

Adam T Woolley

List of Publications by Year in descending order

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147
papers

11,548
citations

38742

50
h-index

28297

105
g-index

149
all docs

149
docs citations

149
times ranked

9584
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancements in sensor technology with innovative and significant research publications: how to write that perfect paper?. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 21-24.	3.7	1
2	3D-printed microchip electrophoresis device containing spiral electrodes for integrated capacitively coupled contactless conductivity detection. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 545-550.	3.7	17
3	Advances in multiplex electrical and optical detection of biomarkers using microfluidic devices. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 167-180.	3.7	29
4	Immunoaffinity monoliths for multiplexed extraction of preterm birth biomarkers from human blood serum in 3D printed microfluidic devices. <i>Analyst</i> , 2022, 147, 734-743.	3.5	13
5	3D printed microfluidic device for automated, pressure-driven, valve-injected microchip electrophoresis of preterm birth biomarkers. <i>Mikrochimica Acta</i> , 2022, 189, 204.	5.0	14
6	High-Resolution 3D Printing Fabrication of a Microfluidic Platform for Blood Plasma Separation. <i>Polymers</i> , 2022, 14, 2537.	4.5	10
7	Rapid and simple pressure-sensitive adhesive microdevice fabrication for sequence-specific capture and fluorescence detection of sepsis-related bacterial plasmid gene sequences. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1017-1025.	3.7	3
8	Bottom-Up Fabrication of DNA-Templated Electronic Nanomaterials and Their Characterization. <i>Nanomaterials</i> , 2021, 11, 1655.	4.1	14
9	Annealing of Polymer-Encased Nanorods on DNA Origami Forming Metal-Semiconductor Nanowires: Implications for Nanoelectronics. <i>ACS Applied Nano Materials</i> , 2021, 4, 9094-9103.	5.0	6
10	Multilabel hybridization probes for sequence-specific detection of sepsis-related drug resistance genes in plasmids. <i>Talanta Open</i> , 2021, 3, 100034.	3.7	2
11	Spatially and optically tailored 3D printing for highly miniaturized and integrated microfluidics. <i>Nature Communications</i> , 2021, 12, 5509.	12.8	70
12	Microfluidics: Innovations in Materials and Their Fabrication and Functionalization. <i>Analytical Chemistry</i> , 2020, 92, 150-168.	6.5	158
13	3D Printed Microfluidics. <i>Annual Review of Analytical Chemistry</i> , 2020, 13, 45-65.	5.4	212
14	Seeding, Plating and Electrical Characterization of Gold Nanowires Formed on Self-Assembled DNA Nanotubes. <i>Molecules</i> , 2020, 25, 4817.	3.8	6
15	3D Printed Microfluidic Devices for Solid-Phase Extraction and On-Chip Fluorescent Labeling of Preterm Birth Risk Biomarkers. <i>Analytical Chemistry</i> , 2020, 92, 12322-12329.	6.5	30
16	Impact of Polymer-Constrained Annealing on the Properties of DNA Origami-Templated Gold Nanowires. <i>Langmuir</i> , 2020, 36, 6661-6667.	3.5	9
17	20/20 foresight for 2020?. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4209-4209.	3.7	0
18	DNA origami mediated electrically connected metal-semiconductor junctions. <i>Nano Research</i> , 2020, 13, 1419-1426.	10.4	26

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19	Analysis of thrombin-antithrombin complex formation using microchip electrophoresis and mass spectrometry. <i>Electrophoresis</i> , 2019, 40, 2853-2859.	2.4	10
20	Analytical and Bioanalytical Chemistry, and the International Year of the Periodic Table. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6519-6520.	3.7	1
21	3D printed selectable dilution mixer pumps. <i>Biomicrofluidics</i> , 2019, 13, 014106.	2.4	31
22	Introducing three new ABC Editors. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2471-2473.	3.7	1
23	3D Printed Microfluidic Devices for Microchip Electrophoresis of Preterm Birth Biomarkers. <i>Analytical Chemistry</i> , 2019, 91, 7418-7425.	6.5	60
24	Device Fabrication and Fluorescent Labeling of Preterm Birth Biomarkers for Microchip Electrophoresis. <i>Methods in Molecular Biology</i> , 2019, 1972, 175-184.	0.9	0
25	3D printed microfluidic devices with immunoaffinity monoliths for extraction of preterm birth biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5405-5413.	3.7	48
26	3D printing for lab-on-a-chip devices with 20 μ m channels. , 2019, , .		2
27	Microchip electrophoresis separation of a panel of preterm birth biomarkers. <i>Electrophoresis</i> , 2018, 39, 2300-2307.	2.4	13
28	3D printed high density, reversible, chip-to-chip microfluidic interconnects. <i>Lab on A Chip</i> , 2018, 18, 639-647.	6.0	59
29	Effective response to peer review. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2863-2864.	3.7	0
30	Electrokinetically operated microfluidic devices for integrated immunoaffinity monolith extraction and electrophoretic separation of preterm birth biomarkers. <i>Analyst</i> , The, 2018, 143, 224-231.	3.5	31
31	Automated microfluidic devices integrating solid-phase extraction, fluorescent labeling, and microchip electrophoresis for preterm birth biomarker analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 933-941.	3.7	43
32	Be unafraid \hat{a} to try something new or challenging. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6973-6974.	3.7	0
33	Four-Point Probe Electrical Measurements on Templated Gold Nanowires Formed on Single DNA Origami Tiles. <i>Langmuir</i> , 2018, 34, 15069-15077.	3.5	31
34	Sequence-specific sepsis-related DNA capture and fluorescent labeling in monoliths prepared by single-step photopolymerization in microfluidic devices. <i>Journal of Chromatography A</i> , 2018, 1562, 12-18.	3.7	19
35	3D Printed Microfluidic Features Using Dose Control in X, Y, and Z Dimensions. <i>Micromachines</i> , 2018, 9, 326.	2.9	38
36	Anisotropic Electroless Deposition on DNA Origami Templates To Form Small Diameter Conductive Nanowires. <i>Langmuir</i> , 2017, 33, 726-735.	3.5	39

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37	Moving from millifluidic to truly microfluidic sub-100- μm cross-section 3D printed devices. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4311-4319.	3.7	101
38	Integrated electrokinetically driven microfluidic devices with pH-mediated solid-phase extraction coupled to microchip electrophoresis for preterm birth biomarkers. <i>Electrophoresis</i> , 2017, 38, 1743-1754.	2.4	19
39	Directional Growth of DNA-Functionalized Nanorods to Enable Continuous, Site-Specific Metallization of DNA Origami Templates. <i>Langmuir</i> , 2017, 33, 10143-10152.	3.5	32
40	The only constant is change. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6053-6053.	3.7	1
41	Sequence-specific DNA solid-phase extraction in an on-chip monolith: Towards detection of antibiotic resistance genes. <i>Journal of Chromatography A</i> , 2017, 1523, 309-315.	3.7	9
42	DNA origami: The bridge from bottom to top. <i>MRS Bulletin</i> , 2017, 42, 943-950.	3.5	24
43	Custom 3D printer and resin for 18 μm – 20 μm microfluidic flow channels. <i>Lab on A Chip</i> , 2017, 17, 2899-2909.	6.0	306
44	Recent advances in microfluidic sample preparation and separation techniques for molecular biomarker analysis: A critical review. <i>Analytica Chimica Acta</i> , 2017, 986, 1-11.	5.4	129
45	Advances in monoliths and related porous materials for microfluidics. <i>Biomicrofluidics</i> , 2016, 10, 032901.	2.4	34
46	High density 3D printed microfluidic valves, pumps, and multiplexers. <i>Lab on A Chip</i> , 2016, 16, 2450-2458.	6.0	202
47	On-chip fluorescent labeling using reversed-phase monoliths and microchip electrophoretic separations of selected preterm birth biomarkers. <i>Analytical Methods</i> , 2016, 8, 7739-7746.	2.7	14
48	Development of an integrated microfluidic solid-phase extraction and electrophoresis device. <i>Analyst</i> , 2016, 141, 1660-1668.	3.5	27
49	Pressure-actuated microfluidic devices for electrophoretic separation of pre-term birth biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 599-607.	3.7	28
50	Particle trapping in electrostatically actuated nanofluidic barriers. , 2015, , .		1
51	Optical approach to resin formulation for 3D printed microfluidics. <i>RSC Advances</i> , 2015, 5, 106621-106632.	3.6	234
52	Microchip immunoaffinity electrophoresis of antibody-thymidine kinase 1 complex. <i>Electrophoresis</i> , 2015, 36, 813-817.	2.4	13
53	On chip preconcentration and fluorescence labeling of model proteins by use of monolithic columns: device fabrication, optimization, and automation. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 737-747.	3.7	24
54	3D printed microfluidic devices with integrated valves. <i>Biomicrofluidics</i> , 2015, 9, 016501.	2.4	221

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55	Applications of microfluidics and microchip electrophoresis for potential clinical biomarker analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6911-6922.	3.7	66
56	ABC Spotlight on emerging microRNA analysis methods. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6579-6581.	3.7	2
57	Microfluidic devices for label-free and non-instrumented quantitation of unamplified nucleic acids by flow distance measurement. <i>Analytical Methods</i> , 2014, 6, 8173-8179.	2.7	10
58	DNA-templated lithography and nanofabrication for the fabrication of nanoscale electronic circuitry. <i>Critical Reviews in Analytical Chemistry</i> , 2014, 44, 354-370.	3.5	25
59	Microfluidic valves made from polymerized polyethylene glycol diacrylate. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 438-444.	7.8	36
60	Site-Specific Metallization of Multiple Metals on a Single DNA Origami Template. <i>Langmuir</i> , 2014, 30, 1134-1141.	3.5	44
61	Fabrication of DNA-Templated Te and Bi ₂ Te ₃ Nanowires by Galvanic Displacement. <i>Langmuir</i> , 2013, 29, 11176-11184.	3.5	37
62	Thin-film microfabricated nanofluidic arrays for size-selective protein fractionation. <i>Lab on A Chip</i> , 2013, 13, 4591.	6.0	7
63	Weak Adsorption-Induced Surface Stress for Streptavidin Binding to Biotin Tethered to Silicon Microcantilever Arrays. <i>IEEE Sensors Journal</i> , 2013, 13, 959-968.	4.7	6
64	Fluorescent measurement of affinity binding between thrombin and its aptamers using on-chip affinity monoliths. <i>Journal of Chromatography A</i> , 2013, 1291, 92-96.	3.7	18
65	Electrically Conductive Gold- and Copper-Metallized DNA Origami Nanostructures. <i>Langmuir</i> , 2013, 29, 3482-3490.	3.5	72
66	Advances in Microfluidic Materials, Functions, Integration, and Applications. <i>Chemical Reviews</i> , 2013, 113, 2550-2583.	47.7	731
67	Microfluidic chips with reversed-phase monoliths for solid phase extraction and on-chip labeling. <i>Journal of Chromatography A</i> , 2012, 1261, 129-135.	3.7	47
68	DNA Origami Metallized Site Specifically to Form Electrically Conductive Nanowires. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10551-10560.	2.6	90
69	Flow Valve-Microfluidic Devices for Simple, Detectorless, and Label-Free Analyte Quantitation. <i>Analytical Chemistry</i> , 2012, 84, 7057-7063.	6.5	14
70	Single-sided inkjet functionalization of silicon photonic microcantilevers. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 80-87.	7.8	8
71	Rapid metallization of lambda DNA and DNA origami using a Pd seeding method. <i>Journal of Materials Chemistry</i> , 2011, 21, 12126.	6.7	49
72	Chemical Alignment of DNA Origami to Block Copolymer Patterned Arrays of 5 nm Gold Nanoparticles. <i>Nano Letters</i> , 2011, 11, 1981-1987.	9.1	41

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73	Metallization of Branched DNA Origami for Nanoelectronic Circuit Fabrication. ACS Nano, 2011, 5, 2240-2247.	14.6	171
74	Single-Monomer Formulation of Polymerized Polyethylene Glycol Diacrylate as a Nonadsorptive Material for Microfluidics. Analytical Chemistry, 2011, 83, 6418-6425.	6.5	60
75	Multilayer Polymer Microchip Capillary Array Electrophoresis Devices with Integrated On-Chip Labeling for High-Throughput Protein Analysis. Analytical Chemistry, 2011, 83, 3541-3547.	6.5	29
76	Transient deflection response in microcantilever array integrated with polydimethylsiloxane (PDMS) microfluidics. Lab on A Chip, 2011, 11, 2088.	6.0	27
77	Optimization of monolithic columns for microfluidic devices. , 2011, , .		3
78	Surfactant addition and alternating current electrophoretic oscillation during size fractionation of nanoparticles in channels with two or three different height segments. Journal of Chromatography A, 2011, 1218, 9102-9110.	3.7	11
79	Ionâ€permeable membrane for onâ€chip preconcentration and separation of cancer marker proteins. Electrophoresis, 2011, 32, 1133-1140.	2.4	28
80	Microcantilever array sensors with integrated PDMS microfluidics. , 2011, , .		0
81	Contactless conductivity detection of small ions in a surface microâ€machined CE chip. Electrophoresis, 2010, 31, 2596-2601.	2.4	13
82	Integrated Multiprocess Microfluidic Systems for Automating Analysis. Journal of the Association for Laboratory Automation, 2010, 15, 198-209.	2.8	22
83	Selective trapping and concentration of nanoparticles and viruses in dual-height nanofluidic channels. Lab on A Chip, 2010, 10, 173-178.	6.0	47
84	Microdevices integrating affinity columns and capillary electrophoresis for multibiomarker analysis in human serum. Lab on A Chip, 2010, 10, 2527.	6.0	54
85	Polymer microchip CE of proteins either offâ€or onâ€chip labeled with chameleon dye for simplified analysis. Electrophoresis, 2009, 30, 4230-4236.	2.4	19
86	Phase-changing sacrificial layers in microfluidic devices: adding another dimension to separations. Analytical and Bioanalytical Chemistry, 2009, 393, 431-435.	3.7	5
87	Performance optimization in electric field gradient focusing. Journal of Chromatography A, 2009, 1216, 159-164.	3.7	16
88	Bilinear electric field gradient focusing. Journal of Chromatography A, 2009, 1216, 6532-6538.	3.7	13
89	Polymerase Chain Reaction Based Scaffold Preparation for the Production of Thin, Branched DNA Origami Nanostructures of Arbitrary Sizes. Nano Letters, 2009, 9, 4302-4305.	9.1	116
90	DNA-templated nanofabrication. Chemical Society Reviews, 2009, 38, 329-337.	38.1	136

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91	A general microchip surface modification approach using a spin-coated polymer resist film doped with hydroxypropyl cellulose. <i>Lab on A Chip</i> , 2009, 9, 949-953.	6.0	10
92	Integrated Microfluidic Device for Serum Biomarker Quantitation Using Either Standard Addition or a Calibration Curve. <i>Analytical Chemistry</i> , 2009, 81, 8230-8235.	6.5	55
93	Programed elution and peak profiles in electric field gradient focusing. <i>Electrophoresis</i> , 2008, 29, 1058-1066.	2.4	13
94	Affinity monolith preconcentrators for polymer microchip capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 3429-3435.	2.4	54
95	Poly(ethylene glycol)-Functionalized Devices for Electric Field Gradient Focusing. <i>Analytical Chemistry</i> , 2008, 80, 451-460.	6.5	20
96	Affinity Monolith-Integrated Poly(methyl methacrylate) Microchips for On-Line Protein Extraction and Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2008, 80, 5126-5130.	6.5	71
97	Phase-Changing Sacrificial Layer Fabrication of Multilayer Polymer Microfluidic Devices. <i>Analytical Chemistry</i> , 2008, 80, 333-339.	6.5	24
98	DNA-templated nanowires as sacrificial materials for creating nanocapillaries. , 2008, , .		0
99	Electroosmotic flow in vapor deposited silicon dioxide and nitride microchannels. <i>Biomicrofluidics</i> , 2007, 1, 34101.	2.4	16
100	Nanografting of Silanes on Silicon Dioxide with Applications to DNA Localization and Copper Electroless Deposition. <i>Chemistry of Materials</i> , 2007, 19, 5052-5054.	6.7	26
101	Electrically actuated, pressure-driven liquid chromatography separations in microfabricated devices. <i>Lab on A Chip</i> , 2007, 7, 1524.	6.0	47
102	In-channel atom transfer radical polymerization of thermoset polyester microfluidic devices for bioanalytical applications. <i>Electrophoresis</i> , 2007, 28, 2904-2911.	2.4	18
103	Rapid prototyping of poly(methyl methacrylate) microfluidic systems using solvent imprinting and bonding. <i>Journal of Chromatography A</i> , 2007, 1162, 162-166.	3.7	59
104	Influence of transport properties in electric field gradient focusing. <i>Journal of Chromatography A</i> , 2007, 1160, 311-319.	3.7	18
105	DNA Shadow Nanolithography. <i>Small</i> , 2007, 3, 1534-1538.	10.0	31
106	Integrating Sample Processing and Detection with Microchip Capillary Electrophoresis of DNA. , 2007, , 68-77.		0
107	Proteomic and phototoxic characterization of melanin-porphyrin: correlation to disease and model for its origin. <i>Molecular Vision</i> , 2007, 13, 318-29.	1.1	46
108	DNA-Templated Nickel Nanostructures and Protein Assemblies. <i>Langmuir</i> , 2006, 22, 10140-10144.	3.5	62

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109	Phase-Changing Sacrificial Materials for Interfacing Microfluidics with Ion-Permeable Membranes To Create On-Chip Preconcentrators and Electric Field Gradient Focusing Microchips. <i>Analytical Chemistry</i> , 2006, 78, 2565-2570.	6.5	59
110	Electronic Properties of DNA-Templated Single-Walled Carbon Nanotubes. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
111	Sacrificial layer microfluidic device fabrication methods. <i>Electrophoresis</i> , 2006, 27, 4888-4895.	2.4	42
112	Field gradient electrophoresis. <i>Electrophoresis</i> , 2005, 26, 405-414.	2.4	18
113	Electric field gradient focusing. <i>Journal of Separation Science</i> , 2005, 28, 1985-1993.	2.5	72
114	High-yield DNA-templated assembly of surfactant-wrapped carbon nanotubes. <i>Nanotechnology</i> , 2005, 16, 2238-2241.	2.6	13
115	Microfluidic Systems for Integrated, High-Throughput DNA Analysis. <i>Analytical Chemistry</i> , 2005, 77, 96 A-102 A.	6.5	26
116	DNA-Templated Three-Branched Nanostructures for Nanoelectronic Devices. <i>Journal of the American Chemical Society</i> , 2005, 127, 2828-2829.	13.7	100
117	Phase-Changing Sacrificial Materials for Solvent Bonding of High-Performance Polymeric Capillary Electrophoresis Microchips. <i>Analytical Chemistry</i> , 2005, 77, 3536-3541.	6.5	90
118	Examining the proteins of functional retinal lipofuscin using proteomic analysis as a guide for understanding its origin. <i>Molecular Vision</i> , 2005, 11, 1122-34.	1.1	41
119	Micromachined Substrates for Molecular Follow-Up in DNA-Templated Nanofabrication. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
120	Biofunctionalization of Carbon Nanotubes for Atomic Force Microscopy Imaging. , 2004, 283, 305-320.		2
121	Rapid and convenient method for preparing masters for microcontact printing with 12µm features. <i>Review of Scientific Instruments</i> , 2004, 75, 3065-3067.	1.3	14
122	Fabrication of calcium fluoride capillary electrophoresis microdevices for on-chip infrared detection. <i>Journal of Chromatography A</i> , 2004, 1027, 231-235.	3.7	47
123	DNA-Templated Nanowire Fabrication. <i>Biomedical Microdevices</i> , 2004, 6, 105-111.	2.8	83
124	Ionic surface masking for low background in single- and double-stranded DNA-templated silver and copper nanorods. <i>Journal of Materials Chemistry</i> , 2004, 14, 611.	6.7	63
125	Surface-Modified Poly(methyl methacrylate) Capillary Electrophoresis Microchips for Protein and Peptide Analysis. <i>Analytical Chemistry</i> , 2004, 76, 6948-6955.	6.5	120
126	Electric Field Gradient Focusing of Proteins Based on Shaped Ionically Conductive Acrylic Polymer. <i>Analytical Chemistry</i> , 2004, 76, 5641-5648.	6.5	82

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127	Directional Orientation of Carbon Nanotubes on Surfaces Using a Gas Flow Cell. Nano Letters, 2004, 4, 1481-1484.	9.1	102
128	Title is missing!. Biomedical Microdevices, 2003, 5, 69-74.	2.8	4
129	DNA-Templated Nanotube Localization. Journal of the American Chemical Society, 2003, 125, 8710-8711.	13.7	143
130	Electrically actuated, pressure-driven microfluidic pumps. Lab on A Chip, 2003, 3, 217.	6.0	44
131	Chemomechanical Production of Submicron Edge Width, Functionalized, $\approx 1/20$ μm Features on Silicon. Langmuir, 2003, 19, 985-988.	3.5	20
132	Thermal Bonding of Polymeric Capillary Electrophoresis Microdevices in Water. Analytical Chemistry, 2003, 75, 1941-1945.	6.5	127
133	DNA-Templated Construction of Copper Nanowires. Nano Letters, 2003, 3, 359-363.	9.1	451
134	Deposition and Characterization of Extended Single-Stranded DNA Molecules on Surfaces. Nano Letters, 2001, 1, 345-348.	9.1	87
135	A New Method of Preparing Monolayers on Silicon and Patterning Silicon Surfaces by Scribing in the Presence of Reactive Species. Langmuir, 2001, 17, 5889-5900.	3.5	73
136	Direct haplotyping of kilobase-size DNA using carbon nanotube probes. Nature Biotechnology, 2000, 18, 760-763.	17.5	164
137	Structural biology with carbon nanotube AFM probes. Chemistry and Biology, 2000, 7, R193-R204.	6.0	76
138	Title is missing!. Nature Biotechnology, 2000, 18, 760-763.	17.5	30
139	Functionalization of carbon nanotube AFM probes using tip-activated gases. Chemical Physics Letters, 1999, 306, 219-225.	2.6	90
140	Microfabrication Technology for the Production of Capillary Array Electrophoresis Chips. Biomedical Microdevices, 1998, 1, 7-26.	2.8	121
141	Covalently functionalized nanotubes as nanometre- sized probes in chemistry and biology. Nature, 1998, 394, 52-55.	27.8	1,439
142	Capillary Electrophoresis Chips with Integrated Electrochemical Detection. Analytical Chemistry, 1998, 70, 684-688.	6.5	534
143	Covalently-Functionalized Single-Walled Carbon Nanotube Probe Tips for Chemical Force Microscopy. Journal of the American Chemical Society, 1998, 120, 8557-8558.	13.7	249
144	Single-walled carbon nanotube probes for high-resolution nanostructure imaging. Applied Physics Letters, 1998, 73, 3465-3467.	3.3	169

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145	High-Speed DNA Genotyping Using Microfabricated Capillary Array Electrophoresis Chips. Analytical Chemistry, 1997, 69, 2181-2186.	6.5	333
146	Functional Integration of PCR Amplification and Capillary Electrophoresis in a Microfabricated DNA Analysis Device. Analytical Chemistry, 1996, 68, 4081-4086.	6.5	741
147	Ultra-High-Speed DNA Sequencing Using Capillary Electrophoresis Chips. Analytical Chemistry, 1995, 67, 3676-3680.	6.5	563