

Benjamin L Miller

List of Publications by Year in descending order

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217
papers

7,628
citations

53794

45
h-index

62596

80
g-index

230
all docs

230
docs citations

230
times ranked

8756
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and Expansion of Memory B Cells against Coronavirus in Acutely Infected COVID-19 Individuals. <i>Pathogens</i> , 2022, 11, 186.	2.8	4
2	Expanding the known structure space for RNA binding: a test of 2,5-diketopiperazine. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 606-612.	2.8	0
3	Strategies for the development of photonic sensors for COVID-19. , 2022, , .		0
4	Human Organ-on-a-Chip Microphysiological Systems to Model Musculoskeletal Pathologies and Accelerate Therapeutic Discovery. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 846230.	4.1	12
5	Waveguide-enhanced Raman spectroscopy for field detection of threat materials. , 2022, , .		0
6	Conditions That Simulate the Environment of Atopic Dermatitis Enhance Susceptibility of Human Keratinocytes to Vaccinia Virus. <i>Cells</i> , 2022, 11, 1337.	4.1	7
7	Development of Methods for Specific Capture of Biological Targets on Aluminum Substrates: Application to <i>Bacillus subtilis</i> Spore Detection as a Model for Anthrax. <i>Sensors</i> , 2022, 22, 3441.	3.8	0
8	Low-Loss Nanoslot Waveguides for Sensing Fabricated in a CMOS Foundry. , 2021, , .		0
9	Disposable photonics for cost-effective clinical bioassays: application to COVID-19 antibody testing. <i>Lab on A Chip</i> , 2021, 21, 2913-2921.	6.0	20
10	Label-Free, Multiplex Glycan Microarray Biosensor for Influenza Virus Detection. <i>Bioconjugate Chemistry</i> , 2021, 32, 533-540.	3.6	15
11	Targeting Ribosomal Frameshifting as an Antiviral Strategy: From HIV-1 to SARS-CoV-2. <i>Accounts of Chemical Research</i> , 2021, 54, 3349-3361.	15.6	8
12	Monitoring Serum Spike Protein with Disposable Photonic Biosensors Following SARS-CoV-2 Vaccination. <i>Sensors</i> , 2021, 21, 5857.	3.8	32
13	StaphAIR: A Label-Free Antigen Microarray Approach to Detecting Anti- <i>Staphylococcus aureus</i> Antibody Responses in Orthopedic Infections. <i>Analytical Chemistry</i> , 2021, 93, 13580-13588.	6.5	5
14	Peptides Derived from the Tight Junction Protein CLDN1 Disrupt the Skin Barrier and Promote Responsiveness to an Epicutaneous Vaccine. <i>Journal of Investigative Dermatology</i> , 2020, 140, 361-369.e3.	0.7	17
15	A Stable Biotin-Streptavidin Surface Enables Multiplex, Label-Free Protein Detection by Aptamer and Aptamer-Protein Arrays Using Arrayed Imaging Reflectometry. <i>Sensors</i> , 2020, 20, 5745.	3.8	7
16	Array-based analysis of SARS-CoV-2, other coronaviruses, and influenza antibodies in convalescent COVID-19 patients. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112643.	10.1	30
17	Towards simultaneous quantification of protease inhibitors and inflammatory biomarkers in serum for people living with HIV. <i>Analytical Methods</i> , 2020, 12, 1882-1888.	2.7	2
18	Figure-of-Merit Characterization of Hydrogen-Bond Acidic Sorbents for Waveguide-Enhanced Raman Spectroscopy. <i>ACS Sensors</i> , 2020, 5, 831-836.	7.8	13

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19	Characterizing Emerging Canine H3 Influenza Viruses. PLoS Pathogens, 2020, 16, e1008409.	4.7	29
20	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
21	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
22	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
23	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
24	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
25	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
26	Dynamic combinatorial chemistry as a rapid method for discovering sequence-selective RNA-binding compounds. Methods in Enzymology, 2019, 623, 67-84.	1.0	5
27	Immunosensor-based label-free and multiplex detection of influenza viruses: State of the art. Biosensors and Bioelectronics, 2019, 141, 111476.	10.1	71
28	Silicon optical sensor arrays for environmental and health applications. Current Opinion in Environmental Science and Health, 2019, 10, 22-29.	4.1	7
29	A Matricryptic Conformation of the Integrin-Binding Domain of Fibronectin Regulates Platelet-Derived Growth Factor-Induced Intracellular Calcium Release. Cells, 2019, 8, 1351.	4.1	3
30	Enhancing the ligand efficiency of anti-HIV compounds targeting frameshift-stimulating RNA. Bioorganic and Medicinal Chemistry, 2019, 27, 2972-2977.	3.0	12
31	Antibacterial Copper-Hydroxyapatite Composite Coatings via Electrochemical Synthesis. Langmuir, 2019, 35, 5957-5966.	3.5	51
32	Label-free microarray-based detection of autoantibodies in human serum. Journal of Immunological Methods, 2018, 459, 44-49.	1.4	7
33	Crowd on a Chip: Label-Free Human Monoclonal Antibody Arrays for Serotyping Influenza. Analytical Chemistry, 2018, 90, 9583-9590.	6.5	19
34	Design, manufacture, and testing of a silicon nitride ring resonator-based biosensing platform. , 2018, , .		3
35	HIV-1 Frameshift RNA-Targeted Triazoles Inhibit Propagation of Replication-Competent and Multi-Drug-Resistant HIV in Human Cells. ACS Chemical Biology, 2017, 12, 1674-1682.	3.4	43
36	A Modular Approach to the Discovery and Affinity Maturation of Sequence-Selective RNA-Binding Compounds. Topics in Medicinal Chemistry, 2017, , 17-45.	0.8	1

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37	Silver-hydroxyapatite composite coatings with enhanced antimicrobial activities through heat treatment. <i>Surface and Coatings Technology</i> , 2017, 325, 39-45.	4.8	32
38	Recognition-mediated particle detection under microfluidic flow with waveguide-coupled 2D photonic crystals: towards integrated photonic virus detectors. <i>Lab on A Chip</i> , 2017, 17, 1570-1577.	6.0	18
39	Antimicrobial silver-hydroxyapatite composite coatings through two-stage electrochemical synthesis. <i>Surface and Coatings Technology</i> , 2016, 301, 13-19.	4.8	74
40	Probing the geometric constraints of RNA binding via dynamic covalent chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3940-3946.	3.0	4
41	A label-free optical biosensor for serotyping "unknown" influenza viruses. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
42	Photonic Crystals as Robust Label-Free Biosensors. <i>Springer Series in Materials Science</i> , 2016, , 189-207.	0.6	5
43	<i>N</i> -Methylation as a Strategy for Enhancing the Affinity and Selectivity of RNA-binding Peptides: Application to the HIV-1 Frameshift-Stimulating RNA. <i>ACS Chemical Biology</i> , 2016, 11, 88-94.	3.4	37
44	A label-free, multiplex competitive assay for small molecule pollutants. <i>Biosensors and Bioelectronics</i> , 2016, 77, 1-6.	10.1	16
45	A Multiplex Label-Free Approach to Avian Influenza Surveillance and Serology. <i>PLoS ONE</i> , 2015, 10, e0134484.	2.5	19
46	Two-dimensional photonic crystals for sensitive microscale chemical and biochemical sensing. <i>Lab on A Chip</i> , 2015, 15, 971-990.	6.0	90
47	Functionalized Polymer Microgel Particles Enable Customizable Production of Label-Free Sensor Arrays. <i>Analytical Chemistry</i> , 2015, 87, 7887-7893.	6.5	21
48	A novel antibody immobilization strategy for optical biosensors. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
49	Discrimination of <i>specific</i> and <i>nonspecific</i> binding in two-dimensional photonic crystals. <i>Optics Express</i> , 2015, 23, 7101.	3.4	5
50	Numerical study of sensitivity enhancement in a photonic crystal microcavity biosensor due to optical forces. <i>Optics Express</i> , 2015, 23, 25072.	3.4	9
51	A patch for a splice. <i>Nature Chemical Biology</i> , 2015, 11, 454-455.	8.0	1
52	Multicenter, Double-Blind, Randomized, Phase II Trial To Assess the Safety and Efficacy of Ceftolozane-Tazobactam plus Metronidazole Compared with Meropenem in Adult Patients with Complicated Intra-Abdominal Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5350-5357.	3.2	91
53	iPfam: a database of protein family and domain interactions found in the Protein Data Bank. <i>Nucleic Acids Research</i> , 2014, 42, D364-D373.	14.5	156
54	Impact of Renal Function on the Pharmacokinetics and Safety of Ceftolozane-Tazobactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2249-2255.	3.2	67

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55	Examining the Interactions of the Splicing Factor MBNL1 with Target RNA Sequences via a Label-Free, Multiplex Method. <i>Analytical Chemistry</i> , 2014, 86, 1067-1075.	6.5	12
56	Lomofungin and dilomofungin: inhibitors of MBNL1-CUG RNA binding with distinct cellular effects. <i>Nucleic Acids Research</i> , 2014, 42, 6591-6602.	14.5	46
57	High-Affinity Recognition of HIV-1 Frameshift-Stimulating RNA Alters Frameshifting in Vitro and Interferes with HIV-1 Infectivity. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 723-732.	6.4	43
58	Enhancing the Detection Limit of Nanoscale Biosensors via Topographically Selective Functionalization. <i>Analytical Chemistry</i> , 2014, 86, 1016-1022.	6.5	18
59	Costs and benefits of pneumatic collection in three specific New York City cases. <i>Waste Management</i> , 2014, 34, 1957-1966.	7.4	15
60	Identification of Activators of ERK5 Transcriptional Activity by High-Throughput Screening and the Role of Endothelial ERK5 in Vasoprotective Effects Induced by Statins and Antimalarial Agents. <i>Journal of Immunology</i> , 2014, 193, 3803-3815.	0.8	51
61	Comparative study of solution-phase and vapor-phase deposition of aminosilanes on silicon dioxide surfaces. <i>Materials Science and Engineering C</i> , 2014, 35, 283-290.	7.3	80
62	Structure-activity relationships of small molecule inhibitors of RAGE- β 2 binding. <i>Tetrahedron</i> , 2013, 69, 7653-7658.	1.9	3
63	Two dimensional photonic crystal biosensors as a platform for label-free sensing of biomolecules. , 2013, , .		6
64	Selective virus detection in complex sample matrices with photonic crystal optical cavities. <i>Biosensors and Bioelectronics</i> , 2013, 44, 229-234.	10.1	58
65	Effects of Stock Use and Backpackers on Water Quality in Wilderness in Sequoia and Kings Canyon National Parks, USA. <i>Environmental Management</i> , 2013, 52, 1400-1414.	2.7	8
66	A Recurrent, Multistate Outbreak of Salmonella Serotype Agona Infections Associated with Dry, Unsweetened Cereal Consumption, United States, 2008. <i>Journal of Food Protection</i> , 2013, 76, 227-230.	1.7	66
67	Oral propranolol versus placebo for retinopathy of prematurity: a pilot, randomised, double-blind prospective study. <i>Archives of Disease in Childhood</i> , 2013, 98, 565-567.	1.9	32
68	Pharmacokinetics and Safety of Intravenous Ceftolozane-Tazobactam in Healthy Adult Subjects following Single and Multiple Ascending Doses. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3086-3091.	3.2	107
69	INCOMPARABLE TREEABLE EQUIVALENCE RELATIONS. <i>Journal of Mathematical Logic</i> , 2012, 12, 1250004.	0.6	2
70	Microfluidic nanoplasmonic-enabled device for multiplex DNA detection. <i>Lab on A Chip</i> , 2012, 12, 1089.	6.0	22
71	From dynamic combinatorial hit™ to lead: in vitro and in vivo activity of compounds targeting the pathogenic RNAs that cause myotonic dystrophy. <i>Nucleic Acids Research</i> , 2012, 40, 6380-6390.	14.5	69
72	1-D and 2-D Photonic Crystals as Optical Methods for Amplifying Biomolecular Recognition. <i>Analytical Chemistry</i> , 2012, 84, 8900-8908.	6.5	33

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73	Regional threats and global management of conflicts in regions: The case of the US in the Middle East. <i>International Politics</i> , 2012, 49, 346-382.	1.9	0
74	Ternary resin-bound dynamic combinatorial chemistry. <i>Chemical Communications</i> , 2012, 48, 2131.	4.1	30
75	A multimodal RAGE-specific inhibitor reduces amyloid β -mediated brain disorder in a mouse model of Alzheimer disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 1377-1392.	8.2	507
76	Does Democratization Pacify the State? The Cases of Germany and Iraq. <i>International Studies Quarterly</i> , 2012, 56, 455-469.	1.5	10
77	Efficient reconstruction of block-sparse signals. , 2011, , .		7
78	An active filter achieving 43.6dBm OIP&inf>3&inf>. , 2011, , .		3
79	Validation of Arrayed Imaging Reflectometry Biosensor Response for Protein&Antibody Interactions: Cross-Correlation of Theory, Experiment, and Complementary Techniques. <i>Analytical Chemistry</i> , 2011, 83, 3750-3757.	6.5	20
80	Towards an optical concentrator for nanoparticles. <i>Proceedings of SPIE</i> , 2011, , .	0.8	4
81	Label-free, arrayed sensing of immune response to influenza antigens. <i>Talanta</i> , 2011, 83, 1000-1005.	5.5	22
82	DCC in the Development of Nucleic Acid Targeted and Nucleic Acid Inspired Structures. <i>Topics in Current Chemistry</i> , 2011, 322, 107-137.	4.0	4
83	Optical and fluidic design for guaranteed trapping and detection of particles in a silicon microfluidic and photonic crystal system. <i>Proceedings of SPIE</i> , 2011, , .	0.8	8
84	Aqueous arrayed imaging reflectometry as a sensitive platform for real-time biomolecular interaction analysis. , 2011, , .		2
85	Recent advancements in optical DNA biosensors: Exploiting the plasmonic effects of metal nanoparticles. <i>Analyst</i> , 2011, 136, 436-447.	3.5	121
86	Incidence and severity of ocular and adnexal injuries during the Second Lebanon War among Israeli soldiers and civilians. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1771-1774.	1.9	16
87	Analysis of inflammatory biomarkers by Arrayed Imaging Reflectometry. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3944-3948.	10.1	17
88	Silicon photonic crystal nanocavity-coupled waveguides for error-corrected optical biosensing. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4024-4031.	10.1	99
89	<i>Salmonella</i> Typhimurium Infections Associated with Peanut Products. <i>New England Journal of Medicine</i> , 2011, 365, 601-610.	27.0	107
90	Enhanced sensitivity in silicon photonic crystal biosensors due to optical force-assisted particle transport. , 2011, , .		0

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91	Why Great Powers Expand in Their Own Neighborhood: Explaining the Territorial Expansion of the United States 1819â€“1848. <i>International Interactions</i> , 2011, 37, 229-262.	1.2	6
92	Autosomal-Recessive Early-Onset Retinitis Pigmentosa Caused by a Mutation in PDE6G, the Gene Encoding the Gamma Subunit of Rod cGMP Phosphodiesterase. <i>American Journal of Human Genetics</i> , 2010, 87, 258-264.	6.2	74
93	Bioaccumulation and biotransformation of decabromodiphenyl ether and effects on daily growth in juvenile lake whitefish (<i>Coregonus clupeaformis</i>). <i>Ecotoxicology</i> , 2010, 19, 751-760.	2.4	21
94	Catalysing dynamic libraries. <i>Nature Chemistry</i> , 2010, 2, 433-434.	13.6	10
95	Democracy Promotion. <i>Millennium: Journal of International Studies</i> , 2010, 38, 561-591.	0.8	10
96	Multiplex detection of disease marker proteins with arrayed imaging reflectometry. , 2010, , .		0
97	Microcavities in photonic crystal waveguides for biosensor applications. , 2010, , .		11
98	Strategies for Recognition of Stemâ”Loop RNA Structures by Synthetic Ligands: Application to the HIV-1 Frameshift Stimulatory Sequence. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6018-6027.	6.4	31
99	Aging Induced Ag Nanoparticle Rearrangement under Ambient Atmosphere and Consequences for Nanoparticle-Enhanced DNA Biosensing. <i>Analytical Chemistry</i> , 2010, 82, 8664-8670.	6.5	18
100	Contrasting Explanations for Peace: Realism vs. Liberalism in Europe and the Middle East. <i>Contemporary Security Policy</i> , 2010, 31, 134-164.	3.8	3
101	Explaining Changes in U.S. Grand Strategy: 9/11, the Rise of Offensive Liberalism, and the War in Iraq. <i>Security Studies</i> , 2010, 19, 26-65.	0.8	49
102	Extending the dynamic range of RF receivers using nonlinear equalization. , 2009, , .		6
103	Between the revisionist and the frontier state: regional variations in state war-propensity. <i>Review of International Studies</i> , 2009, 35, 85-119.	1.7	10
104	Detection of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) using the NanoLantern Biosensor. <i>Proceedings of SPIE</i> , 2009, , .	0.8	2
105	Arrayed imaging reflectometry for inexpensive and label-free protein arrays. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
106	Tracking serum antibody response to viral antigens with arrayed imaging reflectometry. , 2009, , .		4
107	A Potent Activator of Melanogenesis Identified from Smallâ€Molecule Screening. <i>ChemMedChem</i> , 2009, 4, 1583-1589.	3.2	11
108	Synthesis at the molecular frontier. <i>Nature</i> , 2009, 460, 197-201.	27.8	489

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109	Compressed Sensing Arrays for Frequency-Sparse Signal Detection and Geolocation. , 2009, , .		1
110	Polyphase Nonlinear Equalization of Time-Interleaved Analog-to-Digital Converters. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 362-373.	10.8	37
111	Label-Free DNA Detection on Nanostructured Ag Surfaces. ACS Nano, 2009, 3, 2265-2273.	14.6	98
112	The role of alkanethiol spacers in a metal surface-based label-free DNA detection system. Proceedings of SPIE, 2009, , .	0.8	0
113	A multi-sensor compressed sensing receiver: Performance bounds and simulated results. , 2009, , .		14
114	A Log-Frequency Approach to the Identification of the Wienerâ€“Hammerstein Model. IEEE Signal Processing Letters, 2009, 16, 889-892.	3.6	16
115	Ribosomal frameshifting: an emerging drug target for HIV. Current Opinion in Investigational Drugs, 2009, 10, 121-8.	2.3	18
116	Diagnostics for a personalized medical future: extending our senses to the molecular scale. Studies in Health Technology and Informatics, 2009, 149, 297-310.	0.3	0
117	Detection of human proteins using arrayed imaging reflectometry. Biosensors and Bioelectronics, 2008, 24, 334-337.	10.1	29
118	Topical Glaucoma Therapy as a Risk Factor for Nasolacrimal Duct Obstruction. American Journal of Ophthalmology, 2008, 145, 120-123.e1.	3.3	41
119	Selective Recognition of Alkyl Pyranosides in Protic and Aprotic Solvents. Journal of the American Chemical Society, 2008, 130, 9566-9573.	13.7	42
120	A Polyphase nonlinear equalization architecture and semi-blind identification method. , 2008, , .		1
121	Dynamic Combinatorial Selection of Molecules Capable of Inhibiting the (CUG) Repeat RNAâ”MBNL1 Interaction In Vitro: Discovery of Lead Compounds Targeting Myotonic Dystrophy (DM1). Journal of the American Chemical Society, 2008, 130, 16254-16261.	13.7	177
122	Investigation of Non-Nucleophilic Additives for the Reduction of Morphological Anomalies in Protein Arrays. Langmuir, 2008, 24, 12754-12757.	3.5	17
123	The existence of measures of a given cocycle, I: atomless, ergodic \mathbb{Z} -finite measures. Ergodic Theory and Dynamical Systems, 2008, 28, 1599-1613.	0.6	14
124	The existence of measures of a given cocycle, II: probability measures. Ergodic Theory and Dynamical Systems, 2008, 28, 1615-1633.	0.6	8
125	The cube coefficient subspace architecture for nonlinear digital predistortion. , 2008, , .		11
126	Two-dimensional photonic crystal microcavity sensor for single particle detection. , 2008, , .		1

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127	Congenital Combined Orbito-Nasal Lipoblastoma: Clinico-Pathologic Study. <i>Orbit</i> , 2007, 26, 125-127.	0.8	6
128	A New Approach to Achieving High-Performance Power Amplifier Linearization. <i>IEEE National Radar Conference - Proceedings</i> , 2007, , .	0.0	3
129	Single-Step Synthesis of Functional Organic Receptors via a Tridirectional Minisci Reaction. <i>Synthesis</i> , 2007, 2007, 2287-2290.	2.3	4
130	RETINAL TOXICITY OF INTRAVITREAL KENALOG IN ALBINO RABBITS. <i>Retina</i> , 2007, 27, 778-788.	1.7	42
131	Effect of Timing of External Dacryocystorhinostomy on Surgical Outcome. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2007, 23, 183-186.	0.8	15
132	Orbital Fractures Complicated by Late Enophthalmos: Higher Prevalence in Patients With Multiple Trauma. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2007, 23, 115-118.	0.8	18
133	Evaluation of Intravitreal Kenalog Toxicity in Humans. <i>Ophthalmology</i> , 2007, 114, 724-731.	5.2	33
134	Biophysical analysis of the EPEC translocated intimin receptor-binding domain. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 1073-1078.	2.1	6
135	Desferrioxamine and zinc reduce oxidative damage. <i>Experimental Eye Research</i> , 2007, 84, 561-568.	2.6	7
136	Variable Projection and Unfolding in Compressed Sensing. , 2007, , .		1
137	Identification of a Selective Small-Molecule Ligand for HIV-1 Frameshift-Inducing Stem-Loop RNA from an 11,325 Member Resin Bound Dynamic Combinatorial Library. <i>Journal of the American Chemical Society</i> , 2007, 129, 11306-11307.	13.7	92
138	Label-Free Quantitative Detection of Protein Using Macroporous Silicon Photonic Bandgap Biosensors. <i>Analytical Chemistry</i> , 2007, 79, 1502-1506.	6.5	97
139	Retinal capillary basement membrane thickness in diabetic mice genetically modified at the haptoglobin locus. <i>Diabetes/Metabolism Research and Reviews</i> , 2007, 23, 152-156.	4.0	23
140	Conformational and Structural Analysis of a Cyclopentane Scaffold for Molecular Recognition. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 53-61.	2.4	2
141	Identification of high-stringency DNA hairpin probes by partial gene folding. <i>Biosensors and Bioelectronics</i> , 2007, 23, 233-240.	10.1	10
142	Preparation and use of metal surface-immobilized DNA hairpins for the detection of oligonucleotides. <i>Nature Protocols</i> , 2007, 2, 2105-2110.	12.0	26
143	Characterization of the binding surface of the translocated intimin receptor, an essential protein for EPEC and EHEC cell adhesion. <i>Protein Science</i> , 2007, 16, 2677-2683.	7.6	8
144	Nonlinear Equalization for RF Receivers. , 2006, , .		0

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145	Synthesis and evaluation of the first cis-cyclobutane-containing receptor for lipid A. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3973.	2.8	10
146	A Designed Receptor for pH-Switchable Ion Binding in Water. <i>Journal of the American Chemical Society</i> , 2006, 128, 2532-2533.	13.7	22
147	Theoretical and Experimental Analysis of Arrayed Imaging Reflectometry as a Sensitive Proteomics Technique. <i>Analytical Chemistry</i> , 2006, 78, 5578-5583.	6.5	48
148	Balance of Power or the State-to-Nation Balance: Explaining Middle East War-Propensity. <i>Security Studies</i> , 2006, 15, 658-705.	0.8	10
149	Resin-Bound Dynamic Combinatorial Chemistry. <i>Organic Letters</i> , 2006, 8, 1803-1806.	4.6	60
150	Hypotrichosis with Juvenile Macular Dystrophy. <i>Ophthalmology</i> , 2006, 113, 841-847.e3.	5.2	25
151	Delayed Presentation of Orbito-Cerebral Abscess Caused by Pencil-Tip Injury. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2006, 22, 316-317.	0.8	20
152	A proteomic biosensor for enteropathogenic E. coli. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1659-1663.	10.1	66
153	Epiphora (Excessive Tearing) and Other Ocular Manifestations Related to Weekly Docetaxel: Underestimated Dose-Limiting Toxicity. <i>Medical Oncology</i> , 2006, 23, 57-62.	2.5	20
154	Design and Implementation of a Wireless (Bluetooth®) Four Channel Bio-Instrumentation Amplifier and Digital Data Acquisition Device with User-Selectable Gain, Frequency, and Driven Reference. , 2006, 2053-6.		12
155	Rapid Label-free Protein Detection Arrays on Coated Silicon Wafers. <i>Materials Research Society Symposia Proceedings</i> , 2006, 951, 7.	0.1	0
156	Haptoglobin Genotype Is a Regulator of Reverse Cholesterol Transport in Diabetes In Vitro and In Vivo. <i>Circulation Research</i> , 2006, 99, 1419-1425.	4.5	83
157	Silicon photonic bandgap biosensors. , 2005, 5926, 93.		2
158	The effects of atmospheric compensation upon gaseous plume signatures. , 2005, , .		1
159	When and How Regions Become Peaceful: Potential Theoretical Pathways to Peace1. <i>International Studies Review</i> , 2005, 7, 229-267.	1.4	39
160	Combinatorial Chemistry in the Drug Discovery Process. , 2005, , 961-1011.		0
161	Enzyme Immobilization in Porous Silicon: Quantitative Analysis of the Kinetic Parameters for Glutathione-S-transferases. <i>Analytical Chemistry</i> , 2005, 77, 1950-1956.	6.5	97
162	Sensitivity and Specificity of Metal Surface-Immobilized Molecular Beacon Biosensors. <i>Journal of the American Chemical Society</i> , 2005, 127, 7932-7940.	13.7	208

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163	Towards single-spot multianalyte molecular beacon biosensors. <i>Talanta</i> , 2005, 67, 479-485.	5.5	27
164	The Active Site Cysteine of Ubiquitin-Conjugating Enzymes Has a Significantly Elevated pKa: A Functional Implications. <i>Biochemistry</i> , 2005, 44, 16385-16391.	2.5	34
165	Self-Selection in Olefin Cross-Metathesis: The Effect of Remote Functionality. <i>Organic Letters</i> , 2005, 7, 733-736.	4.6	46
166	Cross-Correlation of Optical Microcavity Biosensor Response with Immobilized Enzyme Activity. Insights into Biosensor Sensitivity. <i>Analytical Chemistry</i> , 2005, 77, 3222-3230.	6.5	131
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