

Hedi Mattoussi

List of Publications by Year in descending order

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127
papers

26,593
citations

22099

59
h-index

21474

114
g-index

128
all docs

128
docs citations

128
times ranked

20956
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum dot bioconjugates for imaging, labelling and sensing. <i>Nature Materials</i> , 2005, 4, 435-446.	13.3	5,774
2	Long-term multiple color imaging of live cells using quantum dot bioconjugates. <i>Nature Biotechnology</i> , 2003, 21, 47-51.	9.4	1,928
3	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
4	Self-assembled nanoscale biosensors based on quantum dot FRET donors. <i>Nature Materials</i> , 2003, 2, 630-638.	13.3	1,541
5	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
6	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
7	Multiplexed Toxin Analysis Using Four Colors of Quantum Dot Fluororeagents. <i>Analytical Chemistry</i> , 2004, 76, 684-688.	3.2	652
8	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
9	Proteolytic activity monitored by fluorescence resonance energy transfer through quantum-dot-peptide conjugates. <i>Nature Materials</i> , 2006, 5, 581-589.	13.3	537
10	First Resonance Energy Transfer Investigations Using Quantum-Dot Fluorophores. <i>ChemPhysChem</i> , 2006, 7, 47-57.	1.0	537
11	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
12	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
13	Electroluminescence from heterostructures of poly(phenylene vinylene) and inorganic CdSe nanocrystals. <i>Journal of Applied Physics</i> , 1998, 83, 7965-7974.	1.1	518
14	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
15	On the Quenching of Semiconductor Quantum Dot Photoluminescence by Proximal Gold Nanoparticles. <i>Nano Letters</i> , 2007, 7, 3157-3164.	4.5	480
16	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
17	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
18	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

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19	Delivering quantum dots into cells: strategies, progress and remaining issues. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1091-1105.	1.9	312
20	Hydrodynamic Dimensions, Electrophoretic Mobility, and Stability of Hydrophilic Quantum Dots. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20308-20316.	1.2	280
21	Solution-Phase Single Quantum Dot Fluorescence Resonance Energy Transfer. <i>Journal of the American Chemical Society</i> , 2006, 128, 15324-15331.	6.6	272
22	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
23	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
24	Capping of CdSe/ZnS quantum dots with DHLA and subsequent conjugation with proteins. <i>Nature Protocols</i> , 2006, 1, 1258-1266.	5.5	248
25	Self-Assembled Quantum Dot/Peptide Bioconjugates for Selective Intracellular Delivery. <i>Bioconjugate Chemistry</i> , 2006, 17, 920-927.	1.8	246
26	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
27	The State of Nanoparticle-Based Nanoscience and Biotechnology: Progress, Promises, and Challenges. <i>ACS Nano</i> , 2012, 6, 8468-8483.	7.3	211
28	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
29	Growth of Highly Fluorescent Polyethylene Glycol- and Zwitterion-Functionalized Gold Nanoclusters. <i>ACS Nano</i> , 2013, 7, 2509-2521.	7.3	192
30	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
31	Strategies for interfacing inorganic nanocrystals with biological systems based on polymer-coating. <i>Chemical Society Reviews</i> , 2015, 44, 193-227.	18.7	189
32	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
33	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
34	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
35	Intracellular Delivery of Quantum Dot/Protein Cargos Mediated by Cell Penetrating Peptides. <i>Bioconjugate Chemistry</i> , 2008, 19, 1785-1795.	1.8	155
36	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

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37	Potential clinical applications of quantum dots. <i>International Journal of Nanomedicine</i> , 2008, 3, 151.	3.3	152
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	Enhanced Stabilization and Easy Phase Transfer of CsPbBr ₃ Perovskite Quantum Dots Promoted by High-Affinity Polyzwitterionic Ligands. <i>Journal of the American Chemical Society</i> , 2020, 142, 12669-12680.	6.6	109
47	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
48	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
49	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
50	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
51	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
52	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
53	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
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	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
56	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
57	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
58	Poly(ethylene glycol)-Based Multidentate Oligomers for Biocompatible Semiconductor and Gold Nanocrystals. <i>Langmuir</i> , 2012, 28, 2761-2772.	1.6	62
59	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
60	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
61	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
62	Engineering the Bio-Nano Interface Using a Multifunctional Coordinating Polymer Coating. <i>Accounts of Chemical Research</i> , 2020, 53, 1124-1138.	7.6	51
63	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
64	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
65	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
66	Modification of Poly(maleic anhydride)-Based Polymers with H ₂ N-R Nucleophiles: Addition or Substitution Reaction?. <i>Bioconjugate Chemistry</i> , 2019, 30, 871-880.	1.8	45
67	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
68	Modification of Poly(ethylene glycol)-Capped Quantum Dots with Nickel Nitriilotriacetic Acid and Self-Assembly with Histidine-Tagged Proteins. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13526-13531.	1.5	43
69	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
70	Combining Ligand Design with Photoligation to Provide Compact, Colloidally Stable, and Easy to Conjugate Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2861-2869.	4.0	42
71	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
72	Gold-doped silver nanoclusters with enhanced photophysical properties. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12992-13007.	1.3	38

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73	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
74	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
75	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
76	Self-Organized Tubular Structures as Platforms for Quantum Dots. <i>Journal of the American Chemical Society</i> , 2014, 136, 6463-6469.	6.6	31
77	Fluoroimmunoassays Using Antibody-Conjugated Quantum Dots. , 2005, 303, 019-034.		30
78	Elucidating the Role of Surface Coating in the Promotion or Prevention of Protein Corona around Quantum Dots. <i>Bioconjugate Chemistry</i> , 2019, 30, 2469-2480.	1.8	28
79	A Versatile Coordinating Ligand for Coating Semiconductor, Metal, and Metal Oxide Nanocrystals. <i>Chemistry of Materials</i> , 2018, 30, 7269-7279.	3.2	26
80	Delayed Photoluminescence in Metal-Conjugated Fluorophores. <i>Journal of the American Chemical Society</i> , 2019, 141, 11286-11297.	6.6	26
81	Rapid Photoligation of Gold Nanocolloids with Lipoic Acid-Based Ligands. <i>Chemistry of Materials</i> , 2020, 32, 7469-7483.	3.2	26
82	Luminescent Quantum Dots Stabilized by N-Heterocyclic Carbene Polymer Ligands. <i>Journal of the American Chemical Society</i> , 2021, 143, 1873-1884.	6.6	26
83	Characterizing the Brownian Diffusion of Nanocolloids and Molecular Solutions: Diffusion-Ordered NMR Spectroscopy vs Dynamic Light Scattering. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4631-4650.	1.2	25
84	N-Heterocyclic Carbene-Stabilized Gold Nanoparticles: Mono- Versus Multidentate Ligands. <i>Chemistry of Materials</i> , 2021, 33, 921-933.	3.2	24
85	Electrostatic and screening effects on the dynamic aspects of polyelectrolyte solutions. <i>Journal of Chemical Physics</i> , 1990, 93, 3593-3603.	1.2	22
86	Design of Biotin-Functionalized Luminescent Quantum Dots. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-7.	3.0	22
87	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
88	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
89	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
90	Intracellular Delivery of Gold Nanocolloids Promoted by a Chemically Conjugated Anticancer Peptide. <i>ACS Omega</i> , 2018, 3, 12754-12762.	1.6	22

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91	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
92	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
93	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
94	Compact, "Clickable" Quantum Dots Photoligated with Multifunctional Zwitterionic Polymers for Immunofluorescence and <i>In Vivo</i> Imaging. <i>Bioconjugate Chemistry</i> , 2020, 31, 1497-1509.	1.8	19
95	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
96	Förster Resonance Energy Transfer between Colloidal CuInS ₂ /ZnS Quantum Dots and Dark Quenchers. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1717-1731.	1.5	18
97	Scaling Laws for Polymer Chains Grafted onto Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700417.	1.1	16
98	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
99	The dual function of lipoic acid groups as surface anchors and sulfhydryl reactive sites on polymer-stabilized QDs and Au nanocolloids. <i>Journal of Chemical Physics</i> , 2019, 151, 164703.	1.2	15
100	Olfactory bulb-targeted quantum dot (QD) bioconjugate and Kv1.3 blocking peptide improve metabolic health in obese male mice. <i>Journal of Neurochemistry</i> , 2021, 157, 1876-1896.	2.1	15
101	Polysalt ligands achieve higher quantum yield and improved colloidal stability for CsPbBr ₃ quantum dots. <i>Nanoscale</i> , 2021, 13, 16705-16718.	2.8	15
102	Engineering Highly Fluorescent and Colloidally Stable Blue-Emitting CsPbBr ₃ Nanoplatelets Using Polysalt/PbBr ₂ Ligands. <i>Chemistry of Materials</i> , 2022, 34, 4924-4936.	3.2	15
103	Highly fluorescent hybrid Au/Ag nanoclusters stabilized with poly(ethylene glycol)- and zwitterion-modified thiolate ligands. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 21317-21328.	1.3	14
104	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
105	Intracellular Delivery of Luminescent Quantum Dots Mediated by a Virus-Derived Lytic Peptide. <i>Bioconjugate Chemistry</i> , 2017, 28, 64-74.	1.8	12
106	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
107	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
108	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

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109	Nanoscale Encapsulation of Hybrid Perovskites Using Hybrid Atomic Layer Deposition. Journal of Physical Chemistry Letters, 2022, 13, 4082-4089.	2.1	5
110	Functional-Group-Dependent Formation of Bioactive Fluorescent-Plasmonic Nanohybrids. Journal of Physical Chemistry C, 2016, 120, 25732-25741.	1.5	3
111	A Multifunctional Contrast Agent for ¹⁹ F-Based Magnetic Resonance Imaging. Bioconjugate Chemistry, 2022, 33, 881-891.	1.8	3
112	Small protein sequences can induce cellular uptake of complex nanohybrids. Beilstein Journal of Nanotechnology, 2019, 10, 2477-2482.	1.5	2
113	Photoligation Combined with Zwitterion-Modified Lipoic Acid Ligands Provides Compact and Biocompatible Quantum Dots. Methods in Molecular Biology, 2014, 1199, 13-31.	0.4	2
114	Quantifying the density of surface capping ligands on semiconductor quantum dots. Proceedings of SPIE, 2015, , .	0.8	1
115	Surface-Functionalizing Metal, Metal Oxide and Semiconductor Nanocrystals with a Multi-coordinating Polymer Platform. MRS Advances, 2016, 1, 3741-3747.	0.5	1
116	N-Heterocyclic carbene-stabilized gold nanoparticles and luminescent quantum dots. , 2022, , .		1
117	Multidentate oligomeric ligands to enhance the biocompatibility of iron oxide and other metal nanoparticles. Proceedings of SPIE, 2014, , .	0.8	0
118	Combining ligand design and photo-ligation to provide optimal quantum dot-bioconjugates for sensing and imaging. Proceedings of SPIE, 2014, , .	0.8	0
119	Understanding the redox coupling between quantum dots and the neurotransmitter dopamine in hybrid self-assemblies. Proceedings of SPIE, 2015, , .	0.8	0
120	Design of a multi-coordinating polymer as a platform for functionalizing metal, metal oxide and semiconductor nanocrystals. Proceedings of SPIE, 2016, , .	0.8	0
121	Peptide mediated intracellular delivery of semiconductor quantum dots. , 2017, , .		0
122	Macromol. Chem. Phys. 8/2018. Macromolecular Chemistry and Physics, 2018, 219, 1870022.	1.1	0
123	N-Heterocyclic Carbene-stabilized QDs and Gold Nanoparticles: Effects of the Ligand Coordination. , 0, , .		0
124	Compact Quantum Dots Photoligated with Multifunctional Zwitterionic Coating for Immunofluorescence and Imaging. , 2021, , .		0
125	Optimizing QDs and Other Inorganic Probes for Imaging and Sensing. , 2017, , .		0
126	Characterization of the ligand structure and stoichiometry on quantum dots and gold nanocrystals using NMR spectroscopy. , 2018, , .		0

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