

# RÃ³bert E GyurcsÃ¡nyi

## List of Publications by Year in descending order

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113  
papers

4,742  
citations

76322

40  
h-index

106340

65  
g-index

117  
all docs

117  
docs citations

117  
times ranked

3755  
citing authors

| #  | ARTICLE                                                                                                                                                                                           | IF   | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Quality control criteria for solid-contact, solvent polymeric membrane ion-selective electrodes. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 51-68.                                | 2.5  | 273       |
| 2  | Chemically-modified nanopores for sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 627-639.                                                                                      | 11.4 | 182       |
| 3  | Tailored Transport Through Ion-Selective Membranes for Improved Detection Limits and Selectivity Coefficients. <i>Electroanalysis</i> , 1999, 11, 695-702.                                        | 2.9  | 141       |
| 4  | Electrosynthesized molecularly imprinted polymers for protein recognition. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 179-190.                                                      | 11.4 | 138       |
| 5  | Electrosynthesized Surface-Imprinted Conducting Polymer Microrods for Selective Protein Recognition. <i>Advanced Materials</i> , 2009, 21, 2271-2275.                                             | 21.0 | 135       |
| 6  | Picomolar Detection Limits with Current-Polarized Pb <sup>2+</sup> -Ion-Selective Membranes. <i>Analytical Chemistry</i> , 2001, 73, 4249-4253.                                                   | 6.5  | 131       |
| 7  | Electrosynthesized molecularly imprinted polypyrrole films for enantioselective recognition of L-aspartic acid. <i>Electrochimica Acta</i> , 2008, 53, 2729-2736.                                 | 5.2  | 123       |
| 8  | Direct Evidence of Ionic Fluxes Across Ion-Selective Membranes: A Scanning Electrochemical Microscopic and Potentiometric Study. <i>Analytical Chemistry</i> , 2001, 73, 2104-2111.               | 6.5  | 119       |
| 9  | A polypyrrole-based solid-contact Pb <sup>2+</sup> -selective PVC-membrane electrode with a nanomolar detection limit. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 7-14.           | 3.7  | 117       |
| 10 | Microfabricated ISEs: critical comparison of inherently conducting polymer and hydrogel based inner contacts. <i>Talanta</i> , 2004, 63, 89-99.                                                   | 5.5  | 115       |
| 11 | Novel polypyrrole based all-solid-state potassium-selective microelectrodes. <i>Analyst, The</i> , 1998, 123, 1339-1344.                                                                          | 3.5  | 101       |
| 12 | Hybridization-Modulated Ion Fluxes through Peptide-Nucleic-Acid- Functionalized Gold Nanotubes. A New Approach to Quantitative Label-Free DNA Analysis. <i>Nano Letters</i> , 2007, 7, 1609-1612. | 9.1  | 92        |
| 13 | Aptamer-based biochips for label-free detection of plant virus coat proteins by SPR imaging. <i>Analyst, The</i> , 2010, 135, 918.                                                                | 3.5  | 90        |
| 14 | Comparative investigation of electrochemical cholinesterase biosensors for pesticide determination. <i>Analytica Chimica Acta</i> , 2000, 404, 55-65.                                             | 5.4  | 82        |
| 15 | Amperometric microcells for alkaline phosphatase assay. <i>Analyst, The</i> , 2002, 127, 235-240.                                                                                                 | 3.5  | 75        |
| 16 | FTIR-ATR Study of Water Uptake and Diffusion Through Ion-Selective Membranes Based on Plasticized Poly(vinyl chloride). <i>Electroanalysis</i> , 2009, 21, 1914-1922.                             | 2.9  | 75        |
| 17 | Polyaniline Nanoparticle-Based Solid-Contact Silicone Rubber Ion-Selective Electrodes for Ultratrace Measurements. <i>Analytical Chemistry</i> , 2010, 82, 9425-9432.                             | 6.5  | 75        |
| 18 | Electrosynthesized molecularly imprinted polyscopoletin nanofilms for human serum albumin detection. <i>Analytica Chimica Acta</i> , 2017, 977, 1-9.                                              | 5.4  | 73        |

| #  | ARTICLE                                                                                                                                                                                                                                                     | IF   | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Solid-State Ion Channels for Potentiometric Sensing. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1656-1659.                                                                                                                                | 13.8 | 72        |
| 20 | Selective Artificial Receptors Based on Micropatterned Surface-Imprinted Polymers for Label-Free Detection of Proteins by SPR Imaging. <i>Advanced Functional Materials</i> , 2011, 21, 591-597.                                                            | 14.9 | 68        |
| 21 | Pre-Polarized Hydrophobic Conducting Polymer Solid-Contact Ion-Selective Electrodes with Improved Potential Reproducibility. <i>Analytical Chemistry</i> , 2017, 89, 2598-2605.                                                                             | 6.5  | 68        |
| 22 | Molecularly imprinted polymer-based electrochemical sensors for biopolymers. <i>Current Opinion in Electrochemistry</i> , 2019, 14, 53-59.                                                                                                                  | 4.8  | 67        |
| 23 | FTIR-ATR Study of Water Uptake and Diffusion through Ion-Selective Membranes Based on Poly(acrylates) and Silicone Rubber. <i>Analytical Chemistry</i> , 2009, 81, 5925-5934.                                                                               | 6.5  | 64        |
| 24 | Chemical imaging of biological systems with the scanning electrochemical microscope. <i>Bioelectrochemistry</i> , 2004, 63, 207-215.                                                                                                                        | 4.6  | 63        |
| 25 | Hyphenated FT-IR-Attenuated Total Reflection and Electrochemical Impedance Spectroscopy Technique to Study the Water Uptake and Potential Stability of Polymeric Solid-Contact Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2011, 83, 4902-4908. | 6.5  | 60        |
| 26 | Microcavity Based Solid-Contact Ion-Selective Microelectrodes. <i>Electroanalysis</i> , 2006, 18, 1372-1378.                                                                                                                                                | 2.9  | 57        |
| 27 | Calibration-Less Sizing and Quantitation of Polymeric Nanoparticles and Viruses with Quartz Nanopipets. <i>Analytical Chemistry</i> , 2014, 86, 4688-4697.                                                                                                  | 6.5  | 56        |
| 28 | Ionophore-gold nanoparticle conjugates for Ag <sup>+</sup> -selective sensors with nanomolar detection limit. <i>Chemical Communications</i> , 2010, 46, 607-609.                                                                                           | 4.1  | 55        |
| 29 | Microelectrospotting as a new method for electrosynthesis of surface-imprinted polymer microarrays for protein recognition. <i>Biosensors and Bioelectronics</i> , 2015, 73, 123-129.                                                                       | 10.1 | 53        |
| 30 | MIPs and Aptamers for Recognition of Proteins in Biomimetic Sensing. <i>Biosensors</i> , 2016, 6, 35.                                                                                                                                                       | 4.7  | 53        |
| 31 | Electrochemical sensing with nanopores: A mini review. <i>Electrochemistry Communications</i> , 2014, 43, 55-59.                                                                                                                                            | 4.7  | 51        |
| 32 | Vectorially Imprinted Hybrid Nanofilm for Acetylcholinesterase Recognition. <i>Advanced Functional Materials</i> , 2015, 25, 5178-5183.                                                                                                                     | 14.9 | 51        |
| 33 | Potential Reproducibility of Potassium-Selective Electrodes Having Perfluorinated Alkanoate Side Chain Functionalized Poly(3,4-ethylenedioxythiophene) as a Hydrophobic Solid Contact. <i>Analytical Chemistry</i> , 2019, 91, 9111-9118.                   | 6.5  | 51        |
| 34 | Biorecognition-modulated ion fluxes through functionalized gold nanotubules as a novel label-free biosensing approach. <i>Chemical Communications</i> , 2003, , 2560-2561.                                                                                  | 4.1  | 50        |
| 35 | Selection and versatile application of virus-specific aptamers. <i>FASEB Journal</i> , 2010, 24, 4187-4195.                                                                                                                                                 | 0.5  | 49        |
| 36 | Is less more? Lessons from aptamer selection strategies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 101, 58-65.                                                                                                                       | 2.8  | 48        |

| #  | ARTICLE                                                                                                                                                                                  | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | A method based on light scattering to estimate the concentration of virus particles without the need for virus particle standards. <i>MethodsX</i> , 2015, 2, 91-99.                     | 1.6  | 46        |
| 38 | Aptasensors for viral diagnostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 74, 58-67.                                                                                       | 11.4 | 45        |
| 39 | Spectroscopic Method for the Determination of the Ionic Site Concentration in Solvent Polymeric Membranes and Membrane Plasticizers. <i>Analytical Chemistry</i> , 2002, 74, 4060-4068.  | 6.5  | 44        |
| 40 | Electrochemical methods for the determination of the diffusion coefficient of ionophores and ionophore-ion complexes in plasticized PVC membranes. <i>Analyst, The</i> , 2008, 133, 635. | 3.5  | 44        |
| 41 | Ion-Selective Electrodes Based on Hydrophilic Ionophore-Modified Nanopores. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4752-4755.                                      | 13.8 | 41        |
| 42 | Influence of Incorporated Lipophilic Particles on Ion Fluxes Through Polymeric Ion-Selective Membranes. <i>Electroanalysis</i> , 2003, 15, 375-382.                                      | 2.9  | 40        |
| 43 | The Water Uptake of Plasticized Poly(vinyl chloride) Solid-Contact Calcium-Selective Electrodes. <i>Electroanalysis</i> , 2011, 23, 2156-2163.                                           | 2.9  | 40        |
| 44 | Electrochemical Detection of miRNAs. <i>Electroanalysis</i> , 2014, 26, 1224-1235.                                                                                                       | 2.9  | 40        |
| 45 | Electropolymerized hydrophobic polyazulene as solid-contacts in potassium-selective electrodes. <i>Analyst, The</i> , 2016, 141, 2990-2997.                                              | 3.5  | 40        |
| 46 | Towards Protein Assays on Paper Platforms with Potentiometric Detection. <i>Electroanalysis</i> , 2012, 24, 146-152.                                                                     | 2.9  | 39        |
| 47 | A Chronoamperometric Method To Estimate Changes in the Membrane Composition of Ion-Selective Membranes. <i>Analytical Chemistry</i> , 2001, 73, 4599-4606.                               | 6.5  | 38        |
| 48 | Synthesis and characterization of covalently immobilized bis-crown ether based potassium ionophore. <i>Analyst, The</i> , 2005, 130, 63-70.                                              | 3.5  | 38        |
| 49 | Electrosynthesized MIPs for transferrin: Plastibodies or nano-filters?. <i>Biosensors and Bioelectronics</i> , 2018, 105, 29-35.                                                         | 10.1 | 38        |
| 50 | Spectroelectrochemical Microscopy: Spatially Resolved Spectroelectrochemistry of Carrier-Based Ion-Selective Membranes. <i>Analytical Chemistry</i> , 2005, 77, 2132-2139.               | 6.5  | 36        |
| 51 | Properties of mixed alkanethiol-dendrimer layers and their applications in biosensing. <i>Bioelectrochemistry</i> , 2004, 63, 285-289.                                                   | 4.6  | 35        |
| 52 | Ion-Selective Electrodes with 3D Nanostructured Conducting Polymer Solid Contact. <i>Electroanalysis</i> , 2016, 28, 778-786.                                                            | 2.9  | 35        |
| 53 | Aptamers for respiratory syncytial virus detection. <i>Scientific Reports</i> , 2017, 7, 42794.                                                                                          | 3.3  | 34        |
| 54 | Limitations of Current Polarization for Lowering the Detection Limit of Potentiometric Polymeric Membrane Sensors. <i>Analytical Chemistry</i> , 2009, 81, 3592-3599.                    | 6.5  | 32        |

| #  | ARTICLE                                                                                                                                                                                                                                                        | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Influence of Poly(3- $\epsilon$ -octylthiophene) on the Water Transport Through Methacrylic-Acrylic Based Polymer Membranes. <i>Electroanalysis</i> , 2011, 23, 1769-1772.                                                                                     | 2.9 | 32        |
| 56 | Development and study of an amperometric biosensor for the in vitro measurement of low concentration of putrescine in blood. <i>Journal of Proteomics</i> , 2002, 53, 165-175.                                                                                 | 2.4 | 31        |
| 57 | Potentiometric enzyme immunoassay using miniaturized anion-selective electrodes for detection. <i>Analyst</i> , 2009, 134, 1601.                                                                                                                               | 3.5 | 31        |
| 58 | Mathematical Model of Current-Polarized Ionophore-Based Ion-Selective Membranes: Large Current Chronopotentiometry. <i>Electroanalysis</i> , 2008, 20, 259-269.                                                                                                | 2.9 | 30        |
| 59 | How To Assess the Limits of Ion-Selective Electrodes: A Method for the Determination of the Ultimate Span, Response Range, and Selectivity Coefficients of Neutral Carrier-Based Cation Selective Electrodes. <i>Analytical Chemistry</i> , 2006, 78, 942-950. | 6.5 | 28        |
| 60 | Lipophilic Multi-walled Carbon Nanotube-based Solid Contact Potassium Ion-selective Electrodes with Reproducible Standard Potentials. A Comparative Study. <i>Electroanalysis</i> , 2020, 32, 867-873.                                                         | 2.9 | 28        |
| 61 | Peptide epitope-imprinted polymer microarrays for selective protein recognition. Application for SARS-CoV-2 RBD protein. <i>Chemical Science</i> , 2022, 13, 1263-1269.                                                                                        | 7.4 | 28        |
| 62 | Electrochemical template synthesis of protein-imprinted magnetic polymer microrods. <i>Journal of Materials Science</i> , 2013, 48, 5209-5218.                                                                                                                 | 3.7 | 27        |
| 63 | Aptamers against Immunoglobulins: Design, Selection and Bioanalytical Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5748.                                                                                                       | 4.1 | 25        |
| 64 | Synthesis and characterization of inherently conducting polymers by using Scanning Electrochemical Microscopy and Electrochemical Quartz Crystal Microbalance. <i>Synthetic Metals</i> , 2005, 152, 133-136.                                                   | 3.9 | 24        |
| 65 | Chronopotentiometric method for the assessment of ionophore diffusion coefficients in solvent polymeric membranes. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 171-179.                                                                         | 2.5 | 24        |
| 66 | Selective counting and sizing of single virus particles using fluorescent aptamer-based nanoparticle tracking analysis. <i>Nanoscale</i> , 2018, 10, 13942-13948.                                                                                              | 5.6 | 24        |
| 67 | Nanosensors lost in space. A random walk study of single molecule detection with single-nanopore sensors. <i>Analytica Chimica Acta</i> , 2012, 722, 119-126.                                                                                                  | 5.4 | 23        |
| 68 | Nernst-Planck/Poisson model for the potential response of permselective gold nanopores. <i>Electrochimica Acta</i> , 2012, 73, 70-77.                                                                                                                          | 5.2 | 23        |
| 69 | A glance into the bulk of solvent polymeric pH membranes. <i>Pure and Applied Chemistry</i> , 2001, 73, 17-22.                                                                                                                                                 | 1.9 | 20        |
| 70 | Potentiometric sensing of nucleic acids using chemically modified nanopores. <i>Nanoscale</i> , 2017, 9, 739-747.                                                                                                                                              | 5.6 | 20        |
| 71 | Finding the Optimal Surface Density of Aptamer Monolayers by SPR Imaging Detection-based Aptamer Microarrays. <i>Electroanalysis</i> , 2020, 32, 851-858.                                                                                                      | 2.9 | 20        |
| 72 | Multispectral imaging of ion transport in neutral carrier-based cation-selective membranes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 792-804.                                                    | 1.5 | 19        |

| #  | ARTICLE                                                                                                                                                                                             | IF   | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Synthesis and Characterization of a Novel, Colored Lipophilic Additive for Spectral Imaging the Transport in Ionophore Based Ion-Selective Membranes. <i>Electroanalysis</i> , 2006, 18, 1396-1407. | 2.9  | 19        |
| 74 | Automatic Target Location Strategy-A Novel Approach in Scanning Electrochemical Microscopy. <i>Electroanalysis</i> , 1999, 11, 349-355.                                                             | 2.9  | 18        |
| 75 | Nanosphere Lithography as a Versatile Method to Generate Surface-Imprinted Polymer Films for Selective Protein Recognition. <i>Advanced Functional Materials</i> , 2013, 23, 4703-4709.             | 14.9 | 17        |
| 76 | Reliable microspotting methodology for peptide-nucleic acid layers with high hybridization efficiency on gold SPR imaging chips. <i>Analytical Methods</i> , 2015, 7, 6077-6082.                    | 2.7  | 17        |
| 77 | A rational approach for generating cardiac troponin I selective Spiegelmers. <i>Chemical Communications</i> , 2014, 50, 6801-6804.                                                                  | 4.1  | 16        |
| 78 | Ion-Selective Electrodes Based on Hydrophilic Ionophore-Modified Nanopores. <i>Angewandte Chemie</i> , 2018, 130, 4842-4845.                                                                        | 2.0  | 16        |
| 79 | Analytical performance characteristics of thin and thick film amperometric microcells. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 286-294.                                      | 1.5  | 15        |
| 80 | Homogeneous assay for evaluation of aptamer-protein interaction. <i>Analyst, The</i> , 2012, 137, 3929.                                                                                             | 3.5  | 14        |
| 81 | Solid-contact ion-selective electrodes based on ferrocene-functionalized multi-walled carbon nanotubes. <i>Electrochemistry Communications</i> , 2021, 123, 106903.                                 | 4.7  | 14        |
| 82 | Assessment of Ion-Complex Diffusion Coefficients in Solvent Polymeric Membranes. <i>Electroanalysis</i> , 2009, 21, 1923-1930.                                                                      | 2.9  | 13        |
| 83 | Interpretation of chronopotentiometric transients of ion-selective membranes with two transition times. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 254-261.                         | 3.8  | 13        |
| 84 | "Out of Pocket" Protein Binding-A Dilemma of Epitope Imprinted Polymers Revealed for Human Hemoglobin. <i>Chemosensors</i> , 2021, 9, 128.                                                          | 3.6  | 13        |
| 85 | Investigation of Styrene-Methacrylic Acid Block Copolymer Micelle Doped Polypyrrole Films by Scanning Electrochemical Microscopy. <i>Journal of Physical Chemistry B</i> , 1998, 102, 9934-9939.    | 2.6  | 11        |
| 86 | Screen-printed amperometric microcell for proline iminopeptidase enzyme activity assay. <i>Biosensors and Bioelectronics</i> , 2000, 15, 265-272.                                                   | 10.1 | 11        |
| 87 | Insights in electrosynthesis, target binding, and stability of peptide-imprinted polymer nanofilms. <i>Electrochimica Acta</i> , 2021, 381, 138236.                                                 | 5.2  | 11        |
| 88 | Simple, Single Step Potential Difference Measurement for the Determination of the Ultimate Detection Limit of Ion Selective Electrodes. <i>Electroanalysis</i> , 2006, 18, 1245-1253.               | 2.9  | 9         |
| 89 | 3D-printed manifold integrating solid contact ion-selective electrodes for multiplexed ion concentration measurements in urine. <i>Talanta</i> , 2021, 232, 122491.                                 | 5.5  | 9         |
| 90 | TEMPO-Functionalized Carbon Nanotubes for Solid-Contact Ion-Selective Electrodes with Largely Improved Potential Reproducibility and Stability. <i>Analytical Chemistry</i> , 2022, 94, 8249-8257.  | 6.5  | 9         |

| #   | ARTICLE                                                                                                                                                                                                     | IF   | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91  | Bioelectrosynthesis of Vectorially Imprinted Polymer Nanofilms for Cytochrome P450cam. <i>ChemElectroChem</i> , 2019, 6, 1818-1823.                                                                         | 3.4  | 8         |
| 92  | Multiplexed assessment of the surface density of DNA probes on DNA microarrays by surface plasmon resonance imaging. <i>Analytica Chimica Acta</i> , 2019, 1047, 131-138.                                   | 5.4  | 8         |
| 93  | In situ silver nanoparticle coating of virions for quantification at single virus level. <i>Nanoscale</i> , 2022, 14, 2296-2303.                                                                            | 5.6  | 8         |
| 94  | Microfabricated Amperometric Cells for Multicomponent Analysis. <i>Electroanalysis</i> , 2009, 21, 1944-1954.                                                                                               | 2.9  | 7         |
| 95  | Nanoparticle displacement assay with electrochemical nanopore-based sensors. <i>Electrochemistry Communications</i> , 2016, 71, 13-17.                                                                      | 4.7  | 7         |
| 96  | Multivalent foldamer-based affinity assay for selective recognition of Al <sup>2+</sup> oligomers. <i>Analytica Chimica Acta</i> , 2017, 960, 131-137.                                                      | 5.4  | 7         |
| 97  | Enhanced electron transfer in composite films of reduced graphene oxide and poly(N-methylaniline). <i>Carbon</i> , 2013, 63, 588-592.                                                                       | 10.3 | 6         |
| 98  | Effects of the Focused Ion Beam Parameters on Nanopore Milling in Solid State Membranes. <i>Procedia Engineering</i> , 2012, 47, 684-687.                                                                   | 1.2  | 5         |
| 99  | Nanopipet-Based Resistive Pulse Sensing to Follow Alterations in the Size and Concentration of Nanoparticles During Membrane Filtration. <i>Electroanalysis</i> , 2015, 27, 595-601.                        | 2.9  | 5         |
| 100 | Spiegelmer-Based Sandwich Assay for Cardiac Troponin I Detection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4963.                                                                      | 4.1  | 5         |
| 101 | Multiplexed redox gating measurements with a microelectrospotter. Towards electrochemical readout of molecularly imprinted polymer microarrays. <i>Electrochemistry Communications</i> , 2020, 119, 106812. | 4.7  | 5         |
| 102 | Tailored Transport Through Ion-Selective Membranes for Improved Detection Limits and Selectivity Coefficients. <i>Electroanalysis</i> , 1999, 11, 695-702.                                                  | 2.9  | 4         |
| 103 | Study of the determination of acetylcholine after enzymatic hydrolysis by triangle programmed coulometric flow titration. <i>Talanta</i> , 1998, 47, 1021-1031.                                             | 5.5  | 3         |
| 104 | Integrated Microfluidic Environment for Solid-state Nanopore Sensors. <i>Procedia Engineering</i> , 2012, 47, 13-16.                                                                                        | 1.2  | 3         |
| 105 | Spiegelmers as potential receptors for cTnI diagnostics. <i>Analytical Methods</i> , 2017, 9, 5091-5093.                                                                                                    | 2.7  | 2         |
| 106 | Resistive Pulse Sensing as a High-Resolution Nanoparticle Sizing Method: A Comparative Study. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800543.                                    | 2.3  | 1         |
| 107 | Thin- and thick-film structures for miniature biomedical sensors. , 0, , .                                                                                                                                  |      | 0         |
| 108 | International Conference on Electrochemical Sensors Mtrafred 2008. <i>Electroanalysis</i> , 2009, 21, 1883-1886.                                                                                          | 2.9  | 0         |

| #   | ARTICLE                                                                                                                                                                                          | IF   | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | Characterisation of Solid-State Gold Nanopores Applicable for Biochemical Sensing. <i>Procedia Engineering</i> , 2011, 25, 904-907.                                                              | 1.2  | 0         |
| 110 | Mtrafred 11, International Conference on Electrochemical Sensors. <i>Electroanalysis</i> , 2012, 24, 11-12.                                                                                   | 2.9  | 0         |
| 111 | Fluidically and electrically integrated solid state nanopore arrays for biochemical sensing. , 2014, , .                                                                                         |      | 0         |
| 112 | Biomimetic Sensors: Vectorially Imprinted Hybrid Nanofilm for Acetylcholinesterase Recognition ( <i>Adv. Funct. Mater.</i> 32/2015). <i>Advanced Functional Materials</i> , 2015, 25, 5078-5078. | 14.9 | 0         |
| 113 | Membrane-Based Chemical Sensors and Biosensors. , 0, , 3999-4020.                                                                                                                                |      | 0         |