

# Gilbert Nãçll

## List of Publications by Year in descending order

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29  
papers

1,230  
citations

623734

14  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroelectrochemical study revealing the redox potential of human monoamine oxidase A. <i>Electrochimica Acta</i> , 2019, 317, 612-617.	5.2	2
2	Evaluation of dsDNA as a wire for redox-active proteins. <i>Current Opinion in Electrochemistry</i> , 2019, 14, 143-150.	4.8	2
3	Spectroelectrochemical Investigation of Cholesterol Oxidase from <i>Streptomyces lividans</i> at Different pH Values. <i>ChemElectroChem</i> , 2019, 6, 2174-2181.	3.4	3
4	Flavin Storage and Sequestration by <i>Mycobacterium tuberculosis</i> Dodecin. <i>ACS Infectious Diseases</i> , 2018, 4, 1082-1092.	3.8	12
5	Rapid determination of binding parameters of chitin binding domains using chitin-coated quartz crystal microbalance sensor chips. <i>Analyst</i> , 2018, 143, 5255-5263.	3.5	6
6	Ordered NMR Spectroscopy of Guest Molecules in DNA Hydrogels and Related Matrices. <i>ChemistrySelect</i> , 2018, 3, 10287-10297.	1.5	2
7	Langmuir Analysis of the Binding Affinity and Kinetics for Surface Tethered Duplex DNA and a Ligand-Apoprotein Complex. <i>Langmuir</i> , 2018, 34, 14738-14748.	3.5	10
8	Reversible assembly of protein-DNA nanostructures triggered by mediated electron transfer. <i>Electrochimica Acta</i> , 2017, 232, 1-6.	5.2	5
9	Pristine DNA Hydrogels from Biotechnologically Derived Plasmid DNA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12004-12008.	13.8	28
10	DNA-Hydrogele aus Plasmid-DNA. <i>Angewandte Chemie</i> , 2017, 129, 12167-12171.	2.0	6
11	Influence of the Thiol Anchor on the Orientation of Surface-Grafted dsDNA Assemblies. <i>Chemistry - A European Journal</i> , 2017, 23, 696-702.	3.3	5
12	A sandwich-like strategy for the label-free detection of oligonucleotides by surface plasmon fluorescence spectroscopy (SPFS). <i>Analyst</i> , 2016, 141, 5784-5791.	3.5	7
13	Nanomechanical properties of protein-DNA layers with different oligonucleotide tethers. <i>RSC Advances</i> , 2016, 6, 56467-56474.	3.6	10
14	Thickness Dependence of Bovine Serum Albumin Adsorption on Thin Thermoresponsive Poly(diethylene) Tj ETQq0 0 0 rgBT /Overlock 10 2016, 32, 9360-9370.	3.5	25
15	Critical View on Electrochemical Impedance Spectroscopy Using the Ferri/Ferrocyanide Redox Couple at Gold Electrodes. <i>Analytical Chemistry</i> , 2016, 88, 4383-4390.	6.5	75
16	Multi-Ligand-Binding Flavoprotein Dodecin as a Key Element for Reversible Surface Modification in Nano-biotechnology. <i>ACS Nano</i> , 2015, 9, 3491-3500.	14.6	26
17	Molecular Beacon Modified Sensor Chips for Oligonucleotide Detection with Optical Readout. <i>Langmuir</i> , 2014, 30, 14360-14367.	3.5	15
18	Construction of Three-Dimensional DNA Hydrogels from Linear Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8328-8332.	13.8	48

#	ARTICLE	IF	CITATIONS
19	Determination of the pH Dependent Redox Potential of Glucose Oxidase by Spectroelectrochemistry. <i>Analytical Chemistry</i> , 2014, 86, 7530-7535.	6.5	76
20	A Reusable Sensor for the Label-Free Detection of Specific Oligonucleotides by Surface Plasmon Fluorescence Spectroscopy. <i>Advanced Healthcare Materials</i> , 2014, 3, 42-46.	7.6	14
21	The Flavoprotein Dodecin as a Redox Probe for Electron Transfer through DNA. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4950-4953.	13.8	12
22	Synthesis, Spectroscopic Properties, and Electropolymerization of Azulene Dyads. <i>Journal of Organic Chemistry</i> , 2011, 76, 4859-4873.	3.2	34
23	Strategies for "wiring" redox-active proteins to electrodes and applications in biosensors, biofuel cells, and nanotechnology. <i>Chemical Society Reviews</i> , 2011, 40, 3564.	38.1	126
24	Increasing the coulombic efficiency of glucose biofuel cell anodes by combination of redox enzymes. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1710-1716.	10.1	84
25	Blue-Light-Triggered Photorelease of Active Chemicals Captured by the Flavoprotein Dodecin. <i>ChemBioChem</i> , 2009, 10, 834-837.	2.6	16
26	Spectroscopic investigation of flavoproteins: Mechanistic differences between (electro)chemical and photochemical reduction and oxidation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 34-38.	3.9	16
27	Electrochemical switching of the flavoprotein dodecin at gold surfaces modified by flavin-DNA hybrid linkers. <i>Biointerphases</i> , 2008, 3, 51-58.	1.6	22
28	Redox Properties of LOV Domains: Chemical versus Photochemical Reduction, and Influence on the Photocycle. <i>ChemBioChem</i> , 2007, 8, 2256-2264.	2.6	25
29	The Class II/III Transition in Triarylamine Redox Systems. <i>Journal of the American Chemical Society</i> , 1999, 121, 8434-8442.	13.7	503