

AngÃ©line Van der Heyden

List of Publications by Year in descending order

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22
papers

649
citations

516710

16
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Template-Assembled Synthetic G-Quadruplex (TASQ): A Useful System for Investigating the Interactions of Ligands with Constrained Quadruplex Topologies. <i>Chemistry - A European Journal</i> , 2010, 16, 6106-6114.	3.3	57
2	Multilayer films based on host-guest interactions between biocompatible polymers. <i>Chemical Communications</i> , 2006, , 3220-3222.	4.1	55
3	Promotion of sugar-lectin recognition through the multiple sugar presentation offered by regioselectively addressable functionalized templates (RAFT): a QCM-D and SPR study. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1114.	2.8	47
4	Sensor Based on Aptamer Folding to Detect Low-Molecular Weight Analytes. <i>Analytical Chemistry</i> , 2015, 87, 7566-7574.	6.5	47
5	Modification of Electrodes with Self-Assembled Hydrophobin Layers. <i>Journal of Physical Chemistry B</i> , 2001, 105, 9772-9777.	2.6	45
6	A Novel Conformationally Constrained Parallel G Quadruplex. <i>ChemBioChem</i> , 2008, 9, 2588-2591.	2.6	45
7	Interaction of Polycationic Ni(II)-Salophen Complexes with G-Quadruplex DNA. <i>Inorganic Chemistry</i> , 2014, 53, 12519-12531.	4.0	44
8	Electrochemically Controlled Adsorption of Fc-Functionalized Polymers on β -CD-Modified Self-Assembled Monolayers. <i>Langmuir</i> , 2010, 26, 13976-13986.	3.5	40
9	Tethered Bilayer Lipid Membranes on Mixed Self-Assembled Monolayers of a Novel Anchoring Thiol: Impact of the Anchoring Thiol Density on Bilayer Formation. <i>Langmuir</i> , 2011, 27, 14317-14328.	3.5	31
10	Analytical Investigation of the Interactions between SC3 Hydrophobin and Lipid Layers: Elaborating of Nanostructured Matrixes for Immobilizing Redox Systems. <i>Analytical Chemistry</i> , 2006, 78, 4850-4864.	6.5	29
11	The Flexible Motif V of Epstein-Barr Virus Deoxyuridine 5'-Triphosphate Pyrophosphatase Is Essential for Catalysis. <i>Journal of Biological Chemistry</i> , 2009, 284, 25280-25289.	3.4	27
12	Randomized Combinatorial Library of Heteroglycoclusters (hGC). <i>ACS Combinatorial Science</i> , 2008, 10, 368-371.	3.3	25
13	Influence of Aptamer Surface Coverage on Small Target Recognition: A SPR and QCM-D Comparative Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13561-13568.	3.1	25
14	Probing Inter- and Intramolecular Interactions of Six New p-tert-Butylcalix[4]arene-Based Bipyridyl Podands with Langmuir Monolayers. <i>Langmuir</i> , 2002, 18, 8854-8861.	3.5	23
15	Amphipol mediated surface immobilization of FhuA: a platform for label-free detection of the bacteriophage protein pb5. <i>Chemical Communications</i> , 2012, 48, 6037.	4.1	20
16	Direct Detection of Low-Molecular-Weight Compounds in 2D and 3D Aptasensors by Biolayer Interferometry. <i>ACS Sensors</i> , 2020, 5, 2326-2330.	7.8	19
17	Negative SPR Signals during Low Molecular Weight Analyte Recognition. <i>Analytical Chemistry</i> , 2021, 93, 4134-4140.	6.5	16
18	Interfacial Approach to Aluminum Toxicity: Interactions of Al(III) and Pr(III) with Model Phospholipid Bilayer and Monolayer Membranes. <i>Langmuir</i> , 2003, 19, 8697-8708.	3.5	15

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19	Impact of Conformational Transitions on SPR Signalsâ€”Theoretical Treatment and Application in Small Analytes/Aptamer Recognition. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21521-21530.	3.1	12
20	Influence of the SPR Experimental Conditions on the G-Quadruplex DNA Recognition by Porphyrin Derivatives. <i>Langmuir</i> , 2018, 34, 13057-13064.	3.5	11
21	Formation of Langmuir Layers and Surface Modification Using New Upper-Rim Fully Tethered Bipyridinyl or Bithiazolyl Cyclodextrins and Their Fluorescent Metal Complexes. <i>Langmuir</i> , 2004, 20, 5338-5346.	3.5	9
22	Recent progress in the design of G-quadruplexâ€”based electrochemical aptasensors. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100812.	4.8	7