by-Layer modification of graphite felt with MWCNT for vanadium redox flow battery. <i>Electrochimica Acta</i> , 2019 , 313, 131-140 | 6.7 | 15 |
| 59 | Molecular and Biological Catalysts Coimmobilization on Electrode by Combining Diazonium Electrografting and Sequential Click Chemistry. <i>ChemElectroChem</i> , 2018 , 5, 2208-2217 | 4.3 | 15 |
| 58 | Enzymatic bioreactor for simultaneous electrosynthesis and energy production. <i>Electrochimica Acta</i> , 2016 , 199, 342-348 | 6.7 | 15 |
| 57 | One Step Deposition of Sol-Gel Carbon Nanotubes Biocomposite for Reagentless Electrochemical Devices. <i>Electroanalysis</i> , 2013 , 25, 85-93 | 3 | 15 |
| 56 | Electrophoretically deposited carbon nanotubes as a novel support for electrogenerated silica dehydrogenase bioelectrodes. <i>Electrochimica Acta</i> , 2012 , 83, 359-366 | 6.7 | 15 |
| 55 | Interest of the Sol-Gel Approach for Multiscale Tailoring of Porous Bioelectrode Surfaces. <i>Electroanalysis</i> , 2013 , 25, 621-629 | 3 | 14 |
| 54 | Electrophoretic deposition of macroporous carbon nanotube assemblies for electrochemical applications. <i>Carbon</i> , 2013 , 53, 302-312 | 10.4 | 14 |
| 53 | Multiscale-tailored bioelectrode surfaces for optimized catalytic conversion efficiency. <i>Langmuir</i> , 2011 , 27, 12737-44 | 4 | 14 |
| 52 | Core-shell alginate@silica microparticles encapsulating probiotics. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7929-7935 | 7.3 | 13 |
| 51 | A rapid and simple protocol to prepare a living biocomposite that mimics electroactive biofilms. <i>Bioelectrochemistry</i> , 2017 , 118, 131-138 | 5.6 | 13 |

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|----|---|-----|----|
| 50 | Critical Effect of Polyelectrolytes on the Electrochemical Response of Dehydrogenases Entrapped in Sol-Gel Thin Films. <i>Electroanalysis</i> , 2010 , 22, 2092-2100 | 3 | 13 |
| 49 | Shearforce positioning of nanoprobe electrode arrays for scanning electrochemical microscopy experiments. <i>Electrochimica Acta</i> , 2015 , 179, 45-56 | 6.7 | 12 |
| 48 | Orthopositronium annihilation and emission in mesostructured thin silica and silicalite-1 films. <i>Applied Surface Science</i> , 2008 , 255, 187-190 | 6.7 | 12 |
| 47 | Electrochemistry and Spectroelectrochemistry with Electrospun Indium Tin Oxide Nanofibers. <i>Electrochimica Acta</i> , 2016 , 202, 55-65 | 6.7 | 12 |
| 46 | Electrocatalytic Biosynthesis using a Bucky Paper Functionalized by [Cp*Rh(bpy)Cl] ⁺ and a Renewable Enzymatic Layer. <i>ChemCatChem</i> , 2018 , 10, 4067-4073 | 5.2 | 12 |
| 45 | Porous and Transparent Metal-oxide Electrodes : Preparation Methods and Electroanalytical Application Prospects. <i>Electroanalysis</i> , 2018 , 30, 1241-1258 | 3 | 11 |
| 44 | Scanning Gel Electrochemical Microscopy for Topography and Electrochemical Imaging. <i>Analytical Chemistry</i> , 2018 , 90, 8889-8895 | 7.8 | 10 |
| 43 | Local pH measurement at wet mineral-bacteria/air interface. <i>Electrochemistry Communications</i> , 2014 , 44, 1-3 | 5.1 | 10 |
| 42 | Covalent functionalization of few-wall carbon nanotubes by ferrocene derivatives for bioelectrochemical devices. <i>Physica Status Solidi (B): Basic Research</i> , 2012 , 249, 2349-2352 | 1.3 | 10 |
| 41 | Site selective generation of sol-gel deposits in layered bimetallic macroporous electrode architectures. <i>Langmuir</i> , 2012 , 28, 2323-6 | 4 | 10 |
| 40 | SYNTHÈSE ET ÉTUDE COMPARÉE DES PROPRIÉTÉS COMPLEXANTES DE DÉRIVÉS DE L'ACIDE METHYLÈNE DIPHOSPHONIQUE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000 , 161, 75-96 ¹ | | 10 |
| 39 | Scanning gel electrochemical microscopy (SGECM): The potentiometric measurements. <i>Electrochemistry Communications</i> , 2018 , 97, 64-67 | 5.1 | 10 |
| 38 | Immobilization of membrane-bounded (S)-mandelate dehydrogenase in sol-gel matrix for electroenzymatic synthesis. <i>Bioelectrochemistry</i> , 2015 , 104, 65-70 | 5.6 | 9 |
| 37 | An L-glucitol oxidizing dehydrogenase from Bradyrhizobium japonicum USDA 110 for production of D-sorbose with enzymatic or electrochemical cofactor regeneration. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 3023-32 | 5.7 | 9 |
| 36 | Solvent-free electrodeposition of polypyrrole as a base for the preparation of carbonised platinum microelectrodes. <i>Electrochimica Acta</i> , 2005 , 50, 5001-5008 | 6.7 | 9 |
| 35 | Rapid and reversible adsorption of BTX on mesoporous silica thin films for their real time spectrophotometric detection in air at ppm levels. <i>Talanta</i> , 2019 , 203, 269-273 | 6.2 | 8 |
| 34 | Voltammetric and microscopic characteristics of MnO ₂ and silica-MnO ₂ hybrid films electrodeposited on the surface of planar electrodes. <i>Electrochimica Acta</i> , 2019 , 306, 680-687 | 6.7 | 8 |
| 33 | Functionalized carbon nanotubes for bioelectrochemical applications: Critical influence of the linker. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 707, 129-133 | 4.1 | 8 |

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| 32 | Scanning Gel Electrochemical Microscopy (SGECM): Lateral Physical Resolution by Current and Shear Force Feedback. <i>Analytical Chemistry</i> , 2020 , 92, 6415-6422 | 7.8 | 7 |
| 31 | Local Evolution of pH with Time Determined by Shear Force-based Scanning Electrochemical Microscopy: Surface Reactivity of Anodized Aluminium. <i>Electroanalysis</i> , 2016 , 28, 2466-2471 | 3 | 7 |
| 30 | Local pH changes triggered by photoelectrochemistry for silica condensation at the liquid-liquid interface. <i>Electrochimica Acta</i> , 2016 , 188, 71-77 | 6.7 | 7 |
| 29 | A Scheme To Produce The Antihydrogen Ion H + For Gravity Measurements. <i>AIP Conference Proceedings</i> , 2008 , | 0 | 7 |
| 28 | Electrochemical Filter To Remove Oxygen Interference Locally, Rapidly, and Temporarily for Sensing Applications. <i>Analytical Chemistry</i> , 2020 , 92, 7425-7429 | 7.8 | 5 |
| 27 | Electrode Materials (Bulk Materials and Modification). <i>Nanostructure Science and Technology</i> , 2014 , 403-495 | 4.9 | 5 |
| 26 | Sol-gel Approaches for Elaboration of Polyol Dehydrogenase-Based Bioelectrodes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2013 , 227, 667-689 | 3.1 | 5 |
| 25 | Real-Time Ozone Sensor Based on Selective Oxidation of Methylene Blue in Mesoporous Silica Films. <i>Sensors</i> , 2019 , 19, | 3.8 | 4 |
| 24 | Highly Interconnected Macroporous and Transparent Indium Tin Oxide Electrode. <i>ChemElectroChem</i> , 2018 , 5, 397-404 | 4.3 | 3 |
| 23 | Accurate control of the covalent functionalization of single-walled carbon nanotubes for the electro-enzymatically controlled oxidation of biomolecules. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2750-2762 | 3 | 3 |
| 22 | Influence of cytochrome charge and potential on the cathodic current of electroactive artificial biofilms. <i>Bioelectrochemistry</i> , 2018 , 124, 185-194 | 5.6 | 2 |
| 21 | Electrochemical Investigation of Thiobacillus Denitrificans in a Bacterial Composite. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 135502 | 3.9 | 2 |
| 20 | Local removal of oxygen for NAD(P)+ detection in aerated solutions. <i>Electrochimica Acta</i> , 2020 , 353, 1365-1376 | 5.6 | 2 |
| 19 | Carbon Monoliths with Hierarchical Porous Structure for All-Vanadium Redox Flow Batteries. <i>Batteries</i> , 2021 , 7, 55 | 5.7 | 2 |
| 18 | Real-Time Optical Ozone Sensor for Occupational Exposure Assessment 2019 , | | 1 |
| 17 | Protamine Promotes Direct Electron Transfer Between Shewanella oneidensis Cells and Carbon Nanomaterials in Bacterial Biocomposites. <i>ChemElectroChem</i> , 2019 , 6, 2398-2406 | 4.3 | 1 |
| 16 | Functional Electrodes for Enzymatic Electrosynthesis 2017 , 215-271 | | 1 |
| 15 | Electrochemistry within template nanosystems. <i>SPR Electrochemistry</i> , 124-197 | | 1 |

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| 14 | Electrocatalytic effect towards NADH induced by HiPco single-walled carbon nanotubes covalently functionalized by ferrocene derivatives. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1531, 1 | | 1 |
| 13 | Molecularly imprinted polymer as a synthetic receptor mimic for capacitive impedimetric selective recognition of Escherichia coli K-12. <i>Analytica Chimica Acta</i> , 2021 , 1188, 339177 | 6.6 | 1 |
| 12 | Effect of Cathode Material and Its Size on the Abundance of Nitrogen Removal Functional Genes in Microcosms of Integrated Bioelectrochemical-Wetland Systems. <i>Soil Systems</i> , 2020 , 4, 47 | 3.5 | 1 |
| 11 | A hybrid electrochemical flow reactor to couple H ₂ oxidation to NADH regeneration for biochemical reactions. <i>Electrochemical Science Advances</i> , e202100012 | | 1 |
| 10 | Composite Anion Exchange Membranes Fabricated by Coating and UV Crosslinking of Low-Cost Precursors Tested in a Redox Flow Battery. <i>Polymers</i> , 2021 , 13, | 4.5 | 1 |
| 9 | Electroanalytical metal sensor with built-in oxygen filter. <i>Analytica Chimica Acta</i> , 2021 , 1167, 338544 | 6.6 | 1 |
| 8 | Integrated probe for electrochemical analysis of small volume droplets. <i>Sensors and Actuators B: Chemical</i> , 2021 , 347, 130542 | 8.5 | 1 |
| 7 | Electrochemical analysis of a microbial electrochemical snorkel in laboratory and constructed wetlands. <i>Bioelectrochemistry</i> , 2021 , 142, 107895 | 5.6 | 1 |
| 6 | Electrochemical Activity of Cytochrome P450 1A2: The Relevance of O ₂ Control and the Natural Electron Donor. <i>ChemElectroChem</i> , 2021 , 8, 500-507 | 4.3 | 0 |
| 5 | Multiphase chemical engineering as a tool in modelling electromediated reactions- example of Rh complex-mediated regeneration of NADH. <i>Chemical Engineering Science</i> , 2022 , 247, 117055 | 4.4 | 0 |
| 4 | Protamine Promotes Direct Electron Transfer Between Shewanella Oneidensis Cells and Carbon Nanomaterials in Bacterial Biocomposites. <i>ChemElectroChem</i> , 2019 , 6, 2349-2349 | 4.3 | |
| 3 | Few-wall carbon nanotubes covalently functionalized by ferrocene groups for bioelectrochemical devices.. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1451, 111-116 | | |
| 2 | Electrochemical Activity of Cytochrome P450 1A2: The Relevance of O ₂ Control and the Natural Electron Donor. <i>ChemElectroChem</i> , 2021 , 8, 430-430 | 4.3 | |
| 1 | Electrochemistry of Biofilms 2018 , 182-189 | | |