

# J Justin Gooding

## List of Publications by Year in descending order

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Version: 2024-02-01

680  
papers

32,773  
citations

4345

89  
h-index

7836

155  
g-index

704  
all docs

704  
docs citations

704  
times ranked

38050  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering regioselectivity in the hydrosilylation of alkynes using heterobimetallic dual-functional hybrid catalysts. <i>Catalysis Science and Technology</i> , 2022, 12, 226-236.	2.1	5
2	Optical Nanopore Sensors for Quantitative Analysis. <i>Nano Letters</i> , 2022, 22, 869-880.	4.5	19
3	Direct-laser writing for subnanometer focusing and single-molecule imaging. <i>Nature Communications</i> , 2022, 13, 647.	5.8	15
4	Nanorepairers Rescue Inflammation-Induced Mitochondrial Dysfunction in Mesenchymal Stem Cells ( <i>Adv. Sci.</i> 4/2022). <i>Advanced Science</i> , 2022, 9, .	5.6	0
5	Lanthanide-based $\text{Ca}^{2+}$ -Tricalcium Phosphate Upconversion Nanoparticles as an Effective Theranostic Nonviral Vectors for Image-Guided Gene Therapy. <i>Nanotheranostics</i> , 2022, 6, 306-321.	2.7	1
6	The T cell receptor displays lateral signal propagation involving non-engaged receptors. <i>Nanoscale</i> , 2022, 14, 3513-3526.	2.8	3
7	A single-Pt-atom-on-Ru-nanoparticle electrocatalyst for CO-resilient methanol oxidation. <i>Nature Catalysis</i> , 2022, 5, 231-237.	16.1	133
8	ACS Sensors Has Two New Editors. <i>ACS Sensors</i> , 2022, 7, 684-685.	4.0	0
9	Intelligent Gold Nanoparticles with Oncogenic MicroRNA-Dependent Activities to Manipulate Tumorigenic Environments for Synergistic Tumor Therapy. <i>Advanced Materials</i> , 2022, 34, e2110219.	11.1	25
10	A Transparent Semiconducting Surface for Capturing and Releasing Single Cells from a Complex Cell Mixture. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 18079-18086.	4.0	4
11	Rapid and ultrasensitive electrochemical detection of DNA methylation for ovarian cancer diagnosis. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114126.	5.3	18
12	Nanorepairers Rescue Inflammation-Induced Mitochondrial Dysfunction in Mesenchymal Stem Cells. <i>Advanced Science</i> , 2022, 9, e2103839.	5.6	23
13	Biomolecular Binding under Confinement: Statistical Predictions of Steric Influence in Absence of Long-Range Interactions. <i>ChemPhysChem</i> , 2022, 23, .	1.0	1
14	Highly efficient and stable Ru nanoparticle electrocatalyst for the hydrogen evolution reaction in alkaline conditions. <i>Catalysis Science and Technology</i> , 2022, 12, 3606-3613.	2.1	5
15	The Influence of Nanoconfinement on Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	74
16	The application of single molecule nanopore sensing for quantitative analysis. <i>Chemical Society Reviews</i> , 2022, 51, 3862-3885.	18.7	28
17	Synthetic Strategies to Enhance the Electrocatalytic Properties of Branched Metal Nanoparticles. <i>Accounts of Chemical Research</i> , 2022, 55, 1693-1702.	7.6	12
18	Understanding and modelling the magnitude of the change in current of nanopore sensors. <i>Chemical Society Reviews</i> , 2022, 51, 5757-5776.	18.7	14

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19	Feasibility of Silicon Quantum Dots as a Biomarker for the Bioimaging of Tear Film. <i>Nanomaterials</i> , 2022, 12, 1965.	1.9	6
20	Introducing Stacking Faults into Three-Dimensional Branched Nickel Nanoparticles for Improved Catalytic Activity. <i>Journal of the American Chemical Society</i> , 2022, 144, 11094-11098.	6.6	27
21	Electrocatalysis in confined space. <i>Current Opinion in Electrochemistry</i> , 2021, 25, 100644.	2.5	8
22	3D active stabilization for single-molecule imaging. <i>Nature Protocols</i> , 2021, 16, 497-515.	5.5	15
23	Confronting Racism in Chemistry Journals. <i>ACS ES&amp;T Engineering</i> , 2021, 1, 3-5.	3.7	0
24	Impact of the Coverage of Aptamers on a Nanoparticle on the Binding Equilibrium and Kinetics between Aptamer and Protein. <i>ACS Sensors</i> , 2021, 6, 538-545.	4.0	19
25	Confronting Racism in Chemistry Journals. <i>ACS ES&amp;T Water</i> , 2021, 1, 3-5.	2.3	0
26	Rapid and ultrasensitive electrochemical detection of circulating tumor DNA by hybridization on the network of gold-coated magnetic nanoparticles. <i>Chemical Science</i> , 2021, 12, 5196-5201.	3.7	53
27	2021: A Year Starting Full of Hope. <i>ACS Sensors</i> , 2021, 6, 1-2.	4.0	0
28	Building a Total Internal Reflection Microscope (TIRF) with Active Stabilization (Feedback SMLM). <i>Bio-protocol</i> , 2021, 11, e4074.	0.2	0
29	Investigating Spatial Heterogeneity of Nanoparticles Movement in Live Cells with Pair-Correlation Microscopy and Phasor Analysis. <i>Analytical Chemistry</i> , 2021, 93, 3803-3812.	3.2	4
30	Role of the Secondary Metal in Ordered and Disordered Pt <sub>3</sub> Sn Intermetallic Nanoparticles: An Example of Pt <sub>3</sub> Sn Nanocubes for the Electrocatalytic Methanol Oxidation. <i>ACS Catalysis</i> , 2021, 11, 2235-2243.	5.5	42
31	The NJ Tao We Knew. <i>ACS Sensors</i> , 2021, 6, 285-289.	4.0	0
32	Injectable hydrogel with MSNs/microRNA-21-5p delivery enables both immunomodification and enhanced angiogenesis for myocardial infarction therapy in pigs. <i>Science Advances</i> , 2021, 7, .	4.7	107
33	FRET theoretical predictions concerning freely diffusive dyes inside spherical container: how to choose the best pair?. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 275-283.	1.6	1
34	Modular immune-homeostatic microparticles promote immune tolerance in mouse autoimmune models. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	24
35	Katharina Gaus 1972–2021. <i>Nature Immunology</i> , 2021, 22, 535-536.	7.0	0
36	Can the Shape of Nanoparticles Enable the Targeting to Cancer Cells over Healthy Cells?. <i>Advanced Functional Materials</i> , 2021, 31, 2007880.	7.8	20

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37	Gold-Coated Magnetic Nanoparticles as Dispersible Electrochemical Biosensors for Ultrasensitive Biosensing. , 2021, , 59-83.		3
38	A Covalently Crosslinked Ink for Multimaterials Drop-on-Demand 3D Bioprinting of 3D Cell Cultures. Macromolecular Bioscience, 2021, 21, e2100125.	2.1	25
39	Ultrafast generation of highly crystalline graphene quantum dots from graphite paper via laser writing. Journal of Colloid and Interface Science, 2021, 594, 460-465.	5.0	18
40	Functionalized Gold Nanorod Probes: A Sophisticated Design of SERS Immunoassay for Biodetection in Complex Media. Analytical Chemistry, 2021, 93, 12954-12965.	3.2	19
41	Is Cu instability during the CO <sub>2</sub> reduction reaction governed by the applied potential or the local CO concentration?. Chemical Science, 2021, 12, 4028-4033.	3.7	42
42	Monitoring the heterogeneity in single cell responses to drugs using electrochemical impedance and electrochemical noise. Chemical Science, 2021, 12, 2558-2566.	3.7	3
43	Synthetic Bone-Like Structures Through Omnidirectional Ceramic Bioprinting in Cell Suspensions. Advanced Functional Materials, 2021, 31, 2008216.	7.8	43
44	Ultrasensitive detection of programmed death-ligand 1 (PD-L1) in whole blood using dispersible electrodes. Chemical Communications, 2021, 57, 2559-2562.	2.2	13
45	Synthesis of gold-coated magnetic conglomerate nanoparticles with a fast magnetic response for bio-sensing. Journal of Materials Chemistry C, 2021, 9, 1034-1043.	2.7	9
46	Carbon supported hybrid catalysts for controlled product selectivity in the hydrosilylation of alkynes. Catalysis Science and Technology, 2021, 11, 1888-1898.	2.1	8
47	Controlling hydrogen evolution reaction activity on Ni core-Pt island nanoparticles by tuning the size of the Pt islands. Chemical Communications, 2021, 57, 2788-2791.	2.2	8
48	Key Parameters That Determine the Magnitude of the Decrease in Current in Nanopore Blockade Sensors. Nano Letters, 2021, 21, 9374-9380.	4.5	1
49	How to exploit different endocytosis pathways to allow selective delivery of anticancer drugs to cancer cells over healthy cells. Chemical Science, 2021, 12, 15407-15417.	3.7	8
50	Zero-valent iron core-iron oxide shell nanoparticles coated with silica and gold with high saturation magnetization. Chemical Communications, 2021, 57, 13142-13145.	2.2	4
51	Spiers Memorial Lecture. Next generation nanoelectrochemistry: the fundamental advances needed for applications. Faraday Discussions, 2021, 233, 10-32.	1.6	12
52	Fundamental Science Still Needed to Drive Sensing Forward. ACS Sensors, 2021, 6, 4267-4268.	4.0	3
53	How Nanoparticles Transform Single Molecule Measurements into Quantitative Sensors. Advanced Materials, 2020, 32, e1904339.	11.1	30
54	The application of personal glucose meters as universal point-of-care diagnostic tools. Biosensors and Bioelectronics, 2020, 148, 111835.	5.3	66

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55	The importance of nanoscale confinement to electrocatalytic performance. <i>Chemical Science</i> , 2020, 11, 1233-1240.	3.7	39
56	Optical tweezers-based characterisation of gold core-satellite plasmonic nano-assemblies incorporating thermo-responsive polymers. <i>Nanoscale</i> , 2020, 12, 1680-1687.	2.8	19
57	Paper-Based Ratiometric Fluorescence Analytical Devices towards Point-of-Care Testing of Human Serum Albumin. <i>Angewandte Chemie</i> , 2020, 132, 3155-3160.	1.6	112
58	Paper-Based Ratiometric Fluorescence Analytical Devices towards Point-of-Care Testing of Human Serum Albumin. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3131-3136.	7.2	146
59	Heterojunctions Based on Amorphous Silicon: A Versatile Surface Engineering Strategy To Tune Peak Position of Redox Monolayers on Photoelectrodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 836-844.	1.5	15
60	A modular design strategy to integrate mechanotransduction concepts in scaffold-based bone tissue engineering. <i>Acta Biomaterialia</i> , 2020, 118, 100-112.	4.1	23
61	Single particle detection of protein molecules using dark-field microscopy to avoid signals from nonspecific adsorption. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112612.	5.3	13
62	Confronting Racism in Chemistry Journals. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 559-561.	2.5	0
63	Confronting Racism in Chemistry Journals. <i>Biochemistry</i> , 2020, 59, 2313-2315.	1.2	0
64	Changes to the Editorial Team at ACS Sensors. <i>ACS Sensors</i> , 2020, 5, 1501-1502.	4.0	0
65	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2707-2708.	2.6	0
66	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Central Science</i> , 2020, 6, 589-590.	5.3	0
67	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Chemical Biology</i> , 2020, 15, 1282-1283.	1.6	0
68	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1196-1197.	1.7	0
69	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 672-673.	1.2	0
70	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Energy Letters</i> , 2020, 5, 1610-1611.	8.8	1
71	Update to Our Reader, Reviewer, and Author Communities-April 2020. <i>ACS Macro Letters</i> , 2020, 9, 666-667.	2.3	0
72	Update to Our Reader, Reviewer, and Author Communities-April 2020. , 2020, 2, 563-564.		0

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73	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
74	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
75	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
76	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
77	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
78	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
79	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
80	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
81	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
82	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
83	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
84	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
85	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
86	Sensors and Industry Virtual Issue. ACS Sensors, 2020, 5, 3293-3294.	4.0	1
87	Porous Graphene Oxide Films Prepared via the Breath-Figure Method: A Simple Strategy for Switching Access of Redox Species to an Electrode Surface. ACS Applied Materials & Interfaces, 2020, 12, 55181-55188.	4.0	11
88	A 3D Bioprinter Specifically Designed for the High-Throughput Production of Matrix-Embedded Multicellular Spheroids. IScience, 2020, 23, 101621.	1.9	50
89	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
90	Harnessing silicon facet-dependent conductivity to enhance the direct-current produced by a sliding Schottky diode triboelectric nanogenerator. Nano Energy, 2020, 78, 105210.	8.2	37

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91	Confronting Racism in Chemistry Journals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5279-5281.	2.1	1
92	Confronting Racism in Chemistry Journals. <i>ACS Applied Energy Materials</i> , 2020, 3, 6016-6018.	2.5	0
93	Confronting Racism in Chemistry Journals. <i>ACS Central Science</i> , 2020, 6, 1012-1014.	5.3	1
94	Confronting Racism in Chemistry Journals. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 11915-11917.	1.8	0
95	Electrostatic Regulation of TEMPO Oxidation by Distal Molecular Charges. <i>ChemElectroChem</i> , 2020, 7, 3522-3527.	1.7	1
96	Confronting Racism in Chemistry Journals. <i>Journal of Natural Products</i> , 2020, 83, 2057-2059.	1.5	0
97	Confronting Racism in Chemistry Journals. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1354-1356.	1.3	0
98	Elliptical supra-cellular topographies regulate stem cells migratory pattern and osteogenic differentiation. <i>Materialia</i> , 2020, 14, 100870.	1.3	4
99	Confronting Racism in Chemistry Journals. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1321-1323.	1.2	1
100	Confronting Racism in Chemistry Journals. <i>Energy &amp; Fuels</i> , 2020, 34, 7771-7773.	2.5	0
101	Controlling the Number of Branches and Surface Facets of Pd@Core Ru@Branched Nanoparticles to Make Highly Active Oxygen Evolution Reaction Electrocatalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 15501-15504.	1.7	5
102	Confronting Racism in Chemistry Journals. <i>ACS Sensors</i> , 2020, 5, 1858-1860.	4.0	0
103	Confronting Racism in Chemistry Journals. <i>ACS Nano</i> , 2020, 14, 7675-7677.	7.3	2
104	Treatment of infarcted heart tissue via the capture and local delivery of circulating exosomes through antibody-conjugated magnetic nanoparticles. <i>Nature Biomedical Engineering</i> , 2020, 4, 1063-1075.	11.6	161
105	Surface Patterning of Biomolecules Using Click Chemistry and Light-Activated Electrochemistry to Locally Generate Cu(I). <i>ChemElectroChem</i> , 2020, 7, 4245-4250.	1.7	3
106	Selectively detecting attomolar concentrations of proteins using gold lined nanopores in a nanopore blockade sensor. <i>Chemical Science</i> , 2020, 11, 12570-12579.	3.7	25
107	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Biochemistry</i> , 2020, 59, 1641-1642.	1.2	0
108	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 2253-2254.	1.0	0

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109	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
110	A New Year Period Emphasizing the Need for Better Sensors. ACS Sensors, 2020, 5, 597-598.	4.0	5
111	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
113	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
114	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
115	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0
116	Tuning of the Aggregation Behavior of Fluorinated Polymeric Nanoparticles for Improved Therapeutic Efficacy. ACS Nano, 2020, 14, 7425-7434.	7.3	31
117	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
118	High-resolution light-activated electrochemistry on amorphous silicon-based photoelectrodes. Chemical Communications, 2020, 56, 7435-7438.	2.2	9
119	Facettierte verzweigte Nickelâ€™Nanopartikel mit variierbarer VerzweigungsL\u00e4nge f\u00fcr die hochaktive elektrokatalytische Oxidation von Biomasse. Angewandte Chemie, 2020, 132, 15615-15620.	1.6	18
120	Update to Our Reader, Reviewer, and Author Communitiesâ€™April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
121	Virus Detection: What Were We Doing before COVID-19 Changed the World?. ACS Sensors, 2020, 5, 1503-1504.	4.0	2
122	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
123	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
124	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
125	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
126	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0



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127	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
128	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
129	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
130	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
131	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
132	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
133	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
134	Update to Our Reader, Reviewer, and Author Communitiesâ€”April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
135	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
136	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13
137	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
138	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
139	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
140	CRISPR Mediated Biosensing Toward Understanding Cellular Biology and Pointâ€”ofâ€”Care Diagnosis. Angewandte Chemie, 2020, 132, 20938-20950.	1.6	27
141	CRISPR Mediated Biosensing Toward Understanding Cellular Biology and Pointâ€”ofâ€”Care Diagnosis. Angewandte Chemie - International Edition, 2020, 59, 20754-20766.	7.2	138
142	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
143	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
144	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0

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145	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
146	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
147	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
148	Nanoparticles as contrast agents for the diagnosis of Alzheimer's disease: a systematic review. Nanomedicine, 2020, 15, 725-743.	1.7	26
149	Increasing the Formation of Active Sites on Highly Crystalline Co Branched Nanoparticles for Improved Oxygen Evolution Reaction Electrocatalysis. ChemCatChem, 2020, 12, 3126-3131.	1.8	6
150	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
151	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
152	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
153	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
154	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
155	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
156	Update to Our Reader, Reviewer, and Author Communities"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0
157	Update to Our Reader, Reviewer, and Author Communities"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
158	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
159	Update to Our Reader, Reviewer, and Author Communities"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
160	Update to Our Reader, Reviewer, and Author Communities"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
161	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
162	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0

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163	Evaluating the sensing performance of nanopore blockade sensors: A case study of prostate-specific antigen assay. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112434.	5.3	12
164	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Bioconjugate Chemistry</i> , 2020, 31, 1211-1212.	1.8	0
165	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Chemical Health and Safety</i> , 2020, 27, 133-134.	1.1	0
166	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Chemical Research in Toxicology</i> , 2020, 33, 1509-1510.	1.7	0
167	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Energy &amp; Fuels</i> , 2020, 34, 5107-5108.	2.5	0
168	Happy 5th Anniversary for ACS Sensors. <i>ACS Sensors</i> , 2020, 5, 1-2.	4.0	0
169	Zero valent iron coreâ€™iron oxide shell nanoparticles as small magnetic particle imaging tracers. <i>Chemical Communications</i> , 2020, 56, 3504-3507.	2.2	22
170	Recent Advances and a Roadmap to Wearable UV Sensor Technologies. <i>Advanced Materials Technologies</i> , 2020, 5, 1901036.	3.0	78
171	Preserving the Exposed Facets of Pt <sub>3</sub> Sn Intermetallic Nanocubes During an Order to Disorder Transition Allows the Elucidation of the Effect of the Degree of Alloy Ordering on Electrocatalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 3231-3239.	6.6	57
172	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Applied Bio Materials</i> , 2020, 3, 2873-2874.	2.3	0
173	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Organic Chemistry</i> , 2020, 85, 5751-5752.	1.7	0
174	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1006-1007.	1.2	0
175	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Accounts of Chemical Research</i> , 2020, 53, 1001-1002.	7.6	0
176	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Biomacromolecules</i> , 2020, 21, 1966-1967.	2.6	0
177	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Chemical Reviews</i> , 2020, 120, 3939-3940.	23.0	0
178	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5307-5308.	4.6	0
179	Patterned Molecular Films of Alkanethiol and PLL-PEG on Goldâ€™Silicate Interfaces: How to Add Functionalities while Retaining Effective Antifouling. <i>Langmuir</i> , 2020, 36, 5243-5250.	1.6	9
180	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Langmuir</i> , 2020, 36, 4565-4566.	1.6	0

#	ARTICLE	IF	CITATIONS
181	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Molecular Pharmaceutics</i> , 2020, 17, 1445-1446.	2.3	0
182	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Infectious Diseases</i> , 2020, 6, 891-892.	1.8	0
183	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Crystal Growth and Design</i> , 2020, 20, 2817-2818.	1.4	1
184	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4409-4410.	2.9	0
185	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3501-3502.	1.1	0
186	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Nano Letters</i> , 2020, 20, 2935-2936.	4.5	0
187	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>ACS Sensors</i> , 2020, 5, 1251-1252.	4.0	0
188	Metalâ€“Organic Framework-Enhanced Solid-Phase Microextraction Mass Spectrometry for the Direct and Rapid Detection of Perfluorooctanoic Acid in Environmental Water Samples. <i>Analytical Chemistry</i> , 2020, 92, 6900-6908.	3.2	41
189	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 2651-2652.	2.5	0
190	Remembering NJ. <i>ACS Sensors</i> , 2020, 5, 887-888.	4.0	0
191	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 8509-8510.	1.8	0
192	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Journal of the American Chemical Society</i> , 2020, 142, 8059-8060.	6.6	3
193	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Inorganic Chemistry</i> , 2020, 59, 5796-5797.	1.9	0
194	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Organometallics</i> , 2020, 39, 1665-1666.	1.1	0
195	Update to Our Reader, Reviewer, and Author Communitiesâ€™ April 2020. <i>Organic Letters</i> , 2020, 22, 3307-3308.	2.4	0
196	Spatially localized electrodeposition of multiple metals <i>via</i> light-activated electrochemistry for surface enhanced Raman spectroscopy applications. <i>Chemical Communications</i> , 2020, 56, 5831-5834.	2.2	3
197	Ultraprecise single-molecule localization microscopy enables in situ distance measurements in intact cells. <i>Science Advances</i> , 2020, 6, eaay8271.	4.7	49
198	Functionalized Silicon Electrodes in Electrochemistry. <i>Annual Review of Analytical Chemistry</i> , 2020, 13, 135-158.	2.8	17

#	ARTICLE	IF	CITATIONS
199	Faceted Branched Nickel Nanoparticles with Tunable Branch Length for High Activity Electrocatalytic Oxidation of Biomass. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15487-15491.	7.2	83
200	Controlling Pt Crystal Defects on the Surface of Ni@Pt Core-Shell Nanoparticles for Active and Stable Electrocatalysts for Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2020, 3, 5995-6000.	2.4	15
201	Confronting Racism in Chemistry Journals. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3690-3692.	2.6	1
202	Confronting Racism in Chemistry Journals. <i>ACS Omega</i> , 2020, 5, 14857-14859.	1.6	1
203	Confronting Racism in Chemistry Journals. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1774-1776.	2.0	0
204	Confronting Racism in Chemistry Journals. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6941-6943.	2.4	0
205	Confronting Racism in Chemistry Journals. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 961-963.	1.2	0
206	Confronting Racism in Chemistry Journals. <i>Environmental Science and Technology Letters</i> , 2020, 7, 447-449.	3.9	0
207	Confronting Racism in Chemistry Journals. <i>ACS Combinatorial Science</i> , 2020, 22, 327-329.	3.8	0
208	Confronting Racism in Chemistry Journals. <i>ACS Infectious Diseases</i> , 2020, 6, 1529-1531.	1.8	0
209	Confronting Racism in Chemistry Journals. <i>ACS Applied Bio Materials</i> , 2020, 3, 3925-3927.	2.3	0
210	Confronting Racism in Chemistry Journals. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14069-14071.	1.5	0
211	Confronting Racism in Chemistry Journals. <i>ACS Macro Letters</i> , 2020, 9, 1004-1006.	2.3	0
212	Confronting Racism in Chemistry Journals. <i>Molecular Pharmaceutics</i> , 2020, 17, 2229-2231.	2.3	1
213	Confronting Racism in Chemistry Journals. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1852-1854.	1.7	1
214	Confronting Racism in Chemistry Journals. <i>ACS Photonics</i> , 2020, 7, 1586-1588.	3.2	0
215	Confronting Racism in Chemistry Journals. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7735-7737.	4.6	0
216	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , 2020, 27, 198-200.	1.1	0

#	ARTICLE	IF	CITATIONS
217	Forming Ferrocenyl Self-Assembled Monolayers on Si(100) Electrodes with Different Alkyl Chain Lengths for Electron Transfer Studies. <i>ChemElectroChem</i> , 2019, 6, 211-220.	1.7	18
218	Synthesis of low- and high-index faceted metal (Pt, Pd, Ru, Ir, Rh) nanoparticles for improved activity and stability in electrocatalysis. <i>Nanoscale</i> , 2019, 11, 18995-19011.	2.8	110
219	Observing the Reversible Single Molecule Electrochemistry of Alexa Fluor 647 Dyes by Total Internal Reflection Fluorescence Microscopy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14495-14498.	7.2	15
220	Expanding Your Editorial Team. <i>ACS Sensors</i> , 2019, 4, 1730-1730.	4.0	0
221	The impact of nanoparticle shape on cellular internalisation and transport: what do the different analysis methods tell us?. <i>Materials Horizons</i> , 2019, 6, 1538-1547.	6.4	97
222	Review of Carbon and Graphene Quantum Dots for Sensing. <i>ACS Sensors</i> , 2019, 4, 1732-1748.	4.0	660
223	Advances in the Application of Magnetic Nanoparticles for Sensing. <i>Advanced Materials</i> , 2019, 31, e1904385.	11.1	234
224	Finally, a simple solution to biofouling. <i>Nature Nanotechnology</i> , 2019, 14, 1089-1090.	15.6	30
225	Observing the Reversible Single Molecule Electrochemistry of Alexa Fluor 647 Dyes by Total Internal Reflection Fluorescence Microscopy. <i>Angewandte Chemie</i> , 2019, 131, 14637-14640.	1.6	5
226	Controlling Metallic Nanoparticle Redox Properties for Improved Methanol Oxidation Reaction Electrocatalysis. <i>ChemCatChem</i> , 2019, 11, 5989-5993.	1.8	4
227	Cascade Reactions in Nanozymes: Spatially Separated Active Sites inside Ag-Core@Porous-Cu-Shell Nanoparticles for Multistep Carbon Dioxide Reduction to Higher Organic Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 14093-14097.	6.6	139
228	Can Nanozymes Have an Impact on Sensing?. <i>ACS Sensors</i> , 2019, 4, 2213-2214.	4.0	22
229	Direct Growth of Highly Strained Pt Islands on Branched Ni Nanoparticles for Improved Hydrogen Evolution Reaction Activity. <i>Journal of the American Chemical Society</i> , 2019, 141, 16202-16207.	6.6	113
230	Amorphous silicon on indium tin oxide: a transparent electrode for simultaneous light activated electrochemistry and optical microscopy. <i>Chemical Communications</i> , 2019, 55, 123-126.	2.2	15
231	Having a Whale of a Time with Sensors. <i>ACS Sensors</i> , 2019, 4, 1-1.	4.0	0
232	Lighting Up Biosensors: Now and the Decade To Come. <i>Analytical Chemistry</i> , 2019, 91, 8732-8738.	3.2	50
233	Light-addressable electrochemistry at semiconductor electrodes: redox imaging, mask-free lithography and spatially resolved chemical and biological sensing. <i>Chemical Society Reviews</i> , 2019, 48, 3723-3739.	18.7	49
234	Editors as Custodians of Your Journal. <i>ACS Sensors</i> , 2019, 4, 1118-1118.	4.0	0

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235	Intrinsic and well-defined second generation hot spots in gold nanobipyramids <i>versus</i> gold nanorods. <i>Chemical Communications</i> , 2019, 55, 7707-7710.	2.2	24
236	Nanopore blockade sensors for ultrasensitive detection of proteins in complex biological samples. <i>Nature Communications</i> , 2019, 10, 2109.	5.8	114
237	Microwave-assisted synthesis of black phosphorus quantum dots: efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12974-12978.	5.2	56
238	What Does Ultrasensitive Really Mean?. <i>ACS Sensors</i> , 2019, 4, 528-528.	4.0	9
239	Understanding the performance of a paper-based UV exposure sensor: The photodegradation mechanism of brilliant blue FCF in the presence of TiO <sub>2</sub> photocatalysts in both the solid state and solution. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1076-1083.	0.7	3
240	Electrochemistry on Tribocharged Polymers Is Governed by the Stability of Surface Charges Rather than Charging Magnitude. <i>Journal of the American Chemical Society</i> , 2019, 141, 5863-5870.	6.6	47
241	Formation of Branched Ruthenium Nanoparticles for Improved Electrocatalysis of Oxygen Evolution Reaction. <i>Small</i> , 2019, 15, e1804577.	5.2	54
242	Screen-printable films of graphene/CoS <sub>2</sub> /Ni <sub>3</sub> S <sub>4</sub> composites for the fabrication of flexible and arbitrary-shaped all-solid-state hybrid supercapacitors. <i>Carbon</i> , 2019, 146, 557-567.	5.4	72
243	<i>In My Element</i> : Gold. <i>Chemistry - A European Journal</i> , 2019, 25, 5335-5336.	1.7	2
244	The use of a personal glucose meter for detecting procalcitonin through glucose encapsulated within liposomes. <i>Analyst</i> , 2019, 144, 6225-6230.	1.7	18
245	So Long and Thanks for All (the Information from) the Fish. <i>ACS Sensors</i> , 2019, 4, 2555-2555.	4.0	0
246	tagPAINT: covalent labelling of genetically encoded protein tags for DNA-PAINT imaging. <i>Royal Society Open Science</i> , 2019, 6, 191268.	1.1	17
247	Characterization of functionalized glass and indium tin oxide surfaces as substrates for super-resolution microscopy. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 034003.	1.3	2
248	Challenges and Solutions in Developing Ultrasensitive Biosensors. <i>Journal of the American Chemical Society</i> , 2019, 141, 1162-1170.	6.6	200
249	Micropatterning of porous silicon Bragg reflectors with poly(ethylene glycol) to fabricate cell microarrays: Towards single cell sensing. <i>Biosensors and Bioelectronics</i> , 2019, 127, 229-235.	5.3	18
250	Simultaneous Functionalization of Carbon Surfaces with Rhodium and Iridium Organometallic Complexes: Hybrid Bimetallic Catalysts for Hydroamination. <i>Organometallics</i> , 2019, 38, 780-787.	1.1	17
251	Enhanced colloidal stability and protein resistance of layered double hydroxide nanoparticles with phosphonic acid-terminated PEG coating for drug delivery. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 242-251.	5.0	62
252	Locked nucleic acid molecular beacon for multiplex detection of loop mediated isothermal amplification. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 255-263.	4.0	38

#	ARTICLE	IF	CITATIONS
253	An Exciting Year Ahead for ACS Sensors. ACS Sensors, 2018, 3, 1-2.	4.0	1
254	A flexible polyaniline-based bioelectronic patch. Biomaterials Science, 2018, 6, 493-500.	2.6	23
255	Dual Signaling DNA Electrochemistry: An Approach To Understand DNA Interfaces. Langmuir, 2018, 34, 1249-1255.	1.6	16
256	Thermoresponsive plasmonic core-satellite nanostructures with reversible, temperature sensitive optical properties. Nanoscale, 2018, 10, 4284-4290.	2.8	29
257	Electrochemical Microscopy Based on Spatial Light Modulators: A Projection System to Spatially Address Electrochemical Reactions at Semiconductors. Journal of the Electrochemical Society, 2018, 165, H3085-H3092.	1.3	37
258	Antimicrobial activity of T4 bacteriophage conjugated indium tin oxide surfaces. Journal of Colloid and Interface Science, 2018, 514, 227-233.	5.0	6
259	Flexible fiber-shaped non-enzymatic sensors with a graphene-metal heterostructure based on graphene fibres decorated with gold nanosheets. Carbon, 2018, 136, 329-336.	5.4	61
260	A Glimpse into the Future of Sensing. ACS Sensors, 2018, 3, 519-519.	4.0	1
261	Cesium compounds as interface modifiers for stable and efficient perovskite solar cells. Solar Energy Materials and Solar Cells, 2018, 174, 172-186.	3.0	44
262	Porous Silicon: Vertical Integration of Cell-Laden Hydrogels with Bioinspired Photonic Crystal Membranes (Adv. Mater. Interfaces 23/2018). Advanced Materials Interfaces, 2018, 5, 1870115.	1.9	0
263	Nanocrystal Inks: Photoelectrochemical Printing of Cu <sub>2</sub> O Nanocrystals on Silicon with 2D Control on Polyhedral Shapes. Advanced Functional Materials, 2018, 28, 1804791.	7.8	24
264	Light-Addressable Ion Sensing for Real-Time Monitoring of Extracellular Potassium. Angewandte Chemie, 2018, 130, 17043-17047.	1.6	3
265	Light-Addressable Ion Sensing for Real-Time Monitoring of Extracellular Potassium. Angewandte Chemie - International Edition, 2018, 57, 16801-16805.	7.2	31
266	Optimising porous silicon Bragg reflectors for narrow spectral resonances. Journal of Applied Physics, 2018, 124, 163103.	1.1	6
267	Nanopores for Sensing. ACS Sensors, 2018, 3, 2471-2472.	4.0	4
268	Remembering Some of the Giants of Biosensing. ACS Sensors, 2018, 3, 2198-2199.	4.0	0
269	What Is a "Real Sample"? ACS Sensors, 2018, 3, 1609-1609.	4.0	15
270	Electrocatalytic Nanoparticles That Mimic the Three-Dimensional Geometric Architecture of Enzymes: Nanozymes. Journal of the American Chemical Society, 2018, 140, 13449-13455.	6.6	72



#	ARTICLE	IF	CITATIONS
271	Cubic-Core Hexagonal-Branch Mechanism To Synthesize Bimetallic Branched and Faceted Pd@Ru Nanoparticles for Oxygen Evolution Reaction Electrocatalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 12760-12764.	6.6	82
272	Reversible Thermoresponsive Plasmonic Core@Satellite Nanostructures That Exhibit Both Expansion and Contraction (UCST and LCST). <i>Macromolecular Rapid Communications</i> , 2018, 39, 1800451.	2.0	23
273	Ultrafast fabrication of high-aspect-ratio macropores in P-type silicon: toward the mass production of microdevices. <i>Materials Research Letters</i> , 2018, 6, 648-654.	4.1	11
274	Biodegradable 2D Fe@Al Hydroxide for Nanocatalytic Tumor-Dynamic Therapy with Tumor Specificity. <i>Advanced Science</i> , 2018, 5, 1801155.	5.6	100
275	Vertical Integration of Cell-Laden Hydrogels with Bioinspired Photonic Crystal Membranes. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801233.	1.9	2
276	Imaging of Tear Film Lipids Using Quantum Dots. , 2018, , .		0
277	DNA-Hybridization Detection on Si(100) Surfaces Using Light-Activated Electrochemistry: A Comparative Study between Bovine Serum Albumin and Hexaethylene Glycol as Antifouling Layers. <i>Langmuir</i> , 2018, 34, 14817-14824.	1.6	12
278	Minimum information reporting in bio-nano experimental literature. <i>Nature Nanotechnology</i> , 2018, 13, 777-785.	15.6	455
279	Understanding the Effect of Au in Au@Pd Bimetallic Nanocrystals on the Electrocatalysis of the Methanol Oxidation Reaction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 21718-21723.	1.5	43
280	Rod-shaped mesoporous silica nanoparticles for nanomedicine: recent progress and perspectives. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 881-892.	2.4	55
281	The Impact of the Position of the Redox Label on Charge Transfer and Hybridization Efficiency at DNA Interfaces. <i>Electroanalysis</i> , 2018, 30, 1529-1535.	1.5	10
282	Realizing 11.3% efficiency in PffBT4T-2OD fullerene organic solar cells via superior charge extraction at interfaces. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	9
283	A rapid readout for many single plasmonic nanoparticles using dark-field microscopy and digital color analysis. <i>Biosensors and Bioelectronics</i> , 2018, 117, 530-536.	5.3	41
284	First Impact Factor for ACS Sensors - 5.711. <i>ACS Sensors</i> , 2018, 3, 1218-1219.	4.0	0
285	Ultralow- and Low-Background Surfaces for Single-Molecule Localization Microscopy of Multistep Biointerfaces for Single-Molecule Sensing. <i>Langmuir</i> , 2018, 34, 10012-10018.	1.6	14
286	Pd@Ru core-shell nanoparticles with tunable shell thickness for active and stable oxygen evolution performance. <i>Nanoscale</i> , 2018, 10, 15173-15177.	2.8	42
287	High F-Content Perfluoropolyether-Based Nanoparticles for Targeted Detection of Breast Cancer by <sup>19</sup> F Magnetic Resonance and Optical Imaging. <i>ACS Nano</i> , 2018, 12, 9162-9176.	7.3	98
288	Nucleic acid hybridization on an electrically reconfigurable network of gold-coated magnetic nanoparticles enables microRNA detection in blood. <i>Nature Nanotechnology</i> , 2018, 13, 1066-1071.	15.6	244

#	ARTICLE	IF	CITATIONS
289	Systematic review of the impact of point-of-care testing for influenza on the outcomes of patients with acute respiratory tract infection. <i>Reviews in Medical Virology</i> , 2018, 28, e1995.	3.9	56
290	Synthesis, optical properties and theoretical modelling of discrete emitting states in doped silicon nanocrystals for bioimaging. <i>Nanoscale</i> , 2018, 10, 15600-15607.	2.8	13
291	Monolayer surface chemistry enables 2-colour single molecule localisation microscopy of adhesive ligands and adhesion proteins. <i>Nature Communications</i> , 2018, 9, 3320.	5.8	13
292	Core-Satellite Mesoporous Silica-Gold Nanotheranostics for Biological Stimuli Triggered Multimodal Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1801961.	7.8	88
293	Three-Dimensional Branched and Faceted Gold-Ruthenium Nanoparticles: Using Nanostructure to Improve Stability in Oxygen Evolution Electrocatalysis. <i>Angewandte Chemie</i> , 2018, 130, 10398-10402.	1.6	21
294	A photoelectrochemical platform for the capture and release of rare single cells. <i>Nature Communications</i> , 2018, 9, 2288.	5.8	68
295	A graphene-based sensor for real time monitoring of sun exposure. <i>Carbon</i> , 2018, 138, 215-218.	5.4	6
296	Three-Dimensional Branched and Faceted Gold-Ruthenium Nanoparticles: Using Nanostructure to Improve Stability in Oxygen Evolution Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10241-10245.	7.2	83
297	Biomolecule Attachment to Porous Silicon. , 2018, , 1027-1050.		0
298	Solution Synthesis, Surface Passivation, Optical Properties, Biomedical Applications, and Cytotoxicity of Silicon and Germanium Nanocrystals. <i>ChemPlusChem</i> , 2017, 82, 60-73.	1.3	43
299	Welcome to the First Anniversary Issue of <i>ACS Sensors</i> . <i>ACS Sensors</i> , 2017, 2, 1-2.	4.0	0
300	Colloidal silicon quantum dots: from preparation to the modification of self-assembled monolayers for bioimaging and sensing applications. , 2017, , .		3
301	Coupled Thermodynamic and Kinetic Changes in the Electrochemistry of Ferrocenyl Monolayers Induced by Light. <i>Langmuir</i> , 2017, 33, 2497-2503.	1.6	13
302	Wafer-scale fabrication of a Cu/graphene double-nanocap array for surface-enhanced Raman scattering substrates. <i>Chemical Communications</i> , 2017, 53, 3273-3276.	2.2	14
303	Single-molecule electrical contacts on silicon electrodes under ambient conditions. <i>Nature Communications</i> , 2017, 8, 15056.	5.8	93
304	Reflecting on How <i>ACS Sensors</i> Can Help Advance the Field of Sensing. <i>ACS Sensors</i> , 2017, 2, 455-456.	4.0	0
305	Iridium(III) homo- and heterogeneous catalysed hydrogen borrowing C-N bond formation. <i>Green Chemistry</i> , 2017, 19, 3142-3151.	4.6	36
306	Role of Surface Capping Molecule Polarity on the Optical Properties of Solution Synthesized Germanium Nanocrystals. <i>Langmuir</i> , 2017, 33, 8790-8798.	1.6	4

#	ARTICLE	IF	CITATIONS
307	A FRET sensor enables quantitative measurements of membrane charges in live cells. <i>Nature Biotechnology</i> , 2017, 35, 363-370.	9.4	52
308	A balance-in-a-box: an integrated paper-based weighing balance for infant birth weight determination. <i>Analytical Methods</i> , 2017, 9, 66-75.	1.3	7
309	Simultaneous impedance spectroscopy and fluorescence microscopy for the real-time monitoring of the response of cells to drugs. <i>Chemical Science</i> , 2017, 8, 1831-1840.	3.7	26
310	T4 bacteriophage conjugated magnetic particles for E. coli capturing: Influence of bacteriophage loading, temperature and tryptone. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 151, 47-57.	2.5	18
311	Recent advances in the molecular level modification of electrodes for bioelectrochemistry. <i>Current Opinion in Electrochemistry</i> , 2017, 5, 203-210.	2.5	9
312	Size and shape evolution of highly magnetic iron nanoparticles from successive growth reactions. <i>Chemical Communications</i> , 2017, 53, 11548-11551.	2.2	22
313	Should There Be Minimum Information Reporting Standards for Sensors?. <i>ACS Sensors</i> , 2017, 2, 1377-1379.	4.0	3
314	August 2017: Two Years of Submissions. <i>ACS Sensors</i> , 2017, 2, 1068-1069.	4.0	0
315	Real-Time Bioimpedance Sensing of Antifibrotic Drug Action in Primary Human Cells. <i>ACS Sensors</i> , 2017, 2, 1482-1490.	4.0	21
316	Modular photo-induced RAFT polymerised hydrogels via thiol-ene click chemistry for 3D cell culturing. <i>Polymer Chemistry</i> , 2017, 8, 6123-6133.	1.9	18
317	Light-activated electrochemistry without surface-bound redox species. <i>Electrochimica Acta</i> , 2017, 251, 250-255.	2.6	13
318	Role of fullerene electron transport layer on the morphology and optoelectronic properties of perovskite solar cells. <i>Organic Electronics</i> , 2017, 50, 279-289.	1.4	34
319	How Do I Get My Paper to Stand Out and Be Noticed?. <i>ACS Sensors</i> , 2017, 2, 1546-1546.	4.0	0
320	Versatile Fabrication Approach of Conductive Hydrogels via Copolymerization with Vinyl Monomers. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44124-44133.	4.0	27
321	A Potentiometric Sensor for pH Monitoring with an Integrated Electrochromic Readout on Paper. <i>Australian Journal of Chemistry</i> , 2017, 70, 979.	0.5	18
322	Hydrogen evolution during the electrodeposition of gold nanoparticles at Si(100) photoelectrodes impairs the analysis of current-time transients. <i>Electrochimica Acta</i> , 2017, 247, 200-206.	2.6	16
323	Towards single molecule biosensors using super-resolution fluorescence microscopy. <i>Biosensors and Bioelectronics</i> , 2017, 93, 1-8.	5.3	27
324	Aryldiazonium salt derived mixed organic layers: From surface chemistry to their applications. <i>Journal of Electroanalytical Chemistry</i> , 2017, 785, 265-278.	1.9	61

#	ARTICLE	IF	CITATIONS
325	Pair correlation microscopy reveals the role of nanoparticle shape in intracellular transport and site of drug release. <i>Nature Nanotechnology</i> , 2017, 12, 81-89.	15.6	295
326	Sensors in China. <i>ACS Sensors</i> , 2017, 2, 1753-1754.	4.0	1
327	Reproducible flaws unveil electrostatic aspects of semiconductor electrochemistry. <i>Nature Communications</i> , 2017, 8, 2066.	5.8	68
328	Spatially confined electrochemical activity at a non-patterned semiconductor electrode. <i>Electrochimica Acta</i> , 2017, 242, 240-246.	2.6	12
329	Protease sensing using nontoxic silicon quantum dots. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	13
330	Can single molecule localization microscopy be used to map closely spaced RGD nanodomains?. <i>PLoS ONE</i> , 2017, 12, e0180871.	1.1	9
331	Effects of Surface Epitope Coverage on the Sensitivity of Displacement Assays that Employ Modified Nanoparticles: Using Bisphenol A as a Model Analyte. <i>Biosensors</i> , 2016, 6, 43.	2.3	3
332	TEMPO Monolayers on Si(100) Electrodes: Electrostatic Effects by the Electrolyte and Semiconductor Space-Charge on the Electroactivity of a Persistent Radical. <i>Journal of the American Chemical Society</i> , 2016, 138, 9611-9619.	6.6	64
333	Scanning Electrochemical Microscopy of Cytochrome c Peroxidase through the Orientation-Controlled Immobilisation of Cytochrome c. <i>ChemElectroChem</i> , 2016, 3, 1150-1156.	1.7	3
334	A Comparison of Differently Synthesized Gold-coated Magnetic Nanoparticles as Dispersible Electrodes™. <i>Electroanalysis</i> , 2016, 28, 431-438.	1.5	13
335	Carbon-Quantum-Dots-Loaded Mesoporous Silica Nanocarriers with pH-Switchable Zwitterionic Surface and Enzyme-Responsive Pore-Cap for Targeted Imaging and Drug Delivery to Tumor. <i>Advanced Healthcare Materials</i> , 2016, 5, 1401-1407.	3.9	68
336	Unclonable Plasmonic Security Labels Achieved by Shadow-Mask-Lithography-Assisted Self-Assembly. <i>Advanced Materials</i> , 2016, 28, 2330-2336.	11.1	110
337	From single cells to single molecules: general discussion. <i>Faraday Discussions</i> , 2016, 193, 141-170.	1.6	4
338	A conducting polymer with enhanced electronic stability applied in cardiac models. <i>Science Advances</i> , 2016, 2, e1601007.	4.7	173
339	Electrochemistry of single nanoparticles: general discussion. <i>Faraday Discussions</i> , 2016, 193, 387-413.	1.6	13
340	Nanopores: general discussion. <i>Faraday Discussions</i> , 2016, 193, 507-531.	1.6	1
341	Adsorption of T4 bacteriophages on planar indium tin oxide surface via controlled surface tailoring. <i>Journal of Colloid and Interface Science</i> , 2016, 468, 192-199.	5.0	12
342	Should ACS Sensors Publish Papers on Fluorescent Sensors for Metal Ions at All?. <i>ACS Sensors</i> , 2016, 1, 324-325.	4.0	2

#	ARTICLE	IF	CITATIONS
343	Paper-Based Sensor for Monitoring Sun Exposure. ACS Sensors, 2016, 1, 775-780.	4.0	60
344	Simple Method for Tuning the Optical Properties of Thermo-responsive Plasmonic Nanogels. ACS Macro Letters, 2016, 5, 626-630.	2.3	44
345	Gold coated magnetic nanoparticles: from preparation to surface modification for analytical and biomedical applications. Chemical Communications, 2016, 52, 7528-7540.	2.2	188
346	An antifouling electrode based on electrodeposited organic layers versus self-assembled monolayers. Journal of Electroanalytical Chemistry, 2016, 779, 229-235.	1.9	29
347	Zellzählung mittels Einzelobjektelektrochemie. Angewandte Chemie, 2016, 128, 13148-13150.	1.6	6
348	Abbreviations in Scientific Writing: Friend or Foe. ACS Sensors, 2016, 1, 1084-1084.	4.0	1
349	Targeted Drug Delivery: Carbon-Dots-Loaded Mesoporous Silica Nanocarriers with pH-Switchable Zwitterionic Surface and Enzyme-Responsive Pore-Cap for Targeted Imaging and Drug Delivery to Tumor (Adv. Healthcare Mater. 12/2016). Advanced Healthcare Materials, 2016, 5, 1380-1380.	3.9	10
350	Functional role of T-cell receptor nanoclusters in signal initiation and antigen discrimination. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5454-63.	3.3	194
351	Surface-Enhanced Raman Spectroscopy for Sensing—Addressing a Real Challenge in Application. ACS Sensors, 2016, 1, 963-963.	4.0	5
352	Single Entity Electrochemistry Progresses to Cell Counting. Angewandte Chemie - International Edition, 2016, 55, 12956-12958.	7.2	28
353	Unique Sensing Interface That Allows the Development of an Electrochemical Immunosensor for the Detection of Tumor Necrosis Factor $\alpha$ in Whole Blood. ACS Sensors, 2016, 1, 1432-1438.	4.0	80
354	An Integrated Paper-Based Readout System and Piezoresistive Pressure Sensor for Measuring Bandage Compression. Advanced Materials Technologies, 2016, 1, 1600143.	3.0	22
355	Silicon-SAM-AuNP electrodes: Electrochemical switching and stability. Electrochemistry Communications, 2016, 70, 28-32.	2.3	10
356	Light-activated electrochemistry on alkyne-terminated Si(100) surfaces towards solution-based redox probes. Electrochimica Acta, 2016, 213, 540-546.	2.6	13
357	Electroconductive Hydrogel Based on Functional Poly(Ethylenedioxy Thiophene). Chemistry of Materials, 2016, 28, 6080-6088.	3.2	96
358	Single-Molecule Sensors: Challenges and Opportunities for Quantitative Analysis. Angewandte Chemie - International Edition, 2016, 55, 11354-11366.	7.2	233
359	Wearable Sensors—An Exciting Area of Research for Sensor Scientists. ACS Sensors, 2016, 1, 834-834.	4.0	3
360	Electric Field Modulation of Silicon upon Tethering of Highly Charged Nucleic Acids. Capacitive Studies on DNA-modified Silicon (111). Electroanalysis, 2016, 28, 2367-2372.	1.5	0

#	ARTICLE	IF	CITATIONS
361	The Exciting World of Single Molecule Sensors. ACS Sensors, 2016, 1, 1163-1164.	4.0	11
362	Electrocatalysis: Understanding platinum migration. Nature Energy, 2016, 1, .	19.8	11
363	Sensing Chemicals in Gas Phase—Addressing an Unmet Need. ACS Sensors, 2016, 1, 460-461.	4.0	1
364	Light-Activated Electrochemistry for the Two-Dimensional Interrogation of Electroactive Regions on a Monolithic Surface with Dramatically Improved Spatial Resolution. Journal of Physical Chemistry C, 2016, 120, 13032-13038.	1.5	24
365	Light-Induced Hydrogel Based on Tumor-Targeting Mesoporous Silica Nanoparticles as a Theranostic Platform for Sustained Cancer Treatment. ACS Applied Materials & Interfaces, 2016, 8, 15857-15863.	4.0	94
366	Big Moves in Biosensing. ACS Sensors, 2016, 1, 633-633.	4.0	2
367	The Editorial Process at ACS Sensors. ACS Sensors, 2016, 1, 203-204.	4.0	1
368	Solid-phase microextraction low temperature plasma mass spectrometry for the direct and rapid analysis of chemical warfare simulants in complex mixtures. Analyst, The, 2016, 141, 3714-3721.	1.7	35
369	Welcome to ACS Sensors. ACS Sensors, 2016, 1, 1-2.	4.0	0
370	Light Activated Electrochemistry: Light Intensity and pH Dependence on Electrochemical Performance of Anthraquinone Derivatized Silicon. Journal of Physical Chemistry C, 2016, 120, 2874-2882.	1.5	36
371	Stability of Chemically Passivated Silicon Electrodes in Aqueous Solutions: Interplay between Bias Voltage and Hydration of the Electrolyte. Journal of Physical Chemistry C, 2016, 120, 15941-15948.	1.5	15
372	Carbon quantum dots directly generated from electrochemical oxidation of graphite electrodes in alkaline alcohols and the applications for specific ferric ion detection and cell imaging. Analyst, The, 2016, 141, 2657-2664.	1.7	226
373	Optical Manipulation and Spectroscopy Of Silicon Nanoparticles Exhibiting Dielectric Resonances. Nano Letters, 2016, 16, 1903-1910.	4.5	46
374	Strategies To Achieve Control over the Surface Ratio of Two Different Components on Modified Electrodes Using Aryldiazonium Salts. Langmuir, 2016, 32, 2509-2517.	1.6	36
375	What Should an ACS Sensors Paper Look Like?. ACS Sensors, 2016, 1, 102-103.	4.0	0
376	A versatile method for the preparation of carbon—rhodium hybrid catalysts on graphene and carbon black. Chemical Science, 2016, 7, 1996-2004.	3.7	22
377	Einzelmolekülsensoren: Herausforderungen und Möglichkeiten für die quantitative Analyse. Angewandte Chemie, 2016, 128, 11526-11539.	1.6	8
378	Biomolecule Attachment to Porous Silicon. , 2016, , 1-24.		0

#	ARTICLE	IF	CITATIONS
379	A Ruthenium Based Organometallic Complex for Biosensing that is both a Stable Redox Label and a Homobifunctional Linker. <i>Electroanalysis</i> , 2015, 27, 1078-1085.	1.5	7
380	Enhancing Quantum Dots for Bioimaging using Advanced Surface Chemistry and Advanced Optical Microscopy: Application to Silicon Quantum Dots (SiQDs). <i>Advanced Materials</i> , 2015, 27, 6144-6150.	11.1	57
381	Single Nanoparticle Plasmonic Sensors. <i>Sensors</i> , 2015, 15, 25774-25792.	2.1	71
382	Surface Epitope Coverage Affects Binding Characteristics of Bisphenol-A Functionalized Nanoparticles in a Competitive Inhibition Assay. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-9.	1.5	4
383	Toward biosensors for the detection of circulating microRNA as a cancer biomarker: an overview of the challenges and successes. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 580-592.	3.3	39
384	The analytical performance of a porous silicon Bloch surface wave biosensors as protease biosensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 469-475.	4.0	19
385	Zwitterionic Phenyl Phosphorylcholine on Indium Tin Oxide: a Low Impedance Protein Resistant Platform for Biosensing. <i>Electroanalysis</i> , 2015, 27, 884-889.	1.5	23
386	Polymersomes Prepared from Thermoresponsive Fluorescent Protein Polymer Bioconjugates: Capture of and Report on Drug and Protein Payloads. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5317-5322.	7.2	93
387	Development of a Competitive ELISA for the Detection of 4-tert-Octylphenol in Seafood. <i>Food Analytical Methods</i> , 2015, 8, 1923-1935.	1.3	1
388	Quantitative determination of target gene with electrical sensor. <i>Scientific Reports</i> , 2015, 5, 12539.	1.6	16
389	Heat-treated stainless steel felt as scalable anode material for bioelectrochemical systems. <i>Bioresource Technology</i> , 2015, 195, 46-50.	4.8	69
390	Biocompatible Gold Nanorods: One-Step Surface Functionalization, Highly Colloidal Stability, and Low Cytotoxicity. <i>Langmuir</i> , 2015, 31, 4973-4980.	1.6	77
391	Phenazine virulence factor binding to extracellular DNA is important for <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Scientific Reports</i> , 2015, 5, 8398.	1.6	152
392	The advantages of covalently attaching organometallic catalysts to a carbon black support: recyclable Rh complexes that deliver enhanced conversion and product selectivity. <i>Dalton Transactions</i> , 2015, 44, 7917-7926.	1.6	17
393	Nucleic-acid recognition interfaces: how the greater ability of RNA duplexes to bend towards the surface influences electrochemical sensor performance. <i>Chemical Communications</i> , 2015, 51, 16526-16529.	2.2	10
394	Ultrasensitive and Specific Measurement of Protease Activity Using Functionalized Photonic Crystals. <i>Analytical Chemistry</i> , 2015, 87, 9946-9953.	3.2	35
395	Toward Paper-Based Sensors: Turning Electrical Signals into an Optical Readout System. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19201-19209.	4.0	45
396	Connecting electrodes with light: one wire, many electrodes. <i>Chemical Science</i> , 2015, 6, 6769-6776.	3.7	76

#	ARTICLE	IF	CITATIONS
397	Switching on and off faradaic electrochemistry at an otherwise passivated electrode using gold-coated magnetic nanoparticles. <i>Electrochemistry Communications</i> , 2015, 61, 93-96.	2.3	5
398	The impact of surface coverage on the kinetics of electron transfer through redox monolayers on a silicon electrode surface. <i>Electrochimica Acta</i> , 2015, 186, 216-222.	2.6	33
399	Reversible gating of smart plasmonic molecular traps using thermoresponsive polymers for single-molecule detection. <i>Nature Communications</i> , 2015, 6, 8797.	5.8	83
400	Dispersible Electrodes: An Approach to Developing Sensing Devices that can Quickly Detect Ultralow Concentrations of Analyte. <i>RSC Detection Science</i> , 2015, , 279-295.	0.0	1
401	Protein sensors based on reversible $\pi$ - $\pi$ stacking on basal plane HOPG electrodes. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3379-3386.	1.2	15
402	Modification of porous silicon rugate filters through thiol-yne photochemistry. , 2014, , .		0
403	Electrochemical and Theoretical Study of $\pi$ - $\pi$ Stacking Interactions between Graphitic Surfaces and Pyrene Derivatives. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2650-2659.	1.5	89
404	The Influence of Graphene on the Electrical Communication Through Organic Layers on Graphite and Gold Electrodes. <i>Electroanalysis</i> , 2014, 26, 84-92.	1.5	18
405	Insights into Adhesion Biology Using Single-Molecule Localization Microscopy. <i>ChemPhysChem</i> , 2014, 15, 606-618.	1.0	9
406	Investigation of the Antifouling Properties of Phenyl Phosphorylcholine-Based Modified Gold Surfaces. <i>Electroanalysis</i> , 2014, 26, 1471-1480.	1.5	23
407	Versatile Click Chemistry Approach to Functionalizing Silicon Quantum Dots: Applications toward Fluorescent Cellular Imaging. <i>Langmuir</i> , 2014, 30, 5209-5216.	1.6	54
408	The Effect of Interfacial Design on the Electrochemical Detection of DNA and MicroRNA Using Methylene Blue at Low-Density DNA Films. <i>ChemElectroChem</i> , 2014, 1, 165-171.	1.7	26
409	Molecularly Engineered Surfaces for Cell Biology: From Static to Dynamic Surfaces. <i>Langmuir</i> , 2014, 30, 3290-3302.	1.6	33
410	Colloidal silicon quantum dots: from preparation to the modification of self-assembled monolayers (SAMs) for bio-applications. <i>Chemical Society Reviews</i> , 2014, 43, 2680-2700.	18.7	360
411	The rapid formation of functional monolayers on silicon under mild conditions. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 8003-8011.	1.3	14
412	Optimising the enzyme response of a porous silicon photonic crystal via the modular design of enzyme sensitive polymers. <i>Polymer Chemistry</i> , 2014, 5, 2333-2341.	1.9	31
413	A robust DNA interface on a silicon electrode. <i>Chemical Communications</i> , 2014, 50, 7878-7880.	2.2	21
414	Chemical patterning on preformed porous silicon photonic crystals: towards multiplex detection of protease activity at precise positions. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3582-3588.	2.9	13



#	ARTICLE	IF	CITATIONS
415	Light-Induced Organic Monolayer Modification of Iodinated Carbon Electrodes. <i>Langmuir</i> , 2014, 30, 332-339.	1.6	10
416	Ruthenium( $\text{II}$ ) complexes containing functionalised $\beta^2$ -diketonate ligands: developing a ferrocene mimic for biosensing applications. <i>Dalton Transactions</i> , 2014, 43, 12734-12742.	1.6	9
417	Surface-Bound Norbornyllogous Bridges as Molecular Rulers for Investigating Interfacial Electrochemistry and as Single Molecule Switches. <i>Accounts of Chemical Research</i> , 2014, 47, 385-395.	7.6	30
418	Monitoring the progression of loop-mediated isothermal amplification using conductivity. <i>Analytical Biochemistry</i> , 2014, 466, 16-18.	1.1	10
419	Synthesis and High-Throughput Processing of Polymeric Hydrogels for 3D Cell Culture. <i>Bioconjugate Chemistry</i> , 2014, 25, 1581-1601.	1.8	46
420	Dual Bioresponsive Mesoporous Silica Nanocarrier as an AND Logic Gate for Targeted Drug Delivery Cancer Cells. <i>Advanced Functional Materials</i> , 2014, 24, 6999-7006.	7.8	105
421	Approaches Toward Allowing Electroanalytical Devices to be Used in Biological Fluids. <i>Electroanalysis</i> , 2014, 26, 1182-1196.	1.5	100
422	Flame Oxidation of Stainless Steel Felt Enhances Anodic Biofilm Formation and Current Output in Bioelectrochemical Systems. <i>Environmental Science &amp; Technology</i> , 2014, 48, 7151-7156.	4.6	131
423	Antibody Modified Porous Silicon Microparticles for the Selective Capture of Cells. <i>Bioconjugate Chemistry</i> , 2014, 25, 1282-1289.	1.8	24
424	Surfactant treatment of carbon felt enhances anodic microbial electrocatalysis in bioelectrochemical systems. <i>Electrochemistry Communications</i> , 2014, 39, 1-4.	2.3	46
425	Biointerfaces on Indium-Tin Oxide Prepared from Organophosphonic Acid Self-Assembled Monolayers. <i>Langmuir</i> , 2014, 30, 8509-8515.	1.6	18
426	Brief review of monitoring methods for loop-mediated isothermal amplification (LAMP). <i>Biosensors and Bioelectronics</i> , 2014, 61, 491-499.	5.3	287
427	Stimuli-responsive functionalized mesoporous silica nanoparticles for drug release in response to various biological stimuli. <i>Biomaterials Science</i> , 2014, 2, 121-130.	2.6	80
428	The impact of antibody/epitope affinity strength on the sensitivity of electrochemical immunosensors for detecting small molecules. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3889-3898.	1.9	13
429	Sintered gold nanoparticles as an electrode material for paper-based electrochemical sensors. <i>RSC Advances</i> , 2013, 3, 8683.	1.7	59
430	Photolithographic Strategy for Patterning Preformed, Chemically Modified, Porous Silicon Photonic Crystal Using Click Chemistry. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6514-6521.	4.0	21
431	Rh(I) Complexes Bearing N,N and N,P Ligands Anchored on Glassy Carbon Electrodes: Toward Recyclable Hydroamination Catalysts. <i>Journal of the American Chemical Society</i> , 2013, 135, 16429-16437.	6.6	35
432	Protein Resistance of Surfaces Modified with Oligo(Ethylene Glycol) Aryl Diazonium Derivatives. <i>ChemPhysChem</i> , 2013, 14, 2183-2189.	1.0	13

#	ARTICLE	IF	CITATIONS
433	Glycylglycine Immobilized On Monolayer Modified Backside Contact Miniaturized Sensors for Complexation of Copper Ions. <i>Electroanalysis</i> , 2013, 25, 1461-1471.	1.5	23
434	The detailed characterization of electrochemically switchable molecular assemblies on silicon electrodes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9879.	1.3	12
435	Using Supramolecular Binding Motifs To Provide Precise Control over the Ratio and Distribution of Species in Multiple Component Films Grafted on Surfaces: Demonstration Using Electrochemical Assembly from Aryl Diazonium Salts. <i>Langmuir</i> , 2013, 29, 4772-4781.	1.6	26
436	Zwitterionic Phenyl Layers: Finally, Stable, Anti-Biofouling Coatings that Do Not Passivate Electrodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 4827-4835.	4.0	82
437	Functionalised porous silicon as a biosensor: emphasis on monitoring cells in vivo and in vitro. <i>Analyst</i> , 2013, 138, 3593.	1.7	57
438	Demonstrating the Use of Bisphenol A-functionalised Gold Nanoparticles in Immunoassays. <i>Australian Journal of Chemistry</i> , 2013, 66, 613.	0.5	2
439	Effects of Surface Charge and Hydrophobicity on Anodic Biofilm Formation, Community Composition, and Current Generation in Bioelectrochemical Systems. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7563-7570.	4.6	294
440	Grafting of Poly(ethylene glycol) on Click Chemistry Modified Si(100) Surfaces. <i>Langmuir</i> , 2013, 29, 8355-8362.	1.6	31
441	Distance-Dependent Electron Transfer at Passivated Electrodes Decorated by Gold Nanoparticles. <i>Analytical Chemistry</i> , 2013, 85, 1073-1080.	3.2	91
442	The Influence of Organic Film Morphology on the Efficient Electron Transfer at Passivated Polymer Modified Electrodes to which Nanoparticles are Attached. <i>ChemPhysChem</i> , 2013, 14, 2190-2197.	1.0	14
443	An Amperometric Immunosensor Based on a Gold Nanoparticle-Diazonium Salt Modified Sensing Interface for the Detection of HbA1c in Human Blood. <i>Electroanalysis</i> , 2013, 25, 881-887.	1.5	34
444	Nanoparticle Mediated Electron Transfer Across Organic Layers: From Current Understanding to Applications. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	10
445	Creating Adhesive and Soluble Gradients for Imaging Cell Migration with Fluorescence Microscopy. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	5
446	Porous silicon photonic crystals for detection of infections. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
447	A multimodal optical and electrochemical device for monitoring surface reactions: redox active surfaces in porous silicon Rugate filters. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16433.	1.3	10
448	A novel route to copper detection using click chemistry-induced aggregation of gold nanoparticles. <i>Analyst</i> , 2012, 137, 82-86.	1.7	85
449	Biofunctionalization of free-standing porous silicon films for self-assembly of photonic devices. <i>Soft Matter</i> , 2012, 8, 360-366.	1.2	23
450	Development of an electrochemical immunosensor for the detection of HbA1c in serum. <i>Analyst</i> , 2012, 137, 829.	1.7	51

#	ARTICLE	IF	CITATIONS
451	Redox-Active Monolayers in Mesoporous Silicon. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16080-16088.	1.5	16
452	Single Molecular Switches: Electrochemical Gating of a Single Anthraquinone-Based Norbornylogous Bridge Molecule. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21093-21097.	1.5	66
453	Surface-Bound Molecular Rulers for Probing the Electrical Double Layer. <i>Journal of the American Chemical Society</i> , 2012, 134, 7539-7544.	6.6	40
454	Using Molecular Level Modification To Tune the Conductivity of Graphene Papers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17939-17946.	1.5	53
455	Probing the Effect of the Solution Environment around Redox-Active Moieties Using Rigid Anthraquinone Terminated Molecular Rulers. <i>Journal of the American Chemical Society</i> , 2012, 134, 18401-18409.	6.6	40
456	Detection of Trace Nitroaromatic Isomers Using Indium Tin Oxide Electrodes Modified Using $\beta$ -Cyclodextrin and Silver Nanoparticles. <i>Analytical Chemistry</i> , 2012, 84, 8557-8563.	3.2	97
457	One-pot synthesis of colloidal silicon quantum dots and surface functionalization via thiol-ene click chemistry. <i>Chemical Communications</i> , 2012, 48, 11874.	2.2	74
458	Multifunctional modified silver nanoparticles as ion and pH sensors in aqueous solution. <i>Analyst</i> , 2012, 137, 2338.	1.7	37
459	Recent Advances in Paper-Based Sensors. <i>Sensors</i> , 2012, 12, 11505-11526.	2.1	545
460	Studies on the Effect of Solvents on Self-Assembled Monolayers Formed from Organophosphonic Acids on Indium Tin Oxide. <i>Langmuir</i> , 2012, 28, 9487-9495.	1.6	64
461	Electrochemical "Switching" of Si(100) Modular Assemblies. <i>Journal of the American Chemical Society</i> , 2012, 134, 844-847.	6.6	47
462	Depth-Resolved Chemical Modification of Porous Silicon by Wavelength-Tuned Irradiation. <i>Langmuir</i> , 2012, 28, 15444-15449.	1.6	10
463	Ultrasensitive electrochemical detection of prostate-specific antigen (PSA) using gold-coated magnetic nanoparticles as "dispersible electrodes". <i>Chemical Communications</i> , 2012, 48, 3503.	2.2	96
464	The rise of self-assembled monolayers for fabricating electrochemical biosensors: an interfacial perspective. <i>Chemical Record</i> , 2012, 12, 92-105.	2.9	62
465	An Electrochemical Impedance Immunosensor Based on Gold Nanoparticle-Modified Electrodes for the Detection of HbA1c in Human Blood. <i>Electroanalysis</i> , 2012, 24, 1509-1516.	1.5	39
466	Strategies for chemical modification of graphene and applications of chemically modified graphene. <i>Journal of Materials Chemistry</i> , 2012, 22, 12435.	6.7	468
467	Observation of Electrochemically Controlled Quantum Interference in a Single Anthraquinone-Based Norbornylogous Bridge Molecule. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3203-3206.	7.2	150
468	Using an Electrical Potential to Reversibly Switch Surfaces between Two States for Dynamically Controlling Cell Adhesion. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7706-7710.	7.2	117

#	ARTICLE	IF	CITATIONS
469	The Biochemiresistor: An Ultrasensitive Biosensor for Small Organic Molecules. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6456-6459.	7.2	38
470	Development of sensitive direct and indirect enzyme-linked immunosorbent assays (ELISAs) for monitoring bisphenol-A in canned foods and beverages. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1607-1618.	1.9	70
471	Electroactive Self-Assembled Monolayers of Unique Geometric Structures by Using Rigid Norbornylogous Bridges. <i>Chemistry - A European Journal</i> , 2012, 18, 283-292.	1.7	15
472	Oxidative acetylenic coupling reactions as a surface chemistry tool. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15624.	1.3	16
473	Spacing of Integrin Ligands Influences Signal Transduction in Endothelial Cells. <i>Biophysical Journal</i> , 2011, 101, 764-773.	0.2	60
474	Mesoporous silicon photonic crystal microparticles: towards single-cell optical biosensors. <i>Faraday Discussions</i> , 2011, 149, 301-317.	1.6	52
475	Optical bistability in mesoporous silicon microcavity resonators. <i>Journal of Applied Physics</i> , 2011, 109, 093113.	1.1	8
476	A facile enantioseparation for amino acids enantiomers using $\beta$ -cyclodextrins functionalized Fe <sub>3</sub> O <sub>4</sub> nanospheres. <i>Chemical Communications</i> , 2011, 47, 10317.	2.2	74
477	The Fabrication of Stable Gold Nanoparticle-Modified Interfaces for Electrochemistry. <i>Langmuir</i> , 2011, 27, 4176-4183.	1.6	150
478	Nanoscale Water Condensation on Click-Functionalized Self-Assembled Monolayers. <i>Langmuir</i> , 2011, 27, 10753-10762.	1.6	40
479	Nanoscale condensation of water on self-assembled monolayers. <i>Soft Matter</i> , 2011, 7, 5309.	1.2	103
480	Importance of the Indium Tin Oxide Substrate on the Quality of Self-Assembled Monolayers Formed from Organophosphonic Acids. <i>Langmuir</i> , 2011, 27, 2545-2552.	1.6	73
481	Tandem "Click" Reactions at Acetylene-Terminated Si(100) Monolayers. <i>Langmuir</i> , 2011, 27, 6940-6949.	1.6	40
482	Different Functionalization of the Internal and External Surfaces in Mesoporous Materials for Biosensing Applications Using "Click" Chemistry. <i>Langmuir</i> , 2011, 27, 328-334.	1.6	54
483	Cellobiose Dehydrogenase Aryl Diazonium Modified Single Walled Carbon Nanotubes: Enhanced Direct Electron Transfer through a Positively Charged Surface. <i>Analytical Chemistry</i> , 2011, 83, 3042-3049.	3.2	116
484	The Role of Oxygen in Synthesizing Monodisperse Silver Nanocubes. <i>Australian Journal of Chemistry</i> , 2011, 64, 1488.	0.5	3
485	The molecular level modification of surfaces: from self-assembled monolayers to complex molecular assemblies. <i>Chemical Society Reviews</i> , 2011, 40, 2704.	18.7	433
486	Pre-existing clusters of the adaptor Lat do not participate in early T cell signaling events. <i>Nature Immunology</i> , 2011, 12, 655-662.	7.0	302

#	ARTICLE	IF	CITATIONS
487	The Relative Importance of Topography and RGD Ligand Density for Endothelial Cell Adhesion. PLoS ONE, 2011, 6, e21869.	1.1	90
488	The importance of interfacial design for the sensitivity of a label-free electrochemical immuno-biosensor for small organic molecules. Biosensors and Bioelectronics, 2011, 26, 2038-2044.	5.3	57
489	Graphene and Related Materials in Electrochemical Sensing. Electroanalysis, 2011, 23, 803-826.	1.5	256
490	An Electrochemical Immunobiosensor for Direct Detection of Veterinary Drug Residues in Undiluted Complex Matrices. Electroanalysis, 2011, 23, 1797-1804.	1.5	38
491	A Molecule with Dual Functionality 4-Aminophenylmethylphosphonic Acid: A Comparison Between Layers Formed on Indium Tin Oxide by In Situ Generation of an Aryl Diazonium Salt or by Self-Assembly of the Phosphonic Acid. Electroanalysis, 2011, 23, 2633-2642.	1.5	32
492	Polydiacetylene Vesicles Containing $\beta$ -Cyclodextrin and Azobenzene as Photocontrolled Nanocarriers. ChemPhysChem, 2011, 12, 2714-2718.	1.0	5
493	Electrochemical impedance immunosensor based on gold nanoparticles and aryl diazonium salt functionalized gold electrodes for the detection of antibody. Biosensors and Bioelectronics, 2011, 26, 3660-3665.	5.3	75
494	Reversible potential-induced structural changes of alkanethiol monolayers on gold surfaces. Electrochemistry Communications, 2011, 13, 387-390.	2.3	29
495	Gold-coated magnetic nanoparticles as $\alpha$ -dispersible electrodes. Understanding their electrochemical performance. Journal of Electroanalytical Chemistry, 2011, 656, 130-135.	1.9	16
496	Electrochemically fabricated three dimensional nano-porous gold films optimised for surface enhanced Raman scattering. Journal of Electroanalytical Chemistry, 2011, 656, 114-119.	1.9	19
497	Some More Observations on the Unique Electrochemical Properties of Electrode-Monolayer-Nanoparticle Constructs. ChemPhysChem, 2010, 11, 2807-2813.	1.0	45
498	Inside Cover: Some More Observations on the Unique Electrochemical Properties of Electrode-Monolayer-Nanoparticle Constructs (ChemPhysChem 13/2010). ChemPhysChem, 2010, 11, 2654-2654.	1.0	2
499	A Comparative Study of the Modification of Gold and Glassy Carbon Surfaces with Mixed Layers of In Situ Generated Aryl Diazonium Compounds. Electroanalysis, 2010, 22, 918-926.	1.5	73
500	A Comparative Study of Modifying Gold and Carbon Electrode with 4-Sulfophenyl Diazonium Salt. Electroanalysis, 2010, 22, 1283-1289.	1.5	39
501	A Comparative Study of Electrochemical Reduction of 4-Nitrophenyl Covalently Grafted on Gold and Carbon. Electroanalysis, 2010, 22, 1824-1830.	1.5	44
502	Functionalization Strategies for Protease Immobilization on Magnetic Nanoparticles. Advanced Functional Materials, 2010, 20, 1767-1777.	7.8	133
503	Facile Functionalization and Phase Reduction Route of Magnetic Iron Oxide Nanoparticles for Conjugation of Matrix Metalloproteinase. Advanced Engineering Materials, 2010, 12, B210.	1.6	9
504	Direct Electrochemistry of Cytochrome c at Modified Si(100) Electrodes. Chemistry - A European Journal, 2010, 16, 5961-5968.	1.7	32

#	ARTICLE	IF	CITATIONS
505	Carbon Nanomaterials in Biosensors: Should You Use Nanotubes or Graphene?. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2114-2138.	7.2	1,301
506	Antifouling behaviour of silicon surfaces modified with self-assembled monolayers containing both ethylene glycol and charged moieties. <i>Surface Science</i> , 2010, 604, 1388-1394.	0.8	24
507	How Do Cells Make Decisions: Engineering Micro- and Nanoenvironments for Cell Migration. <i>Journal of Oncology</i> , 2010, 2010, 1-7.	0.6	13
508	Thiol functionalisation of gold-coated magnetic nanoparticles: Enabling the controlled attachment of functional molecules. , 2010, , .		3
509	â€Dispensible electrodesâ€™: a solution to slow response times of sensitive sensors. <i>Chemical Communications</i> , 2010, 46, 8821.	2.2	48
510	Self-Assembled Monolayers Formed using Zero Net Curvature Norbornylogous Bridges: The Influence of Potential on Molecular Orientation. <i>Langmuir</i> , 2010, 26, 15665-15670.	1.6	15
511	Substrate Independent Assembly of Optical Structures Guided by Biomolecular Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 3270-3275.	4.0	7
512	DNA hybridization for nanocube functionalization. , 2010, , .		1
513	Protease detection using a porous silicon based Bloch surface wave optical biosensor. <i>Optics Express</i> , 2010, 18, 15174.	1.7	48
514	Indium tin oxide surface topography on monolayer formation and stability. , 2010, , .		0
515	Wet chemical routes to the assembly of organic monolayers on silicon surfaces via the formation of Siâ€C bonds: surface preparation, passivation and functionalization. <i>Chemical Society Reviews</i> , 2010, 39, 2158.	18.7	276
516	Target DNA recognition using electrochemical impedance spectroscopy. , 2010, , .		0
517	Controlled Fabrication of Polyethylenimine-Functionalized Magnetic Nanoparticles for the Sequestration and Quantification of Free Cu<sup>2+</sup>. <i>Langmuir</i> , 2010, 26, 12247-12252.	1.6	87
518	Modifying gold with 4-(trimethylammonio)-phenyl by aryl diazonium salts via reductive deposition. , 2010, , .		0
519	Optical properties of II-VI colloidal quantum dot doped porous silicon microcavities. <i>Applied Physics Letters</i> , 2010, 96, 161106.	1.5	42
520	Step by step fabrication and characterization of Au (111) exposed single crystals. , 2010, , .		0
521	Incorporation of colloidal quantum dots into silicon photonic structures. , 2010, , .		0
522	Silicon (100) surfaces modified by osmium bipyridine complexes. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
523	Strategies for fabricating a biorecognition interface for a label free electrochemical immunosensor. , 2010, , .		1
524	Preparation of thiol-terminated monolayers on silicon(100) surfaces using thioacetyl-protected alkynethiol. , 2010, , .		0
525	Comparing the electrochemical performance of pyrolysed photoresist film electrodes to glassy carbon electrodes for sensing applications. , 2010, , .		2
526	ToF-ESIMS characterisation of methane- and hydrogen-plasma-modified graphite using principal component analysis. Surface and Interface Analysis, 2009, 41, 216-224.	0.8	9
527	Using nanoparticle aggregation to give an ultrasensitive amperometric metal ion sensor. Electrochemistry Communications, 2009, 11, 2015-2018.	2.3	29
528	Towards the fabrication of label-free amperometric immunosensors using SWNTs. Electrochemistry Communications, 2009, 11, 1982-1985.	2.3	33
529	The importance of surface chemistry in mesoporous materials: lessons from porous silicon biosensors. Chemical Communications, 2009, , 630-640.	2.2	157
530	pH-Detachable Polymer Brushes Formed Using Titanium-Diol Coordination Chemistry and Living Radical Polymerization (RAFT). Macromolecules, 2009, 42, 2931-2939.	2.2	57
531	Self-Assembled Carbon Nanotube Electrode Arrays: Effect of Length of the Linker between Nanotubes and Electrode. Journal of Physical Chemistry C, 2009, 113, 3203-3211.	1.5	60
532	The Effect of Surface Polarity on the Electrochemical Double Layer and Its Influence on the Measurement of the Standard Rate Constant of Electron Transfer. Journal of Physical Chemistry C, 2009, 113, 8964-8971.	1.5	26
533	Silicon (100) Electrodes Resistant to Oxidation in Aqueous Solutions: An Unexpected Benefit of Surface Acetylene Moieties. Langmuir, 2009, 25, 2530-2539.	1.6	122
534	Smart Tissue Culture: in Situ Monitoring of the Activity of Protease Enzymes Secreted from Live Cells Using Nanostructured Photonic Crystals. Nano Letters, 2009, 9, 2021-2025.	4.5	91
535	Comparing the Reactivity of Alkynes and Alkenes on Silicon (100) Surfaces. Langmuir, 2009, 25, 13934-13941.	1.6	65
536	Electrochemical Behavior of Gold Colloidal Alkyl Modified Silicon Surfaces. ACS Applied Materials & Interfaces, 2009, 1, 2477-2483.	4.0	33
537	Fabrication and Dispersion of Gold-Shell-Protected Magnetite Nanoparticles: Systematic Control Using Polyethyleneimine. Chemistry of Materials, 2009, 21, 673-681.	3.2	253
538	Formation of Efficient Electron Transfer Pathways by Adsorbing Gold Nanoparticles to Self-Assembled Monolayer Modified Electrodes. Langmuir, 2009, 25, 11121-11128.	1.6	145
539	Structure and Properties of Redox Active Self-Assembled Monolayers Formed from Norbornylogous Bridges. Langmuir, 2009, 25, 11090-11096.	1.6	17
540	Silicon-based mesoporous photonic crystals: towards single cell optical biosensors. Proceedings of SPIE, 2009, , .	0.8	2

#	ARTICLE	IF	CITATIONS
541	Exploration of variables in the fabrication of pyrolysed photoresist. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1357-1365.	1.2	22
542	Advances in Interfacial Design for Electrochemical Biosensors and Sensors: Aryl Diazonium Salts for Modifying Carbon and Metal Electrodes. <i>Electroanalysis</i> , 2008, 20, 573-582.	1.5	240
543	Optimization of Click Chemistry of Ferrocene Derivatives on Acetylene-Functionalized Silicon(100) Surfaces. <i>Electroanalysis</i> , 2008, 20, 1513-1519.	1.5	68
544	Introducing Distinctly Different Chemical Functionalities onto the Internal and External Surfaces of Mesoporous Materials. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2697-2699.	7.2	61
545	Modifying Porous Silicon with Self-Assembled Monolayers for Biomedical Applications: The Influence of Surface Coverage on Stability and Biomolecule Coupling. <i>Advanced Functional Materials</i> , 2008, 18, 3827-3833.	7.8	59
546	RF plasma functionalized carbon surfaces for supporting sensor architectures. <i>Current Applied Physics</i> , 2008, 8, 376-379.	1.1	7
547	Application of the channel flow cell to the investigation of dyeing kinetics and mechanism: new perspectives on dyeing processes. <i>Coloration Technology</i> , 2008, 114, 85-92.	0.1	2
548	Scanning Electrochemical Microscopy. 59. Effect of Defects and Structure on Electron Transfer through Self-Assembled Monolayers. <i>Langmuir</i> , 2008, 24, 2841-2849.	1.6	64
549	Click Chemistry in Mesoporous Materials: Functionalization of Porous Silicon Rugate Filters. <i>Langmuir</i> , 2008, 24, 5888-5892.	1.6	108
550	Protein modulation of electrochemical signals: application to immunobiosensing. <i>Chemical Communications</i> , 2008, , 3870.	2.2	54
551	Effect of Dialysis on the Electrochemical Properties of Acid-Oxidized Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14131-14138.	1.5	10
552	Single Molecule Conductance through Rigid Norbornylogous Bridges with Zero Average Curvature. <i>Journal of Physical Chemistry C</i> , 2008, 112, 9072-9080.	1.5	17
553	Multi-analyte sensing: a chemometrics approach to understanding the merits of electrode arrays versus single electrodes. <i>Analyst</i> , 2008, 133, 1090.	1.7	18
554	Organic modification of mesoporous silicon rugate filters: the influence of nanoarchitecture on optical behaviour. <i>International Journal of Nanotechnology</i> , 2008, 5, 170.	0.1	10
555	Porous Silicon as Photonic Substrate for Hybrid Optoelectronics. <i>ECS Meeting Abstracts</i> , 2008, , .	0.0	0
556	Fast Colorimetric Detection of Copper Ions Using L-Cysteine Functionalized Gold Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 712-716.	0.9	91
557	Procedure 13 The determination of metal ions using peptide-modified electrodes. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, e83-e92.	0.7	1
558	Peptide-Modified Optical Filters for Detecting Protease Activity. <i>ACS Nano</i> , 2007, 1, 355-361.	7.3	114



#	ARTICLE	IF	CITATIONS
559	Functionalization of Acetylene-Terminated Monolayers on Si(100) Surfaces: A Click Chemistry Approach. <i>Langmuir</i> , 2007, 23, 9320-9329.	1.6	267
560	Chapter 10 Peptide-modified electrodes for detecting metal ions. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, 189-210.	0.7	4
561	Hybrid lipid bilayers in nanostructured silicon: a biomimetic mesoporous scaffold for optical detection of cholera toxin. <i>Chemical Communications</i> , 2007, , 1936-1938.	2.2	41
562	Biomimetic Membranes in Biosensor Applications. , 2007, , 127-166.		0
563	Thiol-Terminated Monolayers on Oxide-Free Si: Assembly of Semiconductor-Alkyl-Metal Junctions. <i>Langmuir</i> , 2007, 23, 3236-3241.	1.6	52
564	The Electrochemical Monitoring of the Perturbation of Charge Transfer through DNA by Cisplatin. <i>Journal of the American Chemical Society</i> , 2007, 129, 8950-8951.	6.6	51
565	An introduction to electrochemical DNA biosensors. <i>Analyst</i> , The, 2007, 132, 603.	1.7	238
566	Forming Antifouling Organic Multilayers on Porous Silicon Rugate Filters Towards In Vivo/Ex Vivo Biophotonic Devices. <i>Advanced Functional Materials</i> , 2007, 17, 2884-2890.	7.8	69
567	The electrochemical detection of cadmium using surface-immobilized DNA. <i>Electrochemistry Communications</i> , 2007, 9, 845-849.	2.3	87
568	The effects of the lengths and orientations of single-walled carbon nanotubes on the electrochemistry of nanotube-modified electrodes. <i>Electrochemistry Communications</i> , 2007, 9, 1677-1683.	2.3	109
569	A molecular wire modified glassy carbon electrode for achieving direct electron transfer to native glucose oxidase. <i>Electrochemistry Communications</i> , 2007, 9, 2218-2223.	2.3	110
570	Characterisation of mesoporous polymer films deposited using lyotropic liquid crystal templating. <i>Electrochimica Acta</i> , 2007, 52, 2640-2648.	2.6	16
571	Diazonium salts: Stable monolayers on gold electrodes for sensing applications. <i>Journal of Electroanalytical Chemistry</i> , 2007, 600, 335-344.	1.9	185
572	Carbon nanotubes for biological and biomedical applications. <i>Nanotechnology</i> , 2007, 18, 412001.	1.3	522
573	Extending the dynamic range of electrochemical sensors using multiple modified electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1489-1498.	1.9	22
574	Electron-transfer characteristics of ferrocene attached to single-walled carbon nanotubes (SWCNT) arrays directly anchored to silicon(100). <i>Electrochimica Acta</i> , 2007, 52, 6206-6211.	2.6	56
575	Si-C linked oligo(ethylene glycol) layers in silicon-based photonic crystals: Optimization for implantable optical materials. <i>Biomaterials</i> , 2007, 28, 3055-3062.	5.7	80
576	Porous silicon based narrow line-width rugate filters. <i>Optical Materials</i> , 2007, 29, 619-622.	1.7	108

#	ARTICLE	IF	CITATIONS
577	Fast colorimetric detection of copper ions using L-cysteine functionalized gold nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 712-6.	0.9	7
578	Application of N-PLS calibration to the simultaneous determination of Cu <sup>2+</sup> , Cd <sup>2+</sup> and Pb <sup>2+</sup> using peptide modified electrochemical sensors. <i>Analyst, The</i> , 2006, 131, 1051.	1.7	37
579	Emerging Investigators Special Issue. <i>Analyst, The</i> , 2006, 131, 179.	1.7	0
580	Preparation and characterisation of an aligned carbon nanotube array on the silicon (100) surface. <i>Soft Matter</i> , 2006, 2, 1081-1088.	1.2	49
581	Charge Transfer through DNA: A Selective Electrochemical DNA Biosensor. <i>Analytical Chemistry</i> , 2006, 78, 2138-2144.	3.2	165
582	How Important Is the Interfacial Chemical Bond for Electron Transport through Alkyl Chain Monolayers?. <i>Nano Letters</i> , 2006, 6, 2873-2876.	4.5	68
583	Single-Step DNA Immobilization on Antifouling Self-Assembled Monolayers Covalently Bound to Silicon (111). <i>Langmuir</i> , 2006, 22, 3494-3496.	1.6	73
584	An Interface Comprising Molecular Wires and Poly(ethylene glycol) Spacer Units Self-Assembled on Carbon Electrodes for Studies of Protein Electrochemistry. <i>Langmuir</i> , 2006, 22, 7421-7430.	1.6	148
585	Importance of Monolayer Quality for Interpreting Current Transport through Organic Molecules: Å Alkyls on Oxide-Free Si. <i>Langmuir</i> , 2006, 22, 6915-6922.	1.6	136
586	Nanoscale Biosensors: Significant Advantages over Larger Devices?. <i>Small</i> , 2006, 2, 313-315.	5.2	39
587	Determination of sulfite in beer samples using an amperometric fill and flow channel biosensor employing sulfite oxidase. <i>Analytica Chimica Acta</i> , 2006, 556, 195-200.	2.6	37
588	Biosensor technology for detecting biological warfare agents: Recent progress and future trends. <i>Analytica Chimica Acta</i> , 2006, 559, 137-151.	2.6	177
589	Surface reconstitution of glucose oxidase onto a norbornylogous bridge self-assembled monolayer. <i>Chemical Physics</i> , 2006, 324, 226-235.	0.9	26
590	Study of Factors Affecting the Performance of Voltammetric Copper Sensors Based on Gly-Gly-His Modified Glassy Carbon and Gold Electrodes. <i>Electroanalysis</i> , 2006, 18, 1141-1151.	1.5	57
591	Peptide Modified Electrodes as Electrochemical Metal Ion Sensors. <i>Electroanalysis</i> , 2006, 18, 1437-1448.	1.5	113
592	Lyotropic Liquid Crystal Templating of Groups 11 and 12 Metal Films. <i>Electroanalysis</i> , 2006, 18, 1558-1563.	1.5	28
593	DNA Biosensor Concepts Based on a Change in the DNA Persistence Length upon Hybridization. <i>Electroanalysis</i> , 2006, 18, 1971-1981.	1.5	54
594	Optimisation of Nanostructured Porous Silicon Surface Chemistry Towards Biophotonic Sensors. , 2006, , .		3

#	ARTICLE	IF	CITATIONS
595	Evidence for Why Tri(ethylene oxide) Functionalized Si-C Linked Monolayers on Si(111) Have Inferior Protein Antifouling Properties Relative to the Equivalent Alkanethiol Monolayers Assembled on Gold. <i>Australian Journal of Chemistry</i> , 2005, 58, 660.	0.5	17
596	Analytical performance and characterization of MPA-Gly-Gly-His modified sensors. <i>Sensors and Actuators B: Chemical</i> , 2005, 111-112, 540-548.	4.0	58
597	Further development of an electrochemical DNA hybridization biosensor based on long-range electron transfer. <i>Sensors and Actuators B: Chemical</i> , 2005, 111-112, 515-521.	4.0	40
598	Electrochemical approach of anticancer drugs's DNA interaction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 205-217.	1.4	286
599	His's Ser's Gln's Lys's Val's Phe as a selective ligand for the voltammetric determination of Cd <sup>2+</sup> . <i>Electrochemistry Communications</i> , 2005, 7, 101-106.	2.3	43
600	Electrochemical detection of lead ions via the covalent attachment of human angiotensin I to mercaptopropionic acid and thioctic acid self-assembled monolayers. <i>Analytica Chimica Acta</i> , 2005, 543, 167-176.	2.6	73
601	The modification of glassy carbon and gold electrodes with aryl diazonium salt: The impact of the electrode materials on the rate of heterogeneous electron transfer. <i>Chemical Physics</i> , 2005, 319, 136-146.	0.9	165
602	Demonstration of the advantages of using bamboo-like nanotubes for electrochemical biosensor applications compared with single walled carbon nanotubes. <i>Electrochemistry Communications</i> , 2005, 7, 1457-1462.	2.3	72
603	Nanostructuring electrodes with carbon nanotubes: A review on electrochemistry and applications for sensing. <i>Electrochimica Acta</i> , 2005, 50, 3049-3060.	2.6	1,003
604	DNA Recognition Interfaces: The Influence of Interfacial Design on the Efficiency and Kinetics of Hybridization. <i>Langmuir</i> , 2005, 21, 6957-6965.	1.6	153
605	Achieving Direct Electrical Connection to Glucose Oxidase Using Aligned Single Walled Carbon Nanotube Arrays. <i>Electroanalysis</i> , 2005, 17, 38-46.	1.5	302
606	Mapping of defects in self-assembled monolayers by polymer decoration. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 512-519.	1.2	13
607	Carbon Nanotube Systems to Communicate With Enzymes. , 2005, 300, 225-242.		8
608	Electrochemical Transduction of DNA Hybridization by Long-Range Electron Transfer. <i>Australian Journal of Chemistry</i> , 2005, 58, 280.	0.5	8
609	Unusually rapid heterogeneous electron transfer through a saturated bridge 18 bonds in length. <i>Chemical Communications</i> , 2005, , 631.	2.2	28
610	Proximity extension of circular DNA aptamers with real-time protein detection. <i>Nucleic Acids Research</i> , 2005, 33, e64-e64.	6.5	164
611	Stepwise Synthesis of Gly~Gly~His on Gold Surfaces Modified with Mixed Self-Assembled Monolayers. <i>Langmuir</i> , 2005, 21, 260-265.	1.6	27
612	Formation of Tetra(ethylene oxide) Terminated Si~C Linked Monolayers and Their Derivatization with Glycine: An Example of a Generic Strategy for the Immobilization of Biomolecules on Silicon. <i>Langmuir</i> , 2005, 21, 10522-10529.	1.6	67

#	ARTICLE	IF	CITATIONS
613	Length Dependence of Charge Transport in Nanoscopic Molecular Junctions Incorporating a Series of Rigid Thiol-Terminated Norbornylogs. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5207-5215.	1.2	32
614	Voltammetric detection of cadmium ions at glutathione-modified gold electrodes. <i>Analyst, The</i> , 2005, 130, 831.	1.7	87
615	Surface pKa of Self-Assembled Monolayers. <i>Journal of Chemical Education</i> , 2005, 82, 779.	1.1	19
616	Nucleic acid biosensors based upon surface-assembled monolayers: exploiting and enhancing materials properties. <i>Journal of Materials Chemistry</i> , 2005, 15, 4876.	6.7	19
617	Demonstration of the importance of oxygenated species at the ends of carbon nanotubes for their favourable electrochemical properties. <i>Chemical Communications</i> , 2005, , 842-844.	2.2	221
618	... yet even flawed films raise interest in research. <i>Nature</i> , 2004, 431, 244-244.	13.7	4
619	Enzymatic Synthesis of Redox-Labeled RNA and Dual-Potential Detection at DNA-Modified Electrodes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2809-2812.	7.2	46
620	A comparison of cationic and anionic intercalators for the electrochemical transduction of DNA hybridization via long range electron transfer. <i>Electrochemistry Communications</i> , 2004, 6, 648-654.	2.3	79
621	Electrochemical modulation of antigen-antibody binding. <i>Biosensors and Bioelectronics</i> , 2004, 20, 260-268.	5.3	68
622	Multipotential Electrochemical Detection of Primer Extension Reactions on DNA Self-Assembled Monolayers. <i>Journal of the American Chemical Society</i> , 2004, 126, 4120-4121.	6.6	79
623	Heterogeneous Electron-Transfer Kinetics for Flavin Adenine Dinucleotide and Ferrocene through Alkanethiol Mixed Monolayers on Gold Electrodes. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8460-8466.	1.2	74
624	Scanning probe microscopy characterization of immobilized enzyme molecules on a biosensor surface: Visualisation of individual molecules. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 93-106.	0.4	14
625	Using the Aggregation of Latex Polymers in the Fabrication of Reproducible Enzyme Electrodes. <i>Electroanalysis</i> , 2003, 15, 1364-1368.	1.5	3
626	Self-Assembled Monolayers into the 21st Century: Recent Advances and Applications. <i>Electroanalysis</i> , 2003, 15, 81-96.	1.5	547
627	Which Parameters Affect the Response of the Channel Biosensor?. <i>Electroanalysis</i> , 2003, 15, 183-190.	1.5	6
628	An oxygen-rich fill-and-flow channel biosensor. <i>Biosensors and Bioelectronics</i> , 2003, 18, 827-833.	5.3	7
629	Biosensors for Detecting Metal Ions: New Trends. <i>Australian Journal of Chemistry</i> , 2003, 56, 159.	0.5	23
630	Electronic Detection of Target Nucleic Acids by a 2,6-Disulfonic Acid Anthraquinone Intercalator. <i>Analytical Chemistry</i> , 2003, 75, 3845-3852.	3.2	111

#	ARTICLE	IF	CITATIONS
631	Analysis of Self-Assembled Monolayer Interfaces by Electrospray Mass Spectrometry: A Gentle Approach. <i>Analytical Chemistry</i> , 2003, 75, 6741-6744.	3.2	11
632	Solution to the Problem of Interferences in Electrochemical Sensors Using the Fill-and-Flow Channel Biosensor. <i>Analytical Chemistry</i> , 2003, 75, 593-600.	3.2	28
633	Protein Electrochemistry Using Aligned Carbon Nanotube Arrays. <i>Journal of the American Chemical Society</i> , 2003, 125, 9006-9007.	6.6	853
634	Exploring the use of the tripeptide Gly-Gly-His as a selective recognition element for the fabrication of electrochemical copper sensors. <i>Analyst, The</i> , 2003, 128, 712-718.	1.7	127
635	The ion gating effect: using a change in flexibility to allow label free electrochemical detection of DNA hybridisation Electronic supplementary information (ESI) available: CVs: ss-DNA modified electrode exposed to a non-complementary sequence; MCE-modified gold electrode. See <a href="http://www.rsc.org/suppdata/cc/b3/b305798b/">http://www.rsc.org/suppdata/cc/b3/b305798b/</a> . <i>Chemical Communications</i> , 2003, , 1938.	2.2	54
636	Atomic Force Microscopy Imaging of Glucose Oxidase using Chemically Modified Tips. <i>Australian Journal of Chemistry</i> , 2003, 56, 1039.	0.5	5
637	Cryogenic cleavage used in gold substrate production. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2002, 20, 2265.	1.6	20
638	Scanning Tunneling Microscopy Studies of Glucose Oxidase on Gold Surfaces. <i>Langmuir</i> , 2002, 18, 5422-5428.	1.6	61
639	Electrochemical detection of hybridization using peptide nucleic acids and methylene blue on self-assembled alkanethiol monolayer modified gold electrodes. <i>Electrochemistry Communications</i> , 2002, 4, 796-802.	2.3	93
640	Integrating polymers with alkanethiol self-assembled monolayers (SAMs): blocking SAM defects with electrochemical polymerisation of tyramine. <i>Electrochemistry Communications</i> , 2002, 4, 953-958.	2.3	13
641	Voltammetric determination of DNA hybridization using methylene blue and self-assembled alkanethiol monolayer on gold electrodes. <i>Analytica Chimica Acta</i> , 2002, 462, 39-47.	2.6	230
642	Kinetics of Irreversible Adsorption with Diffusion: Application to Biomolecule Immobilization. <i>Langmuir</i> , 2002, 18, 1770-1776.	1.6	86
643	A Kinetic Model to Evaluate Cholesterol Efflux from THP-1 Macrophages to Apolipoprotein A-1. <i>Biochemistry</i> , 2001, 40, 9363-9373.	1.2	37
644	Sub-ppt detection limits for copper ions with Gly-Gly-His modified electrodes. <i>Chemical Communications</i> , 2001, , 1982-1983.	2.2	157
645	Atomically Flat Gold for Biomolecule Immobilization and Imaging. <i>Australian Journal of Chemistry</i> , 2001, 54, 643.	0.5	20
646	Bioanalytical Experiments for the Undergraduate Laboratory: Monitoring Glucose in Sports Drinks. <i>Journal of Chemical Education</i> , 2001, 78, 788.	1.1	23
647	Redox voltammetry of sub-parts per billion levels of Cu <sup>2+</sup> at polyaspartate-modified gold electrodes. <i>Analyst, The</i> , 2001, 126, 1573-1577.	1.7	74
648	Influence of Surface Topography on Alkanethiol SAMs Assembled from Solution and by Microcontact Printing. <i>Langmuir</i> , 2001, 17, 3307-3316.	1.6	119

#	ARTICLE	IF	CITATIONS
649	Parameters Important in Fabricating Enzyme Electrodes Using Self-Assembled Monolayers of Alkanethiols.. <i>Analytical Sciences</i> , 2001, 17, 3-9.	0.8	73
650	Concentration dependence in microcontact printing of self-assembled monolayers (SAMs) of alkanethiols. <i>Electrochemistry Communications</i> , 2001, 3, 722-726.	2.3	26
651	The Influence of the Underlying Gold Substrate on Glucose Oxidase Electrodes Fabricated Using Self-Assembled Monolayers. <i>Electroanalysis</i> , 2001, 13, 1385-1393.	1.5	47
652	Development of Potentiometric Biosensors Using Electrodeposited Polytyramine as the Enzyme Immobilization Matrix. <i>Electroanalysis</i> , 2001, 13, 1469-1474.	1.5	25
653	Characterisation of gold electrodes modified with self-assembled monolayers of l-cysteine for the adsorptive stripping analysis of copper. <i>Journal of Electroanalytical Chemistry</i> , 2001, 516, 10-16.	1.9	256
654	An Experimental Design Study of Interferences of Clinical Relevance of a Polytyramine Immobilized-Enzyme Biosensor. <i>Electroanalysis</i> , 2000, 12, 111-119.	1.5	22
655	Amperometric biosensor with enzyme amplification fabricated using self-assembled monolayers of alkanethiols: the influence of the spatial distribution of the enzymes. <i>Electrochemistry Communications</i> , 2000, 2, 217-221.	2.3	67
656	Parameters important in tuning the response of monolayer enzyme electrodes fabricated using self-assembled monolayers of alkanethiols. <i>Biosensors and Bioelectronics</i> , 2000, 15, 229-239.	5.3	81
657	SYNTHESIS OF N-(3-MERCAPTOPROPANOYL)-AZA-18-CROWN-6, N-(4-MERCAPTOLUTANOYL)-AZA-18-CROWN-6 AND THEIR DIMERS. <i>Organic Preparations and Procedures International</i> , 1999, 31, 425-429.	0.6	7
658	The application of alkanethiol self-assembled monolayers to enzyme electrodes. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 525-533.	5.8	228
659	Immobilisation of enzyme throughout a polytyramine matrix: a versatile procedure for fabricating biosensors. <i>Analytica Chimica Acta</i> , 1999, 394, 211-223.	2.6	69
660	Acrylate polymer immobilisation of enzymes. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 364, 58-65.	1.5	8
661	A sulfite biosensor fabricated using electrodeposited polytyramine: application to wine analysis. <i>Analyst</i> , 1999, 124, 1775-1779.	1.7	76
662	An assay for the determination of the amount of glucose oxidase immobilised in an enzyme electrode. <i>Analytical Communications</i> , 1999, 36, 225-228.	2.2	41
663	Frequency Domain Selection of the Peroxide Signal for Amperometric Biosensors. <i>Electroanalysis</i> , 1998, 10, 1089-1095.	1.5	8
664	From Thick Films to Monolayer Recognition Layers in Amperometric Enzyme Electrodes. <i>Electroanalysis</i> , 1998, 10, 1130-1136.	1.5	49
665	Electrodeposited polytyramine as an immobilisation matrix for enzyme biosensors. <i>Biosensors and Bioelectronics</i> , 1998, 13, 953-962.	5.3	94
666	A Fill-and-Flow Biosensor. <i>Analytical Chemistry</i> , 1998, 70, 3131-3136.	3.2	24

#	ARTICLE	IF	CITATIONS
667	Platinum-Catalyzed Enzyme Electrodes Immobilized on Gold Using Self-Assembled Layers. <i>Analytical Chemistry</i> , 1998, 70, 2396-2402.	3.2	248
668	Exploring Sensors to Monitor Some Environmental Discharges. , 1998, , 227-237.		4
669	Novel "Flow Injection"-Channel Flow Cell for the Investigation of Processes at Solid~Liquid Interfaces. 1. Theory. <i>Journal of Physical Chemistry B</i> , 1997, 101, 175-181.	1.2	12
670	Novel "Flow Injection"-Channel Flow Cell for the Investigation of Processes at Solid/Liquid Interfaces. 2. Experiment. <i>Journal of Physical Chemistry B</i> , 1997, 101, 182-188.	1.2	9
671	Physical study of film-forming acrylate emulsion polymers for biosensor applications. <i>Analytica Chimica Acta</i> , 1997, 349, 131-141.	2.6	19
672	Parameters in the design of oxygen detecting oxidase enzyme electrodes. <i>Electroanalysis</i> , 1996, 8, 407-413.	1.5	42
673	The Dyeing of Nylon and Cotton Cloth with Azo Dyes: Kinetics and Mechanism. <i>Journal of Colloid and Interface Science</i> , 1996, 180, 605-613.	5.0	12
674	Membrane properties of acrylate bulk polymers for biosensor applications. <i>Biosensors and Bioelectronics</i> , 1996, 11, 1031-1040.	5.3	35
675	Chronoamperometry at channel electrodes: analytical theory of transient behaviour at double electrodes. <i>Journal of Applied Electrochemistry</i> , 1996, 26, 463-469.	1.5	9
676	Redox enzyme linked electrochemical sensors: Theory meets practice. <i>Mikrochimica Acta</i> , 1995, 121, 119-145.	2.5	56
677	Cis-trans photoisomerization of a surfactant O-protonated stilbazolium betaine in micellar systems. <i>Langmuir</i> , 1990, 6, 285-288.	1.6	4
678	Celebrating Wolfgang Schuhmann's 65th Birthday. <i>ChemElectroChem</i> , 0, , .	1.7	0
679	The Influence of Nanoconfinement on Electrocatalysis. <i>Angewandte Chemie</i> , 0, , .	1.6	6
680	Flow-based synthesis of gold-coated magnetic nanoparticles for magneto-plasmonic sensing applications. <i>Particle and Particle Systems Characterization</i> , 0, , 2200051.	1.2	1