

# Daniel A Heller

## List of PR Articles by Year in descending order

Source: [//exaly.com/author-pdf/5681680/publications.pdf](https://exaly.com/author-pdf/5681680/publications.pdf)

Version: 2025-02-01

147

PR articles

9,182

PR citations

31116

47

PR h-index

37214

86

g-index

168

documents

12469

doc citations

23166

55

h-index

14232

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Microenvironment actuated CAR T cells improve solid tumor efficacy without toxicity. <i>Science Advances</i> , 2025, 11, .	11.2	11
2	Quantum Defect Sensitization via Phase-Changing Supercharged Antibody Fragments. <i>Journal of the American Chemical Society</i> , 2024, 146, 12454-12462.	15.1	15
3	Diagnostic QR Codes. <i>ECS Meeting Abstracts</i> , 2024, MA2024-01, 854-854.	0.0	0
4	A pan-cancer dye for solid-tumour screening, resection and wound monitoring via short-wave and near-infrared fluorescence imaging. <i>Nature Biomedical Engineering</i> , 2024, 8, 1092-1108.	23.0	17
5	P-selectin-targeted nanocarriers induce active crossing of the blood-brain barrier via caveolin-1-dependent transcytosis. <i>Nature Materials</i> , 2023, 22, 391-399.	35.1	177
6	Hematoxylin Nuclear Stain Reports Oxidative Stress via Near-Infrared Emission. <i>ACS Chemical Biology</i> , 2023, 18, 1237-1245.	3.8	1
7	Nanosensor-based monitoring of autophagy-associated lysosomal acidification in vivo. <i>Nature Chemical Biology</i> , 2023, 19, 1448-1457.	12.2	64
8	Micro-engineering and nano-engineering approaches to investigate tumour ecosystems. <i>Nature Reviews Cancer</i> , 2023, 23, 581-599.	58.3	35
9	Carbon Nanotube-Based Nanosensor Reports Lysosomal pH and Autophagy Activation in vivo. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1144-1144.	0.0	0
10	Protein Engineering to Modulate Carbon Nanotube Photoluminescence Response. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1145-1145.	0.0	0
11	Advanced Data Analytics and Organic Color Centers for Diagnostic Applications. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1221-1221.	0.0	0
12	(Best Poster Related to Industrial/Applied Science) A Carbon Nanotube Sensor Array for Monitoring Cytokine Release Syndrome. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1168-1168.	0.0	0
13	Guanine Functionalization for Improved ssDNA-Nanotube Colloidal Stability. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1160-1160.	0.0	0
14	Carbon Nanotube Optical Reporters for Cancer Drug Discovery. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1143-1143.	0.0	0
15	(Invited) Carbon Nanotube Photoluminescence for Cancer Research and Diagnosis. <i>ECS Meeting Abstracts</i> , 2023, MA2023-01, 1228-1228.	0.0	0
16	Human and environmental safety of carbon nanotubes across their life cycle. <i>Nature Reviews Materials</i> , 2023, 9, 63-81.	73.0	93
17	Fragment-based drug nanoaggregation reveals drivers of self-assembly. <i>Nature Communications</i> , 2023, 14, .	13.9	16
18	Kidney-Targeted Redox Scavenger Therapy Prevents Cisplatin-Induced Acute Kidney Injury. <i>Frontiers in Pharmacology</i> , 2022, 12, .	4.0	25

#	ARTICLE	IF	PR CITATIONS
19	Hyperspectral Counting of Multiplexed Nanoparticle Emitters in Single Cells and Organelles. ACS Nano, 2022, 16, 3092-3104.	15.3	12
20	Kidney-Targeted Renalase Agonist Prevents Cisplatin-Induced Chronic Kidney Disease by Inhibiting Regulated Necrosis and Inflammation. Journal of the American Society of Nephrology: JASN, 2022, 33, 342-356.	0.4	58
21	Detection of ovarian cancer via the spectral fingerprinting of quantum-defect-modified carbon nanotubes in serum by machine learning. Nature Biomedical Engineering, 2022, 6, 267-275.	23.0	177
22	Merging data curation and machine learning to improve nanomedicines. Advanced Drug Delivery Reviews, 2022, 183, 114172.	15.6	83
23	The IFN $\beta$ -PDL1 Pathway Enhances CD8T-DCT Interaction to Promote Hypertension. Circulation Research, 2022, 130, 1550-1564.	12.6	39
24	Optical Nanosensor for Intracellular and Intracranial Detection of Amyloid-Beta. ACS Nano, 2022, 16, 7269-7283.	15.3	38
25	Drug-Eluting Rubber Bands for Tissue Ligation. ACS Applied Materials & Interfaces, 2022, 14, 27675-27685.	8.0	1
26	Machine Learning for Carbon Nanotube Optical Sensors. ECS Meeting Abstracts, 2022, MA2022-01, 714-714.	0.0	0
27	Carbon Nanotube Quantum Defect Photoluminescence Modulation for Biosensors. ECS Meeting Abstracts, 2022, MA2022-01, 686-686.	0.0	0
28	(Invited) Advances in Swir In Vivo Fluorescence Imaging Instrumentation. ECS Meeting Abstracts, 2022, MA2022-01, 676-676.	0.0	0
29	(Invited) Developing Optical Nanosensors for the Early Detection of Gynecologic Cancers. ECS Meeting Abstracts, 2022, MA2022-01, 689-689.	0.0	1
30	Organic Color Center-based Optical Nanosensors to Monitor Lysosomal Activity. ECS Meeting Abstracts, 2022, MA2022-01, 693-693.	0.0	0
31	(Invited) Machine Learning for DNA/SWCNT Based Molecular Perceptron: Finding Sequences and Training Sensor Arrays. ECS Meeting Abstracts, 2022, MA2022-01, 687-687.	0.0	0
32	Tumor-targeted nanoparticles improve the therapeutic index of BCL2 and MCL1 dual inhibition. Blood, 2021, 137, 2057-2069.	4.2	35
33	Harnessing nanotechnology to expand the toolbox of chemical biology. Nature Chemical Biology, 2021, 17, 129-137.	12.2	34
34	Targeted drug delivery strategies for precision medicines. Nature Reviews Materials, 2021, 6, 351-370.	73.0	967
35	Developing Ovarian Cancer Sensors Using Molecular Perceptron. ECS Meeting Abstracts, 2021, MA2021-01, 538-538.	0.0	0
36	Development of In Vivo Nanosensors Using Organic Color Centers. ECS Meeting Abstracts, 2021, MA2021-01, 531-531.	0.0	0

#	ARTICLE	IF	PR CITATIONS
37	(Invited) Organic Color Center Photoluminescence Modulation for Biomedical Applications. ECS Meeting Abstracts, 2021, MA2021-01, 560-560.	0.0	0
38	(Invited) Machine Learning for DNA/SWCNT Based Molecular Perceptron: Finding Sequences and Training Sensor Arrays. ECS Meeting Abstracts, 2021, MA2021-01, 567-567.	0.0	0
39	Preclinical Imaging and Spectroscopy in the NIR-II Window with Indocyanine Green (ICG) and Single-Walled Carbon Nanotubes. ECS Meeting Abstracts, 2021, MA2021-01, 537-537.	0.0	1
40	Development of Single-Walled Carbon Nanotube-Based Optical Sensors Via Data Analytics. ECS Meeting Abstracts, 2021, MA2021-01, 523-523.	0.0	1
41	(Invited) Optical Characterization of Nanomaterial By Means of Hyperspectral Global Imaging. ECS Meeting Abstracts, 2021, MA2021-01, 673-673.	0.0	0
42	En route to single-step, two-phase purification of carbon nanotubes facilitated by high-throughput spectroscopy. Scientific Reports, 2021, 11, .	3.5	27
43	Organic Color Center Platform for Cancer Diagnosis. ECS Meeting Abstracts, 2021, MA2021-01, 562-562.	0.0	0
44	Non-Covalent Coatings on Carbon Nanotubes Mediate Photosensitizer Interactions. ACS Applied Materials & Interfaces, 2021, 13, 51343-51350.	8.0	2
45	A perception-based nanosensor platform to detect cancer biomarkers. Science Advances, 2021, 7, .	11.2	89
46	Long-term in vivo biocompatibility of single-walled carbon nanotubes. PLoS ONE, 2020, 15, e0226791.	2.4	93
47	Selective nanoparticle-mediated targeting of renal tubular Toll-like receptor 9 attenuates ischemic acute kidney injury. Kidney International, 2020, 98, 76-87.	5.1	87
48	Senescence-Induced Vascular Remodeling Creates Therapeutic Vulnerabilities in Pancreas Cancer. Cell, 2020, 181, 424-441.e21.	34.4	354
49	Renal proximal tubular NEMO plays a critical role in ischemic acute kidney injury. JCI Insight, 2020, 5, .	5.4	15
50	Developing Ovarian Cancer Sensors Using Molecular Perceptron. ECS Meeting Abstracts, 2020, MA2020-01, 645-645.	0.0	0
51	Preclinical Imaging and Spectroscopy in the NIR-II Window with Single-Walled Carbon Nanotubes. ECS Meeting Abstracts, 2020, MA2020-01, 711-711.	0.0	0
52	(Invited) Optical Characterization of Nanomaterial By Means of Hyperspectral Global Imaging. ECS Meeting Abstracts, 2020, MA2020-01, 955-955.	0.0	0
53	(Invited) In Vivo Analyte Detection Via Single-Walled Carbon Nanotube Near-Infrared Fluorescence. ECS Meeting Abstracts, 2020, MA2020-01, 638-638.	0.0	1
54	(Invited) Development of Single-Walled Carbon Nanotube-Based Optical Sensors Via Data Analytics. ECS Meeting Abstracts, 2020, MA2020-01, 694-694.	0.0	0

#	ARTICLE	IF	PR CITATIONS
55	Machine Learning for Molecular Perceptron: A Perception-Based Sensing System. ECS Meeting Abstracts, 2020, MA2020-01, 632-632.	0.0	0
56	Organic Color Center Photoluminescence Modulation for Biomedical Applications. ECS Meeting Abstracts, 2020, MA2020-01, 647-647.	0.0	0
57	Real-Time, In Vivo Monitoring of Pharmacodynamics in Solid Tumors Using Organic Color Centers. ECS Meeting Abstracts, 2020, MA2020-02, 3421-3421.	0.0	0
58	Welcome Remarks - M03: In Vivo Nano Biosensors. ECS Meeting Abstracts, 2020, MA2020-02, Open-Open.	0.0	0
59	Detecting Alzheimer's Disease Biomarkers in-Vivo with Near-Infrared Optical Nanosensors. ECS Meeting Abstracts, 2020, MA2020-02, 3410-3410.	0.0	0
60	Non-Invasive Cytokine Detection Via Organic Color Center Patch. ECS Meeting Abstracts, 2020, MA2020-02, 3424-3424.	0.0	0
61	Carbon Nanotube and Organic Color Center Solvatochromism in Biomedicine. ECS Meeting Abstracts, 2020, MA2020-02, 3409-3409.	0.0	0
62	(Invited) In Vivo Analyte Detection Via Single-Walled Carbon Nanotube Near-Infrared Fluorescence. ECS Meeting Abstracts, 2020, MA2020-02, 3417-3417.	0.0	0
63	In Vivo Biocompatibility of Single Walled Carbon Nanotubes. ECS Meeting Abstracts, 2020, MA2020-02, 3415-3415.	0.0	0
64	Nanosensor Array Platform to Capture Whole Disease Fingerprints. ECS Meeting Abstracts, 2020, MA2020-02, 3398-3398.	0.0	0
65	Synthetic molecular recognition nanosensor paint for microalbuminuria. Nature Communications, 2019, 10, .	13.9	71
66	Electroporation-induced changes in tumor vasculature and microenvironment can promote the delivery and increase the efficacy of sorafenib nanoparticles. Bioelectrochemistry, 2019, 130, 107328.	4.4	13
67	Can Fish and Cell Phones Teach Us about Our Health?. ACS Sensors, 2019, 4, 2566-2570.	8.8	4
68	Optical Voltammetry of Polymer-Encapsulated Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2019, 123, 24200-24208.	3.1	8
69	HIV Detection via a Carbon Nanotube RNA Sensor. ACS Sensors, 2019, 4, 1236-1244.	8.8	86
70	Progress Towards Single-Walled Carbon Nanotube Applications in Biomedicine and the Exoneration of Toxicity. ECS Meeting Abstracts, 2019, , .	0.0	0
71	Nanocarbons through the Artist's Lens. ECS Meeting Abstracts, 2019, MA2019-01, 747-747.	0.0	1
72	(Invited) Carbon Nanotube Photoluminescence Solvatochromism in Biomedicine: Spectroscopy, Imaging, and Modulation. ECS Meeting Abstracts, 2019, , .	0.0	0

#	ARTICLE	IF	PR CITATIONS
73	Protein Biomarker Detection with Carbon Nanotube-Based Sensors. ECS Meeting Abstracts, 2019, , .	0.0	0
74	Noninvasive ovarian cancer biomarker detection via an optical nanosensor implant. Science Advances, 2018, 4, .	11.2	164
75	Quantitative self-assembly prediction yields targeted nanomedicines. Nature Materials, 2018, 17, 361-368.	35.1	198
76	Selective Nanoparticle Targeting of the Renal Tubules. Hypertension, 2018, 71, 87-94.	7.0	116
77	An optical nanoreporter of endolysosomal lipid accumulation reveals enduring effects of diet on hepatic macrophages in vivo. Science Translational Medicine, 2018, 10, .	13.4	105
78	A Fluorescent Carbon Nanotube Sensor Detects the Metastatic Prostate Cancer Biomarker uPA. ACS Sensors, 2018, 3, 1838-1845.	8.8	110
79	Electrostatic Screening Modulates Analyte Binding and Emission of Carbon Nanotubes. Journal of Physical Chemistry C, 2018, 122, 10592-10599.	3.1	18
80	(Invited) Carbon Nanotube Photoluminescence Spectroscopy for Applications in Cancer Research. ECS Meeting Abstracts, 2018, , .	0.0	0
81	Carbon Nanotube-Based Sensors for Early Cancer Detection. ECS Meeting Abstracts, 2018, , .	0.0	0
82	Helical Polycarbodiimide-Cloaked Carbon Nanotubes for Biomedical Applications. ECS Meeting Abstracts, 2018, , .	0.0	0
83	Reviewâ€”Progress toward Applications of Carbon Nanotube Photoluminescence. ECS Journal of Solid State Science and Technology, 2017, 6, M3075-M3077.	2.1	32
84	Advances in the clinical translation of nanotechnology. Current Opinion in Biotechnology, 2017, 46, 66-73.	7.0	38
85	Tumour-specific PI3K inhibition via nanoparticle-targeted delivery in head and neck squamous cell carcinoma. Nature Communications, 2017, 8, .	13.9	105
86	A Carbon Nanotube Optical Sensor Reports Nuclear Entry <i>via</i> a Noncanonical Pathway. ACS Nano, 2017, 11, 3875-3882.	15.3	58
87	Polymer cloaking modulates the carbon nanotube protein corona and delivery into cancer cells. Journal of Materials Chemistry B, 2017, 5, 6637-6644.	5.6	29
88	A carbon nanotube reporter of microRNA hybridization events in vivo. Nature Biomedical Engineering, 2017, 1, .	23.0	197
89	Redox-active nanomaterials for nanomedicine applications. Nanoscale, 2017, 9, 15226-15251.	5.0	142
90	Control of Carbon Nanotube Solvatochromic Response to Chemotherapeutic Agents. ACS Applied Materials & Interfaces, 2017, 9, 37947-37953.	8.0	28

#	ARTICLE	IF	PR CITATIONS
91	A Carbon Nanotube Optical Reporter Maps Endolysosomal Lipid Flux. ACS Nano, 2017, 11, 10689-10703.	15.3	116
92	DNA-Carbon Nanotube Complexation Affinity and Photoluminescence Modulation Are Independent. ACS Applied Materials & Interfaces, 2017, 9, 21397-21405.	8.0	67
93	(Invited) Developments in Modulating Carbon Nanotube Photoluminescence. ECS Meeting Abstracts, 2017, , .	0.0	0
94	Toward Single-Color Carbon Nanotube Fluorescence Microscopy. ECS Meeting Abstracts, 2017, , .	0.0	0
95	Cylindrical Graphene Nanomaterials for Disease Assessment and Drug Development. ECS Meeting Abstracts, 2017, , .	0.0	0
96	Carbon Nanotube-Based Bioanalytical Sensors. ECS Meeting Abstracts, 2017, , .	0.0	0
97	Cellular Targeting of Carbon Nanotubes By Helical Polymers. ECS Meeting Abstracts, 2017, , .	0.0	0
98	Single-Walled Carbon Nanotubes for the Quantification of Active Chemotherapy Drugs. ECS Meeting Abstracts, 2017, , .	0.0	0
99	Experimental and Computational Approaches to Explore the the Mechanisms of Carbon Nanotube Biosensing. ECS Meeting Abstracts, 2017, , .	0.0	0
100	P-selectin is a nanotherapeutic delivery target in the tumor microenvironment. Science Translational Medicine, 2016, 8, .	13.4	200
101	Nanomedicines for kidney diseases. Kidney International, 2016, 90, 740-745.	5.1	98
102	Cell Membrane Proteins Modulate the Carbon Nanotube Optical Bandgap <i>via</i> Surface Charge Accumulation. ACS Nano, 2016, 10, 499-506.	15.3	78
103	Photoluminescent carbon nanotubes interrogate the permeability of multicellular tumor spheroids. Carbon, 2016, 97, 99-109.	10.7	45
104	Imaging and Spectroscopy of Carbon Nanotube Optical Reporters to Probe Biological Environments. ECS Meeting Abstracts, 2016, , .	0.0	0
105	Photoluminescent Carbon Nanotubes Interrogate the Permeability of Multicellular Tumor Spheroids. ECS Meeting Abstracts, 2016, , .	0.0	0
106	Carbon Nanotube Photoluminescence Modulation for Bioanalytical Measurements. ECS Meeting Abstracts, 2016, , .	0.0	0
107	Applying the Ionic Field-Effect Photoluminescence of Semiconducting Carbon Nanotubes for Circuit-Free Electroanalytics. ECS Meeting Abstracts, 2016, , .	0.0	0
108	Single-Walled Carbon Nanotubes for the Quantification of Biomarkers in Biofluids. ECS Meeting Abstracts, 2016, , .	0.0	0

#	ARTICLE	IF	PR CITATIONS
109	Biomarker Detection By Single-Walled Carbon Nanotube Optical Bandgap Modulation. ECS Meeting Abstracts, 2016, , .	0.0	0
110	Examining the Sub-Cellular Localization of Single-Walled Carbon Nanotubes. ECS Meeting Abstracts, 2016, , .	0.0	0
111	Non-Destructive Detection of Metabolites Using Single Walled Carbon Nanotubes. ECS Meeting Abstracts, 2016, , .	0.0	0
112	Sub-Cellular Localization of Photoluminescent Single-Walled Carbon Nanotubes in Human Cancer Cells. ECS Meeting Abstracts, 2016, , .	0.0	0
113	Carbon Nanotube Photoluminescence for Bioelectroanalytical Measurements. ECS Meeting Abstracts, 2016, , .	0.0	0
114	(Invited) Cell Membrane Proteins Modulate the Carbon Nanotube Optical Bandgap Via Surface Charge Accumulation. ECS Meeting Abstracts, 2016, , .	0.0	0
115	Hyperspectral Microscopy of Near-Infrared Fluorescence Enables 17-Chirality Carbon Nanotube Imaging. Scientific Reports, 2015, 5, .	3.5	135
116	Synthesis, pharmacokinetics, and biological use of lysine-modified single-walled carbon nanotubes. International Journal of Nanomedicine, 2014, , 4245.	5.4	22
117	Helical Polycarbodiimide Cloaking of Carbon Nanotubes Enables Inter-Nanotube Exciton Energy Transfer Modulation. Journal of the American Chemical Society, 2014, 136, 15545-15550.	15.1	58
118	A Rapid, Direct, Quantitative, and Label-Free Detector of Cardiac Biomarker Troponin T Using Near-Infrared Fluorescent Single-Walled Carbon Nanotube Sensors. Advanced Healthcare Materials, 2014, 3, 412-423.	8.8	89
119	Molecular recognition using corona phase complexes made of synthetic polymers adsorbed on carbon nanotubes. Nature Nanotechnology, 2013, 8, 959-968.	33.1	350
120	A vector-free microfluidic platform for intracellular delivery. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2082-2087.	7.8	452
121	Modular "Click-in" Emulsion™ Bone-Targeted Nanogels. Advanced Materials, 2013, 25, 1449-1454.	24.3	79
122	Application of Nanoparticle Antioxidants to Enable Hyperstable Chloroplasts for Solar Energy Harvesting. Advanced Energy Materials, 2013, 3, 881-893.	22.4	115
123	Lipid-Modified Aminoglycoside Derivatives for In Vivo siRNA Delivery. Advanced Materials, 2013, 25, 4641-4645.	24.3	37
124	Role of Adsorbed Surfactant in the Reaction of Aryl Diazonium Salts with Single-Walled Carbon Nanotubes. Langmuir, 2012, 28, 1309-1321.	3.8	44
125	Dynamic manipulation of modes in an optical waveguide using dielectrophoresis. Electrophoresis, 2012, 33, 2075-2085.	2.6	7
126	The Chemistry of Single-Walled Nanotubes. MRS Bulletin, 2011, 34, 950-961.	4.2	18

#	ARTICLE	IF	PR CITATIONS
127	Single Molecule Detection of Nitric Oxide Enabled by d(AT) <sup>15</sup> DNA Adsorbed to Near Infrared Fluorescent Single-Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2011, 133, 567-581.	15.1	203
128	Near-Infrared Fluorescent Sensors based on Single-Walled Carbon Nanotubes for Life Sciences Applications. <i>ChemSusChem</i> , 2011, 4, 848-863.	6.2	185
129	Peptide secondary structure modulates single-walled carbon nanotube fluorescence as a chaperone sensor for nitroaromatics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8544-8549.	7.8	142
130	Treating metastatic cancer with nanotechnology. <i>Nature Reviews Cancer</i> , 2011, 12, 39-50.	58.3	1,110
131	A Luciferase/Single-Walled Carbon Nanotube Conjugate for Near-Infrared Fluorescent Detection of Cellular ATP. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1456-1459.	14.1	100
132	Photoelectrochemical complexes for solar energy conversion that chemically and autonomously regenerate. <i>Nature Chemistry</i> , 2010, 2, 929-936.	18.8	129
133	Exciton antennas and concentrators from core-shell and corrugated carbon nanotube filaments of homogeneous composition. <i>Nature Materials</i> , 2010, 9, 833-839.	35.1	81
134	Detection of single-molecule H <sub>2</sub> O <sub>2</sub> signalling from epidermal growth factor receptor using fluorescent single-walled carbon nanotubes. <i>Nature Nanotechnology</i> , 2010, 5, 302-309.	33.1	245
135	The rational design of nitric oxide selectivity in single-walled carbon nanotube near-infrared fluorescence sensors for biological detection. <i>Nature Chemistry</i> , 2009, 1, 473-481.	18.8	257
136	Size-Dependent Cellular Uptake and Expulsion of Single-Walled Carbon Nanotubes: Single Particle Tracking and a Generic Uptake Model for Nanoparticles. <i>ACS Nano</i> , 2009, 3, 149-158.	15.3	514
137	Length-Dependent Optical Effects in Single Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6211-6213.	2.8	54
138	Divalent Ion and Thermally Induced DNA Conformational Polymorphism on Single-walled Carbon Nanotubes. <i>Macromolecules</i> , 2007, 40, 6731-6739.	5.1	67
139	Optical Detection of DNA Conformational Polymorphism on Single-Walled Carbon Nanotubes. <i>Science</i> , 2006, 311, 508-511.	37.0	496
140	Sonication-induced changes in chiral distribution: A complication in the use of single-walled carbon nanotube fluorescence for determining species distribution. <i>Carbon</i> , 2005, 43, 651-653.	10.7	104
141	Patterned networks of mouse hippocampal neurons on peptide-coated gold surfaces. <i>Biomaterials</i> , 2005, 26, 883-889.	12.2	62
142	Achieving Individual-Nanotube Dispersion at High Loading in Single-Walled Carbon Nanotube Composites. <i>Advanced Materials</i> , 2005, 17, 980-984.	24.3	95
143	Color-blind fluorescence detection for four-color DNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5346-5351.	7.8	40
144	Near-infrared optical sensors based on single-walled carbon nanotubes. <i>Nature Materials</i> , 2004, 4, 86-92.	35.1	942

#	ARTICLE	IF	PR CITATIONS
145	Resonant Raman excitation profiles of individually dispersed single walled carbon nanotubes in solution. Applied Physics A: Materials Science and Processing, 2004, 78, 1147-1155.	2.6	144
146	Concomitant Length and Diameter Separation of Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2004, 126, 14567-14573.	15.1	236
147	Design of Polarity-Dependent Immunosensors Based on the Structural Analysis of Engineered Antibodies. ACS Chemical Biology, 0, , .	3.8	1