

# Hedi Mattoussi

## List of Publications by Year in descending order

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127  
papers

26,593  
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22099

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128  
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128  
docs citations

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times ranked

20956  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Heterocyclic carbene-stabilized gold nanoparticles and luminescent quantum dots. , 2022, , .		1
2	A Multifunctional Contrast Agent for <sup>19</sup> F-Based Magnetic Resonance Imaging. Bioconjugate Chemistry, 2022, 33, 881-891.	1.8	3
3	Nanoscale Encapsulation of Hybrid Perovskites Using Hybrid Atomic Layer Deposition. Journal of Physical Chemistry Letters, 2022, 13, 4082-4089.	2.1	5
4	Engineering Highly Fluorescent and Colloidally Stable Blue-Emitting CsPbBr <sub>3</sub> Nanoplatelets Using Polysalt/PbBr <sub>2</sub> Ligands. Chemistry of Materials, 2022, 34, 4924-4936.	3.2	15
5	Olfactory bulb-targeted quantum dot (QD) bioconjugate and Kv1.3 blocking peptide improve metabolic health in obese male mice. Journal of Neurochemistry, 2021, 157, 1876-1896.	2.1	15
6	Polysalt ligands achieve higher quantum yield and improved colloidal stability for CsPbBr <sub>3</sub> quantum dots. Nanoscale, 2021, 13, 16705-16718.	2.8	15
7	Compact Quantum Dots Photoligated with Multifunctional Zwitterionic Coating for Immunofluorescence and Imaging. , 2021, , .		0
8	N-Heterocyclic Carbene-Stabilized Gold Nanoparticles: Mono- Versus Multidentate Ligands. Chemistry of Materials, 2021, 33, 921-933.	3.2	24
9	Luminescent Quantum Dots Stabilized by N-Heterocyclic Carbene Polymer Ligands. Journal of the American Chemical Society, 2021, 143, 1873-1884.	6.6	26
10	Förster Resonance Energy Transfer between Colloidal CuInS <sub>2</sub> /ZnS Quantum Dots and Dark Quenchers. Journal of Physical Chemistry C, 2020, 124, 1717-1731.	1.5	18
11	Rapid Photoligation of Gold Nanocolloids with Lipoic Acid-Based Ligands. Chemistry of Materials, 2020, 32, 7469-7483.	3.2	26
12	Characterizing the Brownian Diffusion of Nanocolloids and Molecular Solutions: Diffusion-Ordered NMR Spectroscopy vs Dynamic Light Scattering. Journal of Physical Chemistry B, 2020, 124, 4631-4650.	1.2	25
13	Engineering the Bio-Nano Interface Using a Multifunctional Coordinating Polymer Coating. Accounts of Chemical Research, 2020, 53, 1124-1138.	7.6	51
14	Enhanced Stabilization and Easy Phase Transfer of CsPbBr <sub>3</sub> Perovskite Quantum Dots Promoted by High-Affinity Polyzwitterionic Ligands. Journal of the American Chemical Society, 2020, 142, 12669-12680.	6.6	109
15	Compact, "Clickable" Quantum Dots Photoligated with Multifunctional Zwitterionic Polymers for Immunofluorescence and <i>In Vivo</i> Imaging. Bioconjugate Chemistry, 2020, 31, 1497-1509.	1.8	19
16	The dual-function of lipoic acid groups as surface anchors and sulfhydryl reactive sites on polymer-stabilized QDs and Au nanocolloids. Journal of Chemical Physics, 2019, 151, 164703.	1.2	15
17	Elucidating the Role of Surface Coating in the Promotion or Prevention of Protein Corona around Quantum Dots. Bioconjugate Chemistry, 2019, 30, 2469-2480.	1.8	28
18	Highly fluorescent hybrid Au/Ag nanoclusters stabilized with poly(ethylene glycol)- and zwitterion-modified thiolate ligands. Physical Chemistry Chemical Physics, 2019, 21, 21317-21328.	1.3	14

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19	Delayed Photoluminescence in Metal-Conjugated Fluorophores. <i>Journal of the American Chemical Society</i> , 2019, 141, 11286-11297.	6.6	26
20	Modification of Poly(maleic anhydride)-Based Polymers with H <sub>2</sub> N-R Nucleophiles: Addition or Substitution Reaction?. <i>Bioconjugate Chemistry</i> , 2019, 30, 871-880.	1.8	45
21	Small protein sequences can induce cellular uptake of complex nanohybrids. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2477-2482.	1.5	2
22	Macromol. Chem. Phys. 8/2018. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1870022.	1.1	0
23	Non-Invasive Characterization of the Organic Coating of Biocompatible Quantum Dots Using Nuclear Magnetic Resonance Spectroscopy. <i>Chemistry of Materials</i> , 2018, 30, 3454-3466.	3.2	21
24	Gold-doped silver nanoclusters with enhanced photophysical properties. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12992-13007.	1.3	38
25	Scaling Laws for Polymer Chains Grafted onto Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700417.	1.1	16
26	Photochemical transformation of lipoic acid-based ligands: probing the effects of solvent, ligand structure, oxygen and pH. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3895-3902.	1.3	15
27	Characterization of the Ligand Capping of Hydrophobic CdSe/ZnS Quantum Dots Using NMR Spectroscopy. <i>Chemistry of Materials</i> , 2018, 30, 225-238.	3.2	49
28	Enhanced Uptake of Luminescent Quantum Dots by Live Cells Mediated by a Membrane-Active Peptide. <i>ACS Omega</i> , 2018, 3, 17164-17172.	1.6	12
29	Intracellular Delivery of Gold Nanocolloids Promoted by a Chemically Conjugated Anticancer Peptide. <i>ACS Omega</i> , 2018, 3, 12754-12762.	1.6	22
30	A Versatile Coordinating Ligand for Coating Semiconductor, Metal, and Metal Oxide Nanocrystals. <i>Chemistry of Materials</i> , 2018, 30, 7269-7279.	3.2	26
31	Efficient Assembly of Quantum Dots with Homogenous Glycans Derived from Natural N-Linked Glycoproteins. <i>Bioconjugate Chemistry</i> , 2018, 29, 3144-3153.	1.8	7
32	Competition of Charge and Energy Transfer Processes in Donor-Acceptor Fluorescence Pairs: Calibrating the Spectroscopic Ruler. <i>ACS Nano</i> , 2018, 12, 5657-5665.	7.3	38
33	Characterization of the ligand structure and stoichiometry on quantum dots and gold nanocrystals using NMR spectroscopy. , 2018, , .		0
34	The roles of surface chemistry, dissolution rate, and delivered dose in the cytotoxicity of copper nanoparticles. <i>Nanoscale</i> , 2017, 9, 4739-4750.	2.8	20
35	Peptide mediated intracellular delivery of semiconductor quantum dots. , 2017, , .		0
36	Intracellular Delivery of Luminescent Quantum Dots Mediated by a Virus-Derived Lytic Peptide. <i>Bioconjugate Chemistry</i> , 2017, 28, 64-74.	1.8	12

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37	Self-Assembled Gold Nanoparticle–Fluorescent Protein Conjugates as Platforms for Sensing Thiolate Compounds via Modulation of Energy Transfer Quenching. <i>Bioconjugate Chemistry</i> , 2017, 28, 678-687.	1.8	38
38	Enhanced Colloidal Stability of Various Gold Nanostructures Using a Multicoordinating Polymer Coating. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22901-22913.	1.5	32
39	Margatoxin–bound quantum dots as a novel inhibitor of the voltage-gated ion channel Kv1.3. <i>Journal of Neurochemistry</i> , 2017, 140, 404-420.	2.1	10
40	Optimizing QDs and Other Inorganic Probes for Imaging and Sensing. , 2017, , .		0
41	Surface-Functionalizing Metal, Metal Oxide and Semiconductor Nanocrystals with a Multi-coordinating Polymer Platform. <i>MRS Advances</i> , 2016, 1, 3741-3747.	0.5	1
42	A multi-coordinating polymer ligand optimized for the functionalization of metallic nanocrystals and nanorods. <i>Faraday Discussions</i> , 2016, 191, 481-494.	1.6	12
43	Functional-Group-Dependent Formation of Bioactive Fluorescent-Plasmonic Nanohybrids. <i>Journal of Physical Chemistry C</i> , 2016, 120, 25732-25741.	1.5	3
44	Multifunctional and High Affinity Polymer Ligand that Provides Bio-Orthogonal Coating of Quantum Dots. <i>Bioconjugate Chemistry</i> , 2016, 27, 2024-2036.	1.8	50
45	Aqueous Growth of Gold Clusters with Tunable Fluorescence Using Photochemically Modified Lipoic Acid-Based Ligands. <i>Langmuir</i> , 2016, 32, 6445-6458.	1.6	35
46	Controlling the spectroscopic properties of quantum dots via energy transfer and charge transfer interactions: Concepts and applications. <i>Nano Today</i> , 2016, 11, 98-121.	6.2	43
47	Bio-orthogonal Coupling as a Means of Quantifying the Ligand Density on Hydrophilic Quantum Dots. <i>Journal of the American Chemical Society</i> , 2016, 138, 3190-3201.	6.6	44
48	Design of a multi-coordinating polymer as a platform for functionalizing metal, metal oxide and semiconductor nanocrystals. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
49	Tuning the Redox Coupling between Quantum Dots and Dopamine in Hybrid Nanoscale Assemblies. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3388-3399.	1.5	22
50	UV and Sunlight Driven Photoligation of Quantum Dots: Understanding the Photochemical Transformation of the Ligands. <i>Journal of the American Chemical Society</i> , 2015, 137, 2704-2714.	6.6	45
51	Quantifying the density of surface capping ligands on semiconductor quantum dots. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
52	Effects of separation distance on the charge transfer interactions in quantum dot–dopamine assemblies. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10108-10117.	1.3	22
53	Preparation of compact biocompatible quantum dots using multicoordinating molecular-scale ligands based on a zwitterionic hydrophilic motif and lipoic acid anchors. <i>Nature Protocols</i> , 2015, 10, 859-874.	5.5	59
54	Photoligation of an Amphiphilic Polymer with Mixed Coordination Provides Compact and Reactive Quantum Dots. <i>Journal of the American Chemical Society</i> , 2015, 137, 5438-5451.	6.6	91

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55	A Multifunctional Polymer Combining the Imidazole and Zwitterion Motifs as a Biocompatible Compact Coating for Quantum Dots. <i>Journal of the American Chemical Society</i> , 2015, 137, 14158-14172.	6.6	112
56	Understanding the redox coupling between quantum dots and the neurotransmitter dopamine in hybrid self-assemblies. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
57	Controlling the Architecture, Coordination, and Reactivity of Nanoparticle Coating Utilizing an Amino Acid Central Scaffold. <i>Journal of the American Chemical Society</i> , 2015, 137, 16084-16097.	6.6	22
58	Strategies for interfacing inorganic nanocrystals with biological systems based on polymer-coating. <i>Chemical Society Reviews</i> , 2015, 44, 193-227.	18.7	189
59	Multidentate oligomeric ligands to enhance the biocompatibility of iron oxide and other metal nanoparticles. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
60	A multifunctional amphiphilic polymer as a platform for surface-functionalizing metallic and other inorganic nanostructures. <i>Faraday Discussions</i> , 2014, 175, 137-151.	1.6	19
61	Combining ligand design and photo-ligation to provide optimal quantum dot-bioconjugates for sensing and imaging. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
62	Self-Organized Tubular Structures as Platforms for Quantum Dots. <i>Journal of the American Chemical Society</i> , 2014, 136, 6463-6469.	6.6	31
63	Design of a Multi-Dopamine-Modified Polymer Ligand Optimally Suited for Interfacing Magnetic Nanoparticles with Biological Systems. <i>Langmuir</i> , 2014, 30, 6197-6208.	1.6	63
64	Photoligation Combined with Zwitterion-Modified Lipoic Acid Ligands Provides Compact and Biocompatible Quantum Dots. <i>Methods in Molecular Biology</i> , 2014, 1199, 13-31.	0.4	2
65	Cytotoxicity of Quantum Dots Used for <i>In Vitro</i> Cellular Labeling: Role of QD Surface Ligand, Delivery Modality, Cell Type, and Direct Comparison to Organic Fluorophores. <i>Bioconjugate Chemistry</i> , 2013, 24, 1570-1583.	1.8	113
66	Understanding the Self-Assembly of Proteins onto Gold Nanoparticles and Quantum Dots Driven by Metal-Histidine Coordination. <i>ACS Nano</i> , 2013, 7, 10197-10210.	7.3	102
67	Multidentate Zwitterionic Ligands Provide Compact and Highly Biocompatible Quantum Dots. <i>Journal of the American Chemical Society</i> , 2013, 135, 13786-13795.	6.6	144
68	Combining Ligand Design with Photoligation to Provide Compact, Colloidally Stable, and Easy to Conjugate Quantum Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 2861-2869.	4.0	42
69	Growth of Highly Fluorescent Polyethylene Glycol- and Zwitterion-Functionalized Gold Nanoclusters. <i>ACS Nano</i> , 2013, 7, 2509-2521.	7.3	192
70	Quenching of Quantum Dot Emission by Fluorescent Gold Clusters: What It Does and Does Not Share with the Förster Formalism. <i>Journal of Physical Chemistry C</i> , 2013, 117, 15429-15437.	1.5	56
71	Poly(ethylene glycol)-Based Multidentate Oligomers for Biocompatible Semiconductor and Gold Nanocrystals. <i>Langmuir</i> , 2012, 28, 2761-2772.	1.6	62
72	The State of Nanoparticle-Based Nanoscience and Biotechnology: Progress, Promises, and Challenges. <i>ACS Nano</i> , 2012, 6, 8468-8483.	7.3	211

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73	Photoinduced Phase Transfer of Luminescent Quantum Dots to Polar and Aqueous Media. <i>Journal of the American Chemical Society</i> , 2012, 134, 16370-16378.	6.6	102
74	On the pH-Dependent Quenching of Quantum Dot Photoluminescence by Redox Active Dopamine. <i>Journal of the American Chemical Society</i> , 2012, 134, 6006-6017.	6.6	213
75	Growth of <i>In Situ</i> Functionalized Luminescent Silver Nanoclusters by Direct Reduction and Size Focusing. <i>ACS Nano</i> , 2012, 6, 8950-8961.	7.3	121
76	Multidentate Catechol-Based Polyethylene Glycol Oligomers Provide Enhanced Stability and Biocompatibility to Iron Oxide Nanoparticles. <i>ACS Nano</i> , 2012, 6, 389-399.	7.3	174
77	Luminescent quantum dots as platforms for probing in vitro and in vivo biological processes. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 138-166.	6.6	386
78	Single-Molecule Colocalization Studies Shed Light on the Idea of Fully Emitting versus Dark Single Quantum Dots. <i>Small</i> , 2011, 7, 2101-2108.	5.2	18
79	Multidentate Poly(ethylene glycol) Ligands Provide Colloidal Stability to Semiconductor and Metallic Nanocrystals in Extreme Conditions. <i>Journal of the American Chemical Society</i> , 2010, 132, 9804-9813.	6.6	187
80	Quantum-dot/dopamine bioconjugates function as redox coupled assemblies for in vitro and intracellular pH sensing. <i>Nature Materials</i> , 2010, 9, 676-684.	13.3	433
81	Surface Ligand Effects on Metal-Affinity Coordination to Quantum Dots: Implications for Nanoprobe Self-Assembly. <i>Bioconjugate Chemistry</i> , 2010, 21, 1160-1170.	1.8	91
82	One-Phase Synthesis of Water-Soluble Gold Nanoparticles with Control over Size and Surface Functionalities. <i>Langmuir</i> , 2010, 26, 7604-7613.	1.6	155
83	Delivering quantum dot-peptide bioconjugates to the cellular cytosol: escaping from the endolysosomal system. <i>Integrative Biology (United Kingdom)</i> , 2010, 2, 265.	0.6	124
84	Rapid Covalent Ligation of Fluorescent Peptides to Water Solubilized Quantum Dots. <i>Journal of the American Chemical Society</i> , 2010, 132, 10027-10033.	6.6	78
85	Modification of Poly(ethylene glycol)-Capped Quantum Dots with Nickel Nitrilotriacetic Acid and Self-Assembly with Histidine-Tagged Proteins. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13526-13531.	1.5	43
86	Investigating Biological Processes at the Single Molecule Level Using Luminescent Quantum Dots. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1934-1959.	1.3	59
87	Monitoring of enzymatic proteolysis on a electroluminescent-CCD microchip platform using quantum dot-peptide substrates. <i>Sensors and Actuators B: Chemical</i> , 2009, 139, 13-21.	4.0	91
88	Delivering quantum dots into cells: strategies, progress and remaining issues. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1091-1105.	1.9	312
89	Polyethylene glycol-based bidentate ligands to enhance quantum dot and gold nanoparticle stability in biological media. <i>Nature Protocols</i> , 2009, 4, 412-423.	5.5	190
90	Multifunctional ligands based on dihydrolipoic acid and polyethylene glycol to promote biocompatibility of quantum dots. <i>Nature Protocols</i> , 2009, 4, 424-436.	5.5	186

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91	Effects of Ligand Coordination Number and Surface Curvature on the Stability of Gold Nanoparticles in Aqueous Solutions. <i>Langmuir</i> , 2009, 25, 10604-10611.	1.6	133
92	Quantum dot-based resonance energy transfer and its growing application in biology. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 17-45.	1.3	537
93	Resonance Energy Transfer Between Luminescent Quantum Dots and Diverse Fluorescent Protein Acceptors. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18552-18561.	1.5	109
94	Modular poly(ethylene glycol) ligands for biocompatible semiconductor and gold nanocrystals with extended pH and ionic stability. <i>Journal of Materials Chemistry</i> , 2008, 18, 4949.	6.7	205
95	Intracellular Delivery of Quantum Dot~Protein Cargos Mediated by Cell Penetrating Peptides. <i>Bioconjugate Chemistry</i> , 2008, 19, 1785-1795.	1.8	155
96	Interactions between Redox Complexes and Semiconductor Quantum Dots Coupled via a Peptide Bridge. <i>Journal of the American Chemical Society</i> , 2008, 130, 16745-16756.	6.6	115
97	Potential clinical applications of quantum dots. <i>International Journal of Nanomedicine</i> , 2008, 3, 151.	3.3	152
98	Enhancing the Stability and Biological Functionalities of Quantum Dots via Compact Multifunctional Ligands. <i>Journal of the American Chemical Society</i> , 2007, 129, 13987-13996.	6.6	486
99	Kinetics of Metal-Affinity Driven Self-Assembly between Proteins or Peptides and CdSe~ZnS Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11528-11538.	1.5	257
100	On the Quenching of Semiconductor Quantum Dot Photoluminescence by Proximal Gold Nanoparticles. <i>Nano Letters</i> , 2007, 7, 3157-3164.	4.5	480
101	Design of Biotin-Functionalized Luminescent Quantum Dots. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-7.	3.0	22
102	Solution-Phase Single Quantum Dot Fluorescence Resonance Energy Transfer. <i>Journal of the American Chemical Society</i> , 2006, 128, 15324-15331.	6.6	272
103	Self-Assembled Quantum Dot~Peptide Bioconjugates for Selective Intracellular Delivery. <i>Bioconjugate Chemistry</i> , 2006, 17, 920-927.	1.8	246
104	Hydrodynamic Dimensions, Electrophoretic Mobility, and Stability of Hydrophilic Quantum Dots. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20308-20316.	1.2	280
105	Designer Variable Repeat Length Polypeptides as Scaffolds for Surface Immobilization of Quantum Dots. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10683-10690.	1.2	81
106	Proteolytic activity monitored by fluorescence resonance energy transfer through quantum-dot~peptide conjugates. <i>Nature Materials</i> , 2006, 5, 581-589.	13.3	537
107	Capping of CdSe~ZnS quantum dots with DHLA and subsequent conjugation with proteins. <i>Nature Protocols</i> , 2006, 1, 1258-1266.	5.5	248
108	Quantum dot/peptide-MHC biosensors reveal strong CD8-dependent cooperation between self and viral antigens that augment the T cell response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16846-16851.	3.3	96



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109	First Resonance Energy Transfer Investigations Using Quantum-Dot Fluorophores. <i>ChemPhysChem</i> , 2006, 7, 47-57.	1.0	537
110	Self-assembled luminescent CdSe/ZnS quantum dot bioconjugates prepared using engineered poly-histidine terminated proteins. <i>Analytica Chimica Acta</i> , 2005, 534, 63-67.	2.6	96
111	Quantum dot bioconjugates for imaging, labelling and sensing. <i>Nature Materials</i> , 2005, 4, 435-446.	13.3	5,774
112	Can Luminescent Quantum Dots Be Efficient Energy Acceptors with Organic Dye Donors?. <i>Journal of the American Chemical Society</i> , 2005, 127, 1242-1250.	6.6	269
113	Fluoroimmunoassays Using Antibody-Conjugated Quantum Dots. , 2005, 303, 019-034.		30
114	A Hybrid Quantum Dot-Antibody Fragment Fluorescence Resonance Energy Transfer-Based TNT Sensor. <i>Journal of the American Chemical Society</i> , 2005, 127, 6744-6751.	6.6	562
115	Synthesis of Compact Multidentate Ligands to Prepare Stable Hydrophilic Quantum Dot Fluorophores. <i>Journal of the American Chemical Society</i> , 2005, 127, 3870-3878.	6.6	534
116	Tracking metastatic tumor cell extravasation with quantum dot nanocrystals and fluorescence emission-scanning microscopy. <i>Nature Medicine</i> , 2004, 10, 993-998.	15.2	669
117	Fluorescence Resonance Energy Transfer Between Quantum Dot Donors and Dye-Labeled Protein Acceptors. <i>Journal of the American Chemical Society</i> , 2004, 126, 301-310.	6.6	1,255
118	Multiplexed Toxin Analysis Using Four Colors of Quantum Dot Fluororeagents. <i>Analytical Chemistry</i> , 2004, 76, 684-688.	3.2	652
119	Long-term multiple color imaging of live cells using quantum dot bioconjugates. <i>Nature Biotechnology</i> , 2003, 21, 47-51.	9.4	1,928
120	Self-assembled nanoscale biosensors based on quantum dot FRET donors. <i>Nature Materials</i> , 2003, 2, 630-638.	13.3	1,541
121	Conjugation of Luminescent Quantum Dots with Antibodies Using an Engineered Adaptor Protein To Provide New Reagents for Fluoroimmunoassays. <i>Analytical Chemistry</i> , 2002, 74, 841-847.	3.2	430
122	Self-Assembly of CdSe/ZnS Quantum Dot Bioconjugates Using an Engineered Recombinant Protein. <i>Journal of the American Chemical Society</i> , 2000, 122, 12142-12150.	6.6	1,675
123	Electroluminescence from heterostructures of poly(phenylene vinylene) and inorganic CdSe nanocrystals. <i>Journal of Applied Physics</i> , 1998, 83, 7965-7974.	1.1	518
124	Properties of CdSe nanocrystal dispersions in the dilute regime: Structure and interparticle interactions. <i>Physical Review B</i> , 1998, 58, 7850-7863.	1.1	101
125	Electrostatic and screening effects on the dynamic aspects of polyelectrolyte solutions. <i>Journal of Chemical Physics</i> , 1990, 93, 3593-3603.	1.2	22
126	N-Heterocyclic Carbene-stabilized QDs and Gold Nanoparticles: Effects of the Ligand Coordination. , 0, ,		0



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127	Förster Resonance Energy Transfer between Colloidal CuInS <sub>2</sub> /ZnS Quantum Dots and Dark Quenchers. , 0, , .		0