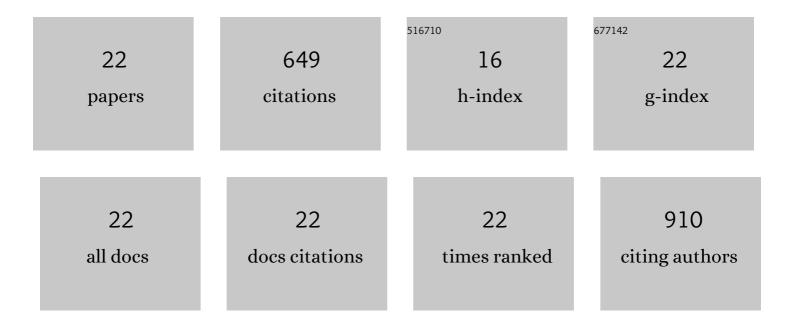
Angéline Van der Heyden

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Negative SPR Signals during Low Molecular Weight Analyte Recognition. Analytical Chemistry, 2021, 93, 4134-4140. | 6.5 | 16 |
| 2 | Recent progress in the design of G-quadruplex–based electrochemical aptasensors. Current Opinion in Electrochemistry, 2021, 30, 100812. | 4.8 | 7 |
| 3 | Direct Detection of Low-Molecular-Weight Compounds in 2D and 3D Aptasensors by Biolayer Interferometry. ACS Sensors, 2020, 5, 2326-2330. | 7.8 | 19 |
| 4 | Influence of Aptamer Surface Coverage on Small Target Recognition: A SPR and QCM-D Comparative Study. Journal of Physical Chemistry C, 2019, 123, 13561-13568. | 3.1 | 25 |
| 5 | Influence of the SPR Experimental Conditions on the G-Quadruplex DNA Recognition by Porphyrin Derivatives. Langmuir, 2018, 34, 13057-13064. | 3.5 | 11 |
| 6 | Impact of Conformational Transitions on SPR Signals—Theoretical Treatment and Application in Small Analytes/Aptamer Recognition. Journal of Physical Chemistry C, 2018, 122, 21521-21530. | 3.1 | 12 |
| 7 | Sensor Based on Aptamer Folding to Detect Low-Molecular Weight Analytes. Analytical Chemistry, 2015, 87, 7566-7574. | 6.5 | 47 |
| 8 | Interaction of Polycationic Ni(II)-Salophen Complexes with G-Quadruplex DNA. Inorganic Chemistry, 2014, 53, 12519-12531. | 4.0 | 44 |
| 9 | Amphipol mediated surface immobilization of FhuA: a platform for label-free detection of the bacteriophage protein pb5. Chemical Communications, 2012, 48, 6037. | 4.1 | 20 |
| 10 | Tethered Bilayer Lipid Membranes on Mixed Self-Assembled Monolayers of a Novel Anchoring Thiol: Impact of the Anchoring Thiol Density on Bilayer Formation. Langmuir, 2011, 27, 14317-14328. | 3.5 | 31 |
| 11 | Templateâ€Assembled Synthetic Câ€Quadruplex (TASQ): A Useful System for Investigating the Interactions of Ligands with Constrained Quadruplex Topologies. Chemistry - A European Journal, 2010, 16, 6106-6114. | 3.3 | 57 |
| 12 | Electrochemically Controlled Adsorption of Fc-Functionalized Polymers on β-CD-Modified Self-Assembled Monolayers. Langmuir, 2010, 26, 13976-13986. | 3.5 | 40 |
| 13 | The Flexible Motif V of Epstein-Barr Virus Deoxyuridine 5â€2-Triphosphate Pyrophosphatase Is Essential for Catalysis. Journal of Biological Chemistry, 2009, 284, 25280-25289. | 3.4 | 27 |
| 14 | A Novel Conformationally Constrained Parallel G Quadruplex. ChemBioChem, 2008, 9, 2588-2591. | 2.6 | 45 |
| 15 | Promotion of sugar–lectin recognition through the multiple sugar presentation offered by regioselectively addressable functionalized templates (RAFT): a QCM-D and SPR study. Organic and Biomolecular Chemistry, 2008, 6, 1114. | 2.8 | 47 |
| 16 | Randomized Combinatorial Library of Heteroglycoclusters (hGC). ACS Combinatorial Science, 2008, 10, 368-371. | 3.3 | 25 |
| 17 | Multilayer films based on host–guest interactions between biocompatible polymers. Chemical Communications, 2006, , 3220-3222. | 4.1 | 55 |
| 18 | Analytical Investigation of the Interactions between SC3 Hydrophobin and Lipid Layers:Â Elaborating of Nanostructured Matrixes for Immobilizing Redox Systems. Analytical Chemistry, 2006, 78, 4850-4864. | 6.5 | 29 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Formation of Langmuir Layers and Surface Modification Using New Upper-Rim Fully Tethered Bipyridinyl or Bithiazolyl Cyclodextrins and Their Fluorescent Metal Complexes. Langmuir, 2004, 20, 5338-5346. | 3.5 | 9 |
| 20 | Interfacial Approach to Aluminum Toxicity:Â Interactions of Al(III) and Pr(III) with Model Phospholipid Bilayer and Monolayer Membranes. Langmuir, 2003, 19, 8697-8708. | 3.5 | 15 |
| 21 | Probing Inter- and Intramolecular Interactions of Six New p-tert-Butylcalix[4]arene-Based Bipyridyl Podands with Langmuir Monolayers. Langmuir, 2002, 18, 8854-8861. | 3.5 | 23 |
| 22 | Modification of Electrodes with Self-Assembled Hydrophobin Layers. Journal of Physical Chemistry B, 2001, 105, 9772-9777. | 2.6 | 45 |