

Warren W C Chan

List of Publications by Year in descending order

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156
papers

47,630
citations

9264

74
h-index

7518

151
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167
all docs

167
docs citations

167
times ranked

47813
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the Size and Shape Dependence of Gold Nanoparticle Uptake into Mammalian Cells. <i>Nano Letters</i> , 2006, 6, 662-668.	9.1	4,242
2	Analysis of nanoparticle delivery to tumours. <i>Nature Reviews Materials</i> , 2016, 1, .	48.7	3,393
3	Probing the Cytotoxicity of Semiconductor Quantum Dots. <i>Nano Letters</i> , 2004, 4, 11-18.	9.1	3,159
4	The Effect of Nanoparticle Size, Shape, and Surface Chemistry on Biological Systems. <i>Annual Review of Biomedical Engineering</i> , 2012, 14, 1-16.	12.3	3,078
5	Nanoparticle-mediated cellular response is size-dependent. <i>Nature Nanotechnology</i> , 2008, 3, 145-150.	31.5	2,452
6	Elucidating the Mechanism of Cellular Uptake and Removal of Protein-Coated Gold Nanoparticles of Different Sizes and Shapes. <i>Nano Letters</i> , 2007, 7, 1542-1550.	9.1	2,001
7	Luminescent quantum dots for multiplexed biological detection and imaging. <i>Current Opinion in Biotechnology</i> , 2002, 13, 40-46.	6.6	1,975
8	Nanoparticle Size and Surface Chemistry Determine Serum Protein Adsorption and Macrophage Uptake. <i>Journal of the American Chemical Society</i> , 2012, 134, 2139-2147.	13.7	1,601
9	Nanocrystal targeting in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12617-12621.	7.1	1,398
10	Understanding and controlling the interaction of nanomaterials with proteins in a physiological environment. <i>Chemical Society Reviews</i> , 2012, 41, 2780-2799.	38.1	1,385
11	Diagnosing COVID-19: The Disease and Tools for Detection. <i>ACS Nano</i> , 2020, 14, 3822-3835.	14.6	1,360
12	Mediating Tumor Targeting Efficiency of Nanoparticles Through Design. <i>Nano Letters</i> , 2009, 9, 1909-1915.	9.1	1,344
13	The entry of nanoparticles into solid tumours. <i>Nature Materials</i> , 2020, 19, 566-575.	27.5	1,036
14	Nanomedicine. <i>New England Journal of Medicine</i> , 2010, 363, 2434-2443.	27.0	987
15	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	14.6	976
16	Nanoparticle-liver interactions: Cellular uptake and hepatobiliary elimination. <i>Journal of Controlled Release</i> , 2016, 240, 332-348.	9.9	869
17	Effect of Gold Nanoparticle Aggregation on Cell Uptake and Toxicity. <i>ACS Nano</i> , 2011, 5, 5478-5489.	14.6	716
18	Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles. <i>ACS Nano</i> , 2014, 8, 2439-2455.	14.6	693

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19	Mechanism of hard-nanomaterial clearance by the liver. <i>Nature Materials</i> , 2016, 15, 1212-1221.	27.5	686
20	Strategies for the intracellular delivery of nanoparticles. <i>Chemical Society Reviews</i> , 2011, 40, 233-245.	38.1	684
21	Assessing the Effect of Surface Chemistry on Gold Nanorod Uptake, Toxicity, and Gene Expression in Mammalian Cells. <i>Small</i> , 2008, 4, 153-159.	10.0	634
22	Nanotoxicity: the growing need for in vivo study. <i>Current Opinion in Biotechnology</i> , 2007, 18, 565-571.	6.6	625
23	Synthesis and Surface Modification of Highly Monodispersed, Spherical Gold Nanoparticles of 50~200 nm. <i>Journal of the American Chemical Society</i> , 2009, 131, 17042-17043.	13.7	589
24	Investigating the Impact of Nanoparticle Size on Active and Passive Tumor Targeting Efficiency. <i>ACS Nano</i> , 2014, 8, 5696-5706.	14.6	528
25	Quantifying the Ligand-Coated Nanoparticle Delivery to Cancer Cells in Solid Tumors. <i>ACS Nano</i> , 2018, 12, 8423-8435.	14.6	444
26	Quantum-dot nanocrystals for ultrasensitive biological labeling and multicolor optical encoding. <i>Journal of Biomedical Optics</i> , 2002, 7, 532.	2.6	412
27	In vivo Quantum-Dot Toxicity Assessment. <i>Small</i> , 2010, 6, 138-144.	10.0	388
28	DNA assembly of nanoparticle superstructures for controlled biological delivery and elimination. <i>Nature Nanotechnology</i> , 2014, 9, 148-155.	31.5	385
29	Are Quantum Dots Toxic? Exploring the Discrepancy Between Cell Culture and Animal Studies. <i>Accounts of Chemical Research</i> , 2013, 46, 662-671.	15.6	378
30	Enhancing the Toxicity of Cancer Chemotherapeutics with Gold Nanorod Hyperthermia. <i>Advanced Materials</i> , 2008, 20, 3832-3838.	21.0	371
31	Elimination Pathways of Nanoparticles. <i>ACS Nano</i> , 2019, 13, 5785-5798.	14.6	343
32	A framework for designing delivery systems. <i>Nature Nanotechnology</i> , 2020, 15, 819-829.	31.5	305
33	The dose threshold for nanoparticle tumour delivery. <i>Nature Materials</i> , 2020, 19, 1362-1371.	27.5	295
34	Polyethylene Glycol Backfilling Mitigates the Negative Impact of the Protein Corona on Nanoparticle Cell Targeting. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5093-5096.	13.8	276
35	Tumour-on-a-chip provides an optical window into nanoparticle tissue transport. <i>Nature Communications</i> , 2013, 4, 2718.	12.8	264
36	Tailoring nanoparticle designs to target cancer based on tumor pathophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1142-51.	7.1	228

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37	Nanoparticle–blood interactions: the implications on solid tumour targeting. <i>Chemical Communications</i> , 2015, 51, 2756-2767.	4.1	226
38	Secreted Biomolecules Alter the Biological Identity and Cellular Interactions of Nanoparticles. <i>ACS Nano</i> , 2014, 8, 5515-5526.	14.6	225
39	Effect of removing Kupffer cells on nanoparticle tumor delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10871-E10880.	7.1	217
40	Convergence of Quantum Dot Barcodes with Microfluidics and Signal Processing for Multiplexed High-Throughput Infectious Disease Diagnostics. <i>Nano Letters</i> , 2007, 7, 2812-2818.	9.1	198
41	DNA-controlled dynamic colloidal nanoparticle systems for mediating cellular interaction. <i>Science</i> , 2016, 351, 841-845.	12.6	180
42	Phenotype Determines Nanoparticle Uptake by Human Macrophages from Liver and Blood. <i>ACS Nano</i> , 2017, 11, 2428-2443.	14.6	180
43	In vivo assembly of nanoparticle components to improve targeted cancer imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11194-11199.	7.1	161
44	Integrated Quantum Dot Barcode Smartphone Optical Device for Wireless Multiplexed Diagnosis of Infected Patients. <i>ACS Nano</i> , 2015, 9, 3060-3074.	14.6	157
45	Significantly Improved Analytical Sensitivity of Lateral Flow Immunoassays by Using Thermal Contrast. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4358-4361.	13.8	155
46	The Role of Nanoparticle Design in Determining Analytical Performance of Lateral Flow Immunoassays. <i>Nano Letters</i> , 2017, 17, 7207-7212.	9.1	149
47	Nanotechnology diagnostics for infectious diseases prevalent in developing countries. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 438-448.	13.7	147
48	Design and Characterization of Lysine Cross-Linked Mercapto-Acid Biocompatible Quantum Dots. <i>Chemistry of Materials</i> , 2006, 18, 872-878.	6.7	144
49	Optimizing the Synthesis of Red- to Near-IR-Emitting CdS-Capped CdTeSe _{1-x} Alloyed Quantum Dots for Biomedical Imaging. <i>Chemistry of Materials</i> , 2006, 18, 4845-4854.	6.7	143
50	Nanoparticle Size Influences Antigen Retention and Presentation in Lymph Node Follicles for Humoral Immunity. <i>Nano Letters</i> , 2019, 19, 7226-7235.	9.1	140
51	Facile and Rapid One-Step Mass Preparation of Quantum Dot Barcodes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5577-5581.	13.8	129
52	Systematic Investigation of Preparing Biocompatible, Single, and Small ZnS-Capped CdSe Quantum Dots with Amphiphilic Polymers. <i>ACS Nano</i> , 2008, 2, 1341-1352.	14.6	127
53	A Plasmonic DNAzyme Strategy for Point-of-Care Genetic Detection of Infectious Pathogens. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3168-3171.	13.8	125
54	Prediction of nanoparticles-cell association based on corona proteins and physicochemical properties. <i>Nanoscale</i> , 2015, 7, 9664-9675.	5.6	118

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55	Biodegradable Quantum Dot Nanocomposites Enable Live Cell Labeling and Imaging of Cytoplasmic Targets. <i>Nano Letters</i> , 2008, 8, 3887-3892.	9.1	116
56	Quantitative Comparison of Photothermal Heat Generation between Gold Nanospheres and Nanorods. <i>Scientific Reports</i> , 2016, 6, 29836.	3.3	114
57	Peptide-MHC-based nanomedicines for autoimmunity function as T-cell receptor microclustering devices. <i>Nature Nanotechnology</i> , 2017, 12, 701-710.	31.5	114
58	Trilayer hybrid polymer-quantum dot light-emitting diodes. <i>Applied Physics Letters</i> , 2004, 84, 2925-2927.	3.3	113
59	Supervised Learning and Mass Spectrometry Predicts the <i>in Vivo</i> Fate of Nanomaterials. <i>ACS Nano</i> , 2019, 13, 8023-8034.	14.6	109
60	Advances and challenges of nanotechnology-based drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2007, 4, 621-633.	5.0	108
61	Rapid Screening of Genetic Biomarkers of Infectious Agents Using Quantum Dot Barcodes. <i>ACS Nano</i> , 2011, 5, 1580-1587.	14.6	107
62	Clinical Validation of Quantum Dot Barcode Diagnostic Technology. <i>ACS Nano</i> , 2016, 10, 4742-4753.	14.6	107
63	Design and potential application of PEGylated gold nanoparticles with size-dependent permeation through brain microvasculature. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 992-1000.	3.3	106
64	Nanoparticle exposure in animals can be visualized in the skin and analysed via skin biopsy. <i>Nature Communications</i> , 2014, 5, 3796.	12.8	106
65	Nanomedicine 2.0. <i>Accounts of Chemical Research</i> , 2017, 50, 627-632.	15.6	105
66	Surface-Plasmon-Coupled Emission of Quantum Dots. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1088-1093.	2.6	98
67	Semiconductor quantum dots as contrast agents for whole animal imaging. <i>Trends in Biotechnology</i> , 2004, 22, 607-609.	9.3	97
68	Nano Research for COVID-19. <i>ACS Nano</i> , 2020, 14, 3719-3720.	14.6	97
69	An Analysis of the Binding Function and Structural Organization of the Protein Corona. <i>Journal of the American Chemical Society</i> , 2020, 142, 8827-8836.	13.7	96
70	Fluorescence-Tagged Gold Nanoparticles for Rapidly Characterizing the Size-Dependent Biodistribution in Tumor Models. <i>Advanced Healthcare Materials</i> , 2012, 1, 714-721.	7.6	92
71	Tuning the Drug Loading and Release of DNA-Assembled Gold-Nanorod Superstructures. <i>Advanced Materials</i> , 2016, 28, 8511-8518.	21.0	88
72	Nanotechnology for modern medicine: next step towards clinical translation. <i>Journal of Internal Medicine</i> , 2021, 290, 486-498.	6.0	88

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73	Improving nanoparticle diffusion through tumor collagen matrix by photo-thermal gold nanorods. <i>Nanoscale</i> , 2016, 8, 12524-12530.	5.6	85
74	Thermal Contrast Amplification Reader Yielding 8-Fold Analytical Improvement for Disease Detection with Lateral Flow Assays. <i>Analytical Chemistry</i> , 2016, 88, 11774-11782.	6.5	81
75	Bionanotechnology Progress and Advances. <i>Biology of Blood and Marrow Transplantation</i> , 2006, 12, 87-91.	2.0	73
76	Exploring Primary Liver Macrophages for Studying Quantum Dot Interactions with Biological Systems. <i>Advanced Materials</i> , 2010, 22, 2520-2524.	21.0	73
77	Three-Dimensional Optical Mapping of Nanoparticle Distribution in Intact Tissues. <i>ACS Nano</i> , 2016, 10, 5468-5478.	14.6	73
78	Flow Rate Affects Nanoparticle Uptake into Endothelial Cells. <i>Advanced Materials</i> , 2020, 32, e1906274.	21.0	69
79	Why nanoparticles prefer liver macrophage cell uptake in vivo. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114238.	13.7	66
80	Clarifying intact 3D tissues on a microfluidic chip for high-throughput structural analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14915-14920.	7.1	62
81	Controlling DNA-nanoparticle serum interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13600-13605.	7.1	62
82	Three-Dimensional Imaging of Transparent Tissues via Metal Nanoparticle Labeling. <i>Journal of the American Chemical Society</i> , 2017, 139, 9961-9971.	13.7	60
83	Specific Endothelial Cells Govern Nanoparticle Entry into Solid Tumors. <i>ACS Nano</i> , 2021, 15, 14080-14094.	14.6	60
84	Assessing micrometastases as a target for nanoparticles using 3D microscopy and machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14937-14946.	7.1	55
85	Gold nanoshells in cancer imaging and therapy: towards clinical application. <i>Nanomedicine</i> , 2007, 2, 735-738.	3.3	52
86	Quantum-Dot-Encoded Microbeads for Multiplexed Genetic Detection of Non-Amplified DNA Samples. <i>Small</i> , 2011, 7, 137-146.	10.0	50
87	Rough around the Edges: The Inflammatory Response of Microglial Cells to Spiky Nanoparticles. <i>ACS Nano</i> , 2010, 4, 2490-2493.	14.6	49
88	Engineering the Structure and Properties of DNA-Nanoparticle Superstructures Using Polyvalent Counterions. <i>Journal of the American Chemical Society</i> , 2016, 138, 4565-4572.	13.7	46
89	Automating Quantum Dot Barcode Assays Using Microfluidics and Magnetism for the Development of a Point-of-Care Device. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2853-2860.	8.0	45
90	Principles of conjugating quantum dots to proteins via carbodiimide chemistry. <i>Nanotechnology</i> , 2011, 22, 494006.	2.6	44

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91	Diagnosing Antibiotic Resistance Using Nucleic Acid Enzymes and Gold Nanoparticles. ACS Nano, 2021, 15, 9379-9390.	14.6	44
92	Patients, Here Comes More Nanotechnology. ACS Nano, 2016, 10, 8139-8142.	14.6	43
93	Engineering Steps for Mobile Point-of-Care Diagnostic Devices. Accounts of Chemical Research, 2019, 52, 2406-2414.	15.6	43
94	Nonblinking Plasmonic Quantum Dot Assemblies for Multiplex Biological Detection. Angewandte Chemie - International Edition, 2012, 51, 8773-8777.	13.8	41
95	Synthesis of Patient-Specific Nanomaterials. Nano Letters, 2019, 19, 116-123.	9.1	40
96	Exploring Passive Clearing for 3D Optical Imaging of Nanoparticles in Intact Tissues. Bioconjugate Chemistry, 2017, 28, 253-259.	3.6	39
97	Characterizing the protein corona of sub-10 nm nanoparticles. Journal of Controlled Release, 2019, 304, 102-110.	9.9	38
98	Surveilling and Tracking COVID-19 Patients Using a Portable Quantum Dot Smartphone Device. Nano Letters, 2021, 21, 5209-5216.	9.1	38
99	Illuminating the deep. Nature Materials, 2013, 12, 285-287.	27.5	37
100	State of diagnosing infectious pathogens using colloidal nanomaterials. Biomaterials, 2017, 146, 97-114.	11.4	37
101	Endothelialized collagen based pseudo-islets enables tuneable subcutaneous diabetes therapy. Biomaterials, 2020, 232, 119710.	11.4	37
102	A Systematic Nomenclature for Codifying Engineered Nanostructures. Small, 2009, 5, 426-431.	10.0	36
103	No signs of illness. Nature Nanotechnology, 2012, 7, 416-417.	31.5	36
104	The Role of Ligand Density and Size in Mediating Quantum Dot Nuclear Transport. Small, 2014, 10, 4182-4192.	10.0	35
105	Reply to "Evaluation of nanomedicines: stick to the basics". Nature Reviews Materials, 2016, 1, .	48.7	35
106	Macrophages Actively Transport Nanoparticles in Tumors After Extravasation. ACS Nano, 2022, 16, 6080-6092.	14.6	34
107	Suppressing Subcapsular Sinus Macrophages Enhances Transport of Nanovaccines to Lymph Node Follicles for Robust Humoral Immunity. ACS Nano, 2020, 14, 9478-9490.	14.6	33
108	Application of semiconductor and metal nanostructures in biology and medicine. Hematology American Society of Hematology Education Program, 2009, 2009, 701-707.	2.5	30

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109	Visualizing Quantum Dots in Biological Samples Using Silver Staining. <i>Analytical Chemistry</i> , 2009, 81, 4560-4565.	6.5	29
110	A versatile plasmonic thermogel for disinfection of antimicrobial resistant bacteria. <i>Biomaterials</i> , 2016, 97, 154-163.	11.4	29
111	Engineering multifunctional magnetic-quantum dot barcodes by flow focusing. <i>Chemical Communications</i> , 2011, 47, 4195.	4.1	28
112	Liposome Imaging in Optically Cleared Tissues. <i>Nano Letters</i> , 2020, 20, 1362-1369.	9.1	28
113	Subtherapeutic Photodynamic Treatment Facilitates Tumor Nanomedicine Delivery and Overcomes Desmoplasia. <i>Nano Letters</i> , 2021, 21, 344-352.	9.1	28
114	Fabrication of metal nanoshell quantum-dot barcodes for biomolecular detection. <i>Nano Today</i> , 2013, 8, 228-234.	11.9	25
115	Cancer: Nanoscience and Nanotechnology Approaches. <i>ACS Nano</i> , 2017, 11, 4375-4376.	14.6	24
116	Nanoscience and Nanotechnology Impacting Diverse Fields of Science, Engineering, and Medicine. <i>ACS Nano</i> , 2016, 10, 10615-10617.	14.6	22
117	The Future of Nanotechnology: Cross-disciplined Progress to Improve Health and Medicine. <i>Accounts of Chemical Research</i> , 2019, 52, 2405-2405.	15.6	21
118	Nanoparticle Uptake in a Spontaneous and Immunocompetent Woodchuck Liver Cancer Model. <i>ACS Nano</i> , 2020, 14, 4698-4715.	14.6	20
119	A Colorimetric Test to Differentiate Patients Infected with Influenza from COVID-19. <i>Small Structures</i> , 2021, 2, 2100034.	12.0	19
120	Simultaneous Quantification of Cells and Nanomaterials by Inductive-Coupled Plasma Techniques. <i>Journal of the Association for Laboratory Automation</i> , 2013, 18, 99-104.	2.8	18
121	How Nanoparticles Interact with Cancer Cells. <i>Cancer Treatment and Research</i> , 2015, 166, 227-244.	0.5	16
122	Highly efficient adenoviral transduction of pancreatic islets using a microfluidic device. <i>Lab on A Chip</i> , 2016, 16, 2921-2934.	6.0	16
123	Redefining the Experimental and Methods Sections. <i>ACS Nano</i> , 2019, 13, 4862-4864.	14.6	16
124	Transcribing In Vivo Blood Vessel Networks into In Vitro Perfusable Microfluidic Devices. <i>Advanced Materials Technologies</i> , 2020, 5, 2000103.	5.8	16
125	Simplifying Assays by Tableting Reagents. <i>Journal of the American Chemical Society</i> , 2017, 139, 17341-17349.	13.7	15
126	Real-time monitoring and control of soluble signaling factors enables enhanced progenitor cell outputs from human cord blood stem cell cultures. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1258-1264.	3.3	13

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127	Yeast Populations Evolve to Resist CdSe Quantum Dot Toxicity. <i>Bioconjugate Chemistry</i> , 2017, 28, 1205-1213.	3.6	13
128	A strategy to assemble nanoparticles with polymers for mitigating cytotoxicity and enabling size tuning. <i>Nanomedicine</i> , 2011, 6, 767-775.	3.3	12
129	The development of direct multicolour fluorescence cross-correlation spectroscopy: Towards a new tool for tracking complex biomolecular events in real-time. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3290.	2.8	11
130	Accelerating Advances in Science, Engineering, and Medicine through Nanoscience and Nanotechnology. <i>ACS Nano</i> , 2017, 11, 3423-3424.	14.6	11
131	DNA-Controlled Encapsulation of Small Molecules in Protein Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020, 142, 17938-17943.	13.7	11
132	Impact of Tumor Barriers on Nanoparticle Delivery to Macrophages. <i>Molecular Pharmaceutics</i> , 2022, 19, 1917-1925.	4.6	7
133	Gold Nanoparticle Smartphone Platform for Diagnosing Urinary Tract Infections. <i>ACS Nanoscience Au</i> , 2022, 2, 324-332.	4.8	7
134	Guiding principles for a successful multidisciplinary research collaboration. <i>Future Science OA</i> , 2015, 1, FSO7.	1.9	6
135	A Call for Clinical Studies. <i>ACS Nano</i> , 2014, 8, 4055-4057.	14.6	5
136	Making vessels more permeable. <i>Nature Biomedical Engineering</i> , 2017, 1, 629-631.	22.5	5
137	Tunable and precise miniature lithium heater for point-of-care applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4632-4641.	7.1	5
138	Quantification of quantum dots using phage display screening and assay. <i>Journal of Materials Chemistry</i> , 2009, 19, 6321.	6.7	4
139	Complexities abound. <i>Nature Nanotechnology</i> , 2013, 8, 72-73.	31.5	4
140	Nanoscience and Nanotechnology Cross Borders. <i>ACS Nano</i> , 2017, 11, 1123-1126.	14.6	4
141	What Is the Value of Publishing?. <i>ACS Nano</i> , 2018, 12, 6345-6346.	14.6	4
142	Engineering Biocompatible Quantum Dots for Ultrasensitive, Real-Time Biological Imaging and Detection. , 2006, , 137-156.		4
143	Quantum Dots for Traceable Therapeutic Delivery. , 2014, , 393-417.		2
144	Biomedical Applications of Semiconductor Quantum Dots. , 2004, , 37-50.		1

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145	Bioinspired Approaches to Building Nanoscale Devices. , 2004, , 149-160.		1
146	A Big Year Ahead for Nano in 2018. ACS Nano, 2017, 11, 11755-11757.	14.6	1
147	Growing Contributions of Nano in 2020. ACS Nano, 2020, 14, 16163-16164.	14.6	1
148	Semiconductor Quantum Dots as Multicolor and Ultrasensitive Biological Labels. , 0, , 494-506.		0
149	Interfacing peptides identified using phage-display screening with quantum dots for the design of nanoprob. , 2005, , .		0
150	Preliminary results: exploring the interactions of quantum dots with whole blood components. , 2005, 5969, 54.		0
151	Quantum dots: Small 1/2010. Small, 2010, 6, NA-NA.	10.0	0
152	Our First and Next Decades at ACS Nano. ACS Nano, 2017, 11, 7553-7555.	14.6	0
153	Helmuth MÃ¶hwald (1946â€“2018). ACS Nano, 2018, 12, 3053-3055.	14.6	0
154	Probing the Interactions of Nanoparticles with Biological Systems. FASEB Journal, 2009, 23, 69.1.	0.5	0
155	The Impact of Patient Characteristics on Diagnostic Test Performance. Small Methods, 2022, , 2101233.	8.6	0
156	Tanks and Truth. ACS Nano, 2022, 16, 4975-4976.	14.6	0