

Francesco Ricci

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143
papers

7,631
citations

53
h-index

84
g-index

180
ext. papers

8,717
ext. citations

9.6
avg. IF

6.33
L-index

#	Paper	IF	Citations
143	Protein-Templated Reactions Using DNA-Antibody Conjugates.. <i>Small</i> , 2022 , e2200971	11	0
142	Spontaneous Reorganization of DNA-Based Polymers in Higher Ordered Structures Fueled by RNA. <i>Journal of the American Chemical Society</i> , 2021 , 143, 20296-20301	16.4	4
141	Switching the aptamer attachment geometry can dramatically alter the signalling and performance of electrochemical aptamer-based sensors. <i>Chemical Communications</i> , 2021 , 57, 11693-11696	5.8	1
140	Reorganization of Self-Assembled DNA-Based Polymers using Orthogonally Addressable Building Blocks**. <i>Angewandte Chemie</i> , 2021 , 133, 13021-13027	3.6	0
139	Reorganization of Self-Assembled DNA-Based Polymers using Orthogonally Addressable Building Blocks*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12911-12917	16.4	5
138	Programmable, Multiplexed DNA Circuits Supporting Clinically Relevant, Electrochemical Antibody Detection. <i>ACS Sensors</i> , 2021 , 6, 2442-2448	9.2	4
137	DNA-Based Nanoswitches: Insights into Electrochemiluminescence Signal Enhancement. <i>Analytical Chemistry</i> , 2021 , 93, 10397-10402	7.8	4
136	Rational Control of the Activity of a Cu-Dependent DNAzyme by Re-engineering Purely Entropic Intrinsically Disordered Domains. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9300-9305	9.5	1
135	Dissipative operation of pH-responsive DNA-based nanodevices. <i>Chemical Science</i> , 2021 , 12, 11735-11739	9.4	11
134	Folding-upon-Repair DNA Nanoswitches for Monitoring the Activity of DNA Repair Enzymes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7283-7289	16.4	12
133	Folding-upon-Repair DNA Nanoswitches for Monitoring the Activity of DNA Repair Enzymes. <i>Angewandte Chemie</i> , 2021 , 133, 7359-7365	3.6	6
132	Single antibody detection in a DNA origami nanoantenna. <i>iScience</i> , 2021 , 24, 103072	6.1	6
131	Transient DNA-Based Nanostructures Controlled by Redox Inputs. <i>Angewandte Chemie</i> , 2020 , 132, 13340-13347	9.63347	3
130	Titelbild: Transient DNA-Based Nanostructures Controlled by Redox Inputs (Angew. Chem. 32/2020). <i>Angewandte Chemie</i> , 2020 , 132, 13225-13225	3.6	0
129	Dissecting the intracellular signalling and fate of a DNA nanosensor by super-resolution and quantitative microscopy. <i>Nanoscale</i> , 2020 , 12, 15402-15413	7.7	0
128	Transient DNA-Based Nanostructures Controlled by Redox Inputs. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13238-13245	16.4	30
127	Hybrid polymer/porous silicon nanofibers for loading and sustained release of synthetic DNA-based responsive devices. <i>Nanoscale</i> , 2020 , 12, 2333-2339	7.7	12

126	Programmable Bivalent Peptide-DNA Locks for pH-Based Control of Antibody Activity. <i>ACS Central Science</i> , 2020 , 6, 22-31	16.8	12
125	Disulfide-Linked Allosteric Modulators for Multi-cycle Kinetic Control of DNA-Based Nanodevices. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21058-21063	16.4	10
124	Disulfide-Linked Allosteric Modulators for Multi-cycle Kinetic Control of DNA-Based Nanodevices. <i>Angewandte Chemie</i> , 2020 , 132, 21244-21249	3.6	3
123	Rational design to control the trade-off between receptor affinity and cooperativity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 19136-19140	11.5	2
122	Protein-Controlled Actuation of Dynamic Nucleic Acid Networks by Using Synthetic DNA Translators**. <i>Angewandte Chemie</i> , 2020 , 132, 20758-20762	3.6	0
121	Protein-Controlled Actuation of Dynamic Nucleic Acid Networks by Using Synthetic DNA Translators*. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20577-20581	16.4	4
120	Rapid, Cost-Effective Peptide/Nucleic Acid-Based Platform for Therapeutic Antibody Monitoring in Clinical Samples. <i>ACS Sensors</i> , 2020 , 5, 3109-3115	9.2	4
119	Using antibodies to control DNA-templated chemical reactions. <i>Nature Communications</i> , 2020 , 11, 6242	17.4	6
118	Optimizing the Specificity Window of Biomolecular Receptors Using Structure-Switching and Allosterism. <i>ACS Sensors</i> , 2020 , 5, 1937-1942	9.2	6
117	Self-Sensing Enzyme-Powered Micromotors Equipped with pH-Responsive DNA Nanoswitches. <i>Nano Letters</i> , 2019 , 19, 3440-3447	11.5	80
116	Fuel-Responsive Allosteric DNA-Based Aptamers for the Transient Release of ATP and Cocaine. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5582-5586	16.4	53
115	Tumor-Targeting, MicroRNA-Silencing Porous Silicon Nanoparticles for Ovarian Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23926-23937	9.5	35
114	Printing Life-Inspired Subcellular Scale Compartments with Autonomous Molecularly Crowded Confinement. <i>Advanced Biology</i> , 2019 , 3, e1900023	3.5	10
113	R&Ktitelbild: Fuel-Responsive Allosteric DNA-Based Aptamers for the Transient Release of ATP and Cocaine (Angew. Chem. 17/2019). <i>Angewandte Chemie</i> , 2019 , 131, 5828-5828	3.6	
112	Entropy-Based Rational Modulation of the p of a Synthetic pH-Dependent Nanoswitch. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11367-11371	16.4	13
111	Fuel-Responsive Allosteric DNA-Based Aptamers for the Transient Release of ATP and Cocaine. <i>Angewandte Chemie</i> , 2019 , 131, 5638-5642	3.6	17
110	Orthogonal regulation of DNA nanostructure self-assembly and disassembly using antibodies. <i>Nature Communications</i> , 2019 , 10, 5509	17.4	24
109	DNA-Based Scaffolds for Sensing Applications. <i>Analytical Chemistry</i> , 2019 , 91, 44-59	7.8	50

108	Dissipative Synthetic DNA-Based Receptors for the Transient Loading and Release of Molecular Cargo. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10489-10493	16.4	55
107	Probing transcription factor binding activity and downstream gene silencing in living cells with a DNA nanoswitch. <i>Nanoscale</i> , 2018 , 10, 2034-2044	7.7	10
106	Programmable Nucleic Acid Nanoswitches for the Rapid, Single-Step Detection of Antibodies in Bodily Fluids. <i>Journal of the American Chemical Society</i> , 2018 , 140, 947-953	16.4	58
105	Dissipative Synthetic DNA-Based Receptors for the Transient Loading and Release of Molecular Cargo. <i>Angewandte Chemie</i> , 2018 , 130, 10649-10653	3.6	23
104	Remote Electronic Control of DNA-Based Reactions and Nanostructure Assembly. <i>Nano Letters</i> , 2018 , 18, 2918-2923	11.5	13
103	Rücktitelbild: Dissipative Synthetic DNA-Based Receptors for the Transient Loading and Release of Molecular Cargo (Angew. Chem. 33/2018). <i>Angewandte Chemie</i> , 2018 , 130, 10934-10934	3.6	
102	Antibody-Templated Assembly of an RNA Mimic of Green Fluorescent Protein. <i>Analytical Chemistry</i> , 2018 , 90, 1049-1053	7.8	18
101	DNA-Based Nanodevices Controlled by Purely Entropic Linker Domains. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14725-14734	16.4	19
100	Engineering a responsive DNA triple helix into an octahedral DNA nanostructure for a reversible opening/closing switching mechanism: a computational and experimental integrated study. <i>Nucleic Acids Research</i> , 2018 , 46, 9951-9959	20.1	12
99	Experimental Measurement of Surface Charge Effects on the Stability of a Surface-Bound Biopolymer. <i>Langmuir</i> , 2018 , 34, 14993-14999	4	12
98	Design and Characterization of pH-Triggered DNA Nanoswitches and Nanodevices Based on DNA Triplex Structures. <i>Methods in Molecular Biology</i> , 2018 , 1811, 79-100	1.4	5
97	Rapid micromotor-based naked-eye immunoassay. <i>Talanta</i> , 2017 , 167, 651-657	6.2	34
96	Selective control of reconfigurable chiral plasmonic metamolecules. <i>Science Advances</i> , 2017 , 3, e1602803	14.3	144
95	Electrochemical DNA-Based Immunoassay That Employs Steric Hindrance To Detect Small Molecules Directly in Whole Blood. <i>ACS Sensors</i> , 2017 , 2, 718-723	9.2	32
94	Antibody-powered nucleic acid release using a DNA-based nanomachine. <i>Nature Communications</i> , 2017 , 8, 15150	17.4	86
93	Triplex-DNA-Nanostrukturen: von grundlegenden Eigenschaften zu Anwendungen. <i>Angewandte Chemie</i> , 2017 , 129, 15410-15434	3.6	34
92	Triplex DNA Nanostructures: From Basic Properties to Applications. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15210-15233	16.4	177
91	Simulative and Experimental Characterization of a pH-Dependent Clamp-like DNA Triple-Helix Nanoswitch. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5321-5329	16.4	19

90	A DNA Nanodevice That Loads and Releases a Cargo with Hemoglobin-Like Allosteric Control and Cooperativity. <i>Nano Letters</i> , 2017 , 17, 3225-3230	11.5	15
89	Determining the folding and binding free energy of DNA-based nanodevices and nanoswitches using urea titration curves. <i>Nucleic Acids Research</i> , 2017 , 45, 7571-7580	20.1	15
88	Porous Silicon Nanoparticle Delivery of Tandem Peptide Anti-Infectives for the Treatment of <i>Pseudomonas aeruginosa</i> Lung Infections. <i>Advanced Materials</i> , 2017 , 29, 1701527	24	62
87	pH-Driven Reversible Self-Assembly of Micron-Scale DNA Scaffolds. <i>Nano Letters</i> , 2017 , 17, 7283-7288	11.5	44
86	Allosteric DNA nanoswitches for controlled release of a molecular cargo triggered by biological inputs. <i>Chemical Science</i> , 2017 , 8, 914-920	9.4	14
85	Using Nature's "Tricks" To Rationally Tune the Binding Properties of Biomolecular Receptors. <i>Accounts of Chemical Research</i> , 2016 , 49, 1884-92	24.3	72
84	Electronic Activation of a DNA Nanodevice Using a Multilayer Nanofilm. <i>Small</i> , 2016 , 12, 5572-5578	11	25
83	A modular clamp-like mechanism to regulate the activity of nucleic-acid target-responsive nanoswitches with external activators. <i>Nanoscale</i> , 2016 , 8, 18057-18061	7.7	23
82	Reversible Electrochemical Modulation of a Catalytic Nanosystem. <i>Angewandte Chemie</i> , 2016 , 128, 10895-10898	16.4	16
81	pH-Controlled Assembly of DNA Tiles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12735-12738	16.4	50
80	Dual-Reporter Drift Correction To Enhance the Performance of Electrochemical Aptamer-Based Sensors in Whole Blood. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15809-15812	16.4	84
79	Electrochemical biosensors based on nanomodified screen-printed electrodes: Recent applications in clinical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 79, 114-126	14.6	230
78	Electronic control of DNA-based nanoswitches and nanodevices. <i>Chemical Science</i> , 2016 , 7, 66-71	9.4	35
77	Survey of Redox-Active Moieties for Application in Multiplexed Electrochemical Biosensors. <i>Analytical Chemistry</i> , 2016 , 88, 10452-10458	7.8	45
76	Reversible Electrochemical Modulation of a Catalytic Nanosystem. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10737-40	16.4	16
75	Controlling Hybridization Chain Reactions with pH. <i>Nano Letters</i> , 2015 , 15, 5539-44	11.5	40
74	General Strategy to Introduce pH-Induced Allostery in DNA-Based Receptors to Achieve Controlled Release of Ligands. <i>Nano Letters</i> , 2015 , 15, 4467-71	11.5	77
73	A general approach to the design of allosteric, transcription factor-regulated DNAzymes. <i>Chemical Science</i> , 2015 , 6, 3692-3696	9.4	22

72	pH-responsive and switchable triplex-based DNA hydrogels. <i>Chemical Science</i> , 2015 , 6, 4190-4195	9.4	102
71	A Highly Selective Electrochemical DNA-Based Sensor That Employs Steric Hindrance Effects to Detect Proteins Directly in Whole Blood. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15596-9	16.4	123
70	Enzyme-Operated DNA-Based Nanodevices. <i>Nano Letters</i> , 2015 , 15, 8407-11	11.5	40
69	A Modular, DNA-Based Beacon for Single-Step Fluorescence Detection of Antibodies and Other Proteins. <i>Angewandte Chemie</i> , 2015 , 127, 13412-13416	3.6	20
68	A Modular, DNA-Based Beacon for Single-Step Fluorescence Detection of Antibodies and Other Proteins. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13214-8	16.4	77
67	Rational design of pH-controlled DNA strand displacement. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16469-72	16.4	85
66	A modular electrochemical peptide-based sensor for antibody detection. <i>Chemical Communications</i> , 2014 , 50, 8962-5	5.8	29
65	Intrinsic disorder as a generalizable strategy for the rational design of highly responsive, allosterically cooperative receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15048-53	11.5	56
64	Programmable pH-triggered DNA nanoswitches. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5836-9	16.4	239
63	Using the population-shift mechanism to rationally introduce "Hill-type" cooperativity into a normally non-cooperative receptor. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9471-5	16.4	31
62	Folding-upon-binding and signal-on electrochemical DNA sensor with high affinity and specificity. <i>Analytical Chemistry</i> , 2014 , 86, 9013-9	7.8	61
61	Effects of crowding on the stability of a surface-tethered biopolymer: an experimental study of folding in a highly crowded regime. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8923-7	16.4	38
60	Using the Population-Shift Mechanism to Rationally Introduce Hill-type Cooperativity into a Normally Non-Cooperative Receptor. <i>Angewandte Chemie</i> , 2014 , 126, 9625-9629	3.6	2
59	Detection of IP-10 protein marker in undiluted blood serum via an electrochemical E-DNA scaffold sensor. <i>Analyst, The</i> , 2013 , 138, 5580-3	5	20
58	Thermodynamic basis for engineering high-affinity, high-specificity binding-induced DNA clamp nanoswitches. <i>ACS Nano</i> , 2013 , 7, 10863-9	16.7	54
57	Determinants of the detection limit and specificity of surface-based biosensors. <i>Analytical Chemistry</i> , 2013 , 85, 6593-7	7.8	63
56	Allosterically tunable, DNA-based switches triggered by heavy metals. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13238-41	16.4	76
55	Probe accessibility effects on the performance of electrochemical biosensors employing DNA monolayers. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 413-21	4.4	37

54	Engineering biosensors with extended, narrowed, or arbitrarily edited dynamic range. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2876-9	16.4	112
53	Employing the metabolic "branch point effect" to generate an all-or-none, digital-like response in enzymatic outputs and enzyme-based sensors. <i>Analytical Chemistry</i> , 2012 , 84, 1076-82	7.8	38
52	Entropic and electrostatic effects on the folding free energy of a surface-attached biomolecule: an experimental and theoretical study. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2120-6	16.4	40
51	Rational design of allosteric inhibitors and activators using the population-shift model: in vitro validation and application to an artificial biosensor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15177-80	16.4	62
50	A review of experimental aspects of electrochemical immunosensors. <i>Electrochimica Acta</i> , 2012 , 84, 74-83	17	226
49	Using distal-site mutations and allosteric inhibition to tune, extend, and narrow the useful dynamic range of aptamer-based sensors. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20601-4	16.4	104
48	Bioelectrochemical switches for the quantitative detection of antibodies directly in whole blood. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15197-200	16.4	87
47	Quantification of transcription factor binding in cell extracts using an electrochemical, structure-switching biosensor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3346-8	16.4	71
46	Re-engineering Electrochemical Biosensors To Narrow or Extend Their Useful Dynamic Range. <i>Angewandte Chemie</i> , 2012 , 124, 6821-6825	3.6	1
45	Re-engineering electrochemical biosensors to narrow or extend their useful dynamic range. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6717-21	16.4	65
44	Glucomen Day continuous glucose monitoring system: a screening for enzymatic and electrochemical interferents. <i>Journal of Diabetes Science and Technology</i> , 2012 , 6, 1172-81	4.1	28
43	Transcription factor beacons for the quantitative detection of DNA binding activity. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13836-9	16.4	70
42	Current methods of analysis for the determination of trichothecene mycotoxins in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 192-203	14.6	102
41	High-precision, in vitro validation of the sequestration mechanism for generating ultrasensitive dose-response curves in regulatory networks. <i>PLoS Computational Biology</i> , 2011 , 7, e1002171	5	39
40	A comparative study of qualitative immunochemical screening assays for the combined measurement of T-2/HT-2 in cereals and cereal-based products. <i>World Mycotoxin Journal</i> , 2011 , 4, 385-394	5	8
39	Collisional Mechanism-Based E-DNA Sensors: A General Platform for Label-Free Electrochemical Detection of Hybridization and DNA Binding Proteins 2010 , 313-326		
38	Quantitative, reagentless, single-step electrochemical detection of anti-DNA antibodies directly in blood serum. <i>Chemical Communications</i> , 2010 , 46, 1742-4	5.8	28
37	Using triplex-forming oligonucleotide probes for the reagentless, electrochemical detection of double-stranded DNA. <i>Analytical Chemistry</i> , 2010 , 82, 9109-15	7.8	82

36	Development of a recombinant Fab-fragment based electrochemical immunosensor for deoxynivalenol detection in food samples. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2615-21	11.8	64
35	Surface chemistry effects on the performance of an electrochemical DNA sensor. <i>Bioelectrochemistry</i> , 2009 , 76, 208-13	5.6	73
34	Electrocatalytic oxidation of thiocholine at chemically modified cobalt hexacyanoferrate screen-printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 626, 66-74	4.1	55
33	An electrochemical sensor for the detection of protein-small molecule interactions directly in serum and other complex matrices. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6955-7	16.4	114
32	Thermodynamic basis for the optimization of binding-induced biomolecular switches and structure-switching biosensors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13802-7	11.5	121
31	A general electrochemical method for label-free screening of protein-small molecule interactions. <i>Chemical Communications</i> , 2009 , 6222-4	5.8	33
30	Reagentless, electrochemical approach for the specific detection of double- and single-stranded DNA binding proteins. <i>Analytical Chemistry</i> , 2009 , 81, 1608-14	7.8	64
29	ELIME (enzyme linked immuno magnetic electrochemical) method for mycotoxin detection. <i>Journal of Visualized Experiments</i> , 2009 ,	1.6	3
28	Direct electrochemical detection of trichothecenes in wheat samples using a 96-well electrochemical plate coupled with microwave hydrolysis. <i>World Mycotoxin Journal</i> , 2009 , 2, 239-245	2.5	16
27	Ex Vivo Continuous Glucose Monitoring With Microdialysis Technique: The Example of GlucoDay. <i>IEEE Sensors Journal</i> , 2008 , 8, 63-70	4	17
26	E-DNA sensors for convenient, label-free electrochemical detection of hybridization. <i>Mikrochimica Acta</i> , 2008 , 163, 149-155	5.8	88
25	Linear, redox modified DNA probes as electrochemical DNA sensors. <i>Chemical Communications</i> , 2007 , 3768-70	5.8	103
24	Effect of molecular crowding on the response of an electrochemical DNA sensor. <i>Langmuir</i> , 2007 , 23, 6827-34	4	266
23	A probe for NADH and H ₂ O ₂ amperometric detection at low applied potential for oxidase and dehydrogenase based biosensor applications. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 854-62	11.8	57
22	Toward continuous glucose monitoring with planar modified biosensors and microdialysis. Study of temperature, oxygen dependence and in vivo experiment. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 2032-9	11.8	38
21	Fast, sensitive and cost-effective detection of nerve agents in the gas phase using a portable instrument and an electrochemical biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1049-57	4.4	79
20	A review on novel developments and applications of immunosensors in food analysis. <i>Analytica Chimica Acta</i> , 2007 , 605, 111-29	6.6	270
19	Rapid Screening Electrochemical Methods for Aflatoxin B1 and Type-A Trichothecenes: A Preliminary Study. <i>Analytical Letters</i> , 2007 , 40, 1333-1346	2.2	21

18	Procedure 17 Preparation of Prussian blue-modified screen-printed electrodes via a chemical deposition for mass production of stable hydrogen peroxide sensors. <i>Comprehensive Analytical Chemistry</i> , 2007 , e119-e124	1.9	
17	Chapter 24 Mediated enzyme screen-printed electrode probes for clinical, environmental and food analysis. <i>Comprehensive Analytical Chemistry</i> , 2007 , 49, 559-584	1.9	3
16	Glutathione amperometric detection based on a thiol-disulfide exchange reaction. <i>Analytica Chimica Acta</i> , 2006 , 558, 164-170	6.6	39
15	Detection of carbamic and organophosphorous pesticides in water samples using a cholinesterase biosensor based on Prussian Blue-modified screen-printed electrode. <i>Analytica Chimica Acta</i> , 2006 , 580, 155-62	6.6	206
14	Novel planar glucose biosensors for continuous monitoring use. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 1993-2000	11.8	59
13	A novel continuous subcutaneous lactate monitoring system. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 2244-50	11.8	39
12	Sensor and biosensor preparation, optimisation and applications of Prussian Blue modified electrodes. <i>Biosensors and Bioelectronics</i> , 2005 , 21, 389-407	11.8	619
11	Acetylcholinesterase sensor based on screen-printed carbon electrode modified with prussian blue. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 383, 597-604	4.4	98
10	Report on the 8th International Symposium on Kinetics in Analytical Chemistry Rome, Italy, July 8-10, 2004. <i>Analytical Letters</i> , 2005 , 38, 195-201	2.2	
9	Extraction and Detection of Pesticides by Cholinesterase Inhibition in a Two-Phase System: a Strategy to Avoid Heavy Metal Interference. <i>Analytical Letters</i> , 2005 , 38, 1703-1719	2.2	36
8	Report on the 3rd Workshop of the European Union Concerted Action Evaluation/Validation of Novel Biosensors in Real Environmental and Food Samples, Mallorca (Balearic Island), Spain, November 28, 2003. <i>Analytical Letters</i> , 2004 , 37, 1259-1267	2.2	
7	Characterisation of Prussian blue modified screen-printed electrodes for thiol detection. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 563, 229-237	4.1	96
6	Prussian Blue Modified Carbon Nanotube Paste Electrodes: A Comparative Study and a Biochemical Application. <i>Analytical Letters</i> , 2003 , 36, 1921-1938	2.2	27
5	Cholinesterase sensors based on screen-printed electrodes for detection of organophosphorus and carbamic pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 624-31	4.4	58
4	Investigation of the Effect of Different Glassy Carbon Materials on the Performance of Prussian Blue Based Sensors for Hydrogen Peroxide. <i>Electroanalysis</i> , 2003 , 15, 175-182	3	24
3	Electroanalytical Study of Prussian Blue Modified Glassy Carbon Paste Electrodes. <i>Electroanalysis</i> , 2003 , 15, 1204-1211	3	54
2	Prussian Blue and enzyme bulk-modified screen-printed electrodes for hydrogen peroxide and glucose determination with improved storage and operational stability. <i>Analytica Chimica Acta</i> , 2003 , 485, 111-120	6.6	112
1	Prussian Blue based screen printed biosensors with improved characteristics of long-term lifetime and pH stability. <i>Biosensors and Bioelectronics</i> , 2003 , 18, 165-74	11.8	289

