Xh Zhong

List of Publications by Year
in descending order

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135 papers	12,926 citations	14655 66 h-index	22832 112 g-index
135 all docs	135 docs citations	135 times ranked	11214 citing authors

#	Article	IF	Citations
1	Alloyed ZnxCd1-xS Nanocrystals with Highly Narrow Luminescence Spectral Width. Journal of the American Chemical Society, 2003, 125, 13559-13563.	13.7	657
2	High-Efficiency â€œGreenâ€• Quantum Dot Solar Cells. Journal of the American Chemical Society, 2014, 136, 9203-9210.	13.7	547
3	Znâ€“Cuâ€“Inâ€“Se Quantum Dot Solar Cells with a Certified Power Conversion Efficiency of 11.6%. Journal of the American Chemical Society, 2016, 138, 4201-4209.	13.7	537
4	Composition-Tunable ZnxCd1-xSe Nanocrystals with High Luminescence and Stability. Journal of the American Chemical Society, 2003, 125, 8589-8594.	13.7	534
5	Core/Shell Colloidal Quantum Dot Exciplex States for the Development of Highly Efficient Quantum-Dot-Sensitized Solar Cells. Journal of the American Chemical Society, 2013, 135, 15913-15922.	13.7	400
6	Near Infrared Absorption of CdSe_{<i>x</i>}Te_{1â€“<i>x</i>} Alloyed Quantum Dot Sensitized Solar Cells with More than 6% Efficiency and High Stability. ACS Nano, 2013, 7, 5215-5222.	14.6	374
7	Boosting Power Conversion Efficiencies of Quantum-Dot-Sensitized Solar Cells Beyond 8% by Recombination Control. Journal of the American Chemical Society, 2015, 137, 5602-5609.	13.7	367
8	Quantum dot-sensitized solar cells. Chemical Society Reviews, 2018, 47, 7659-7702.	38.1	344
9	Highly Efficient Inverted Type-I CdS/CdSe Core/Shell Structure QD-Sensitized Solar Cells. ACS Nano, 2012, 6, 3982-3991.	14.6	307
10	Band Engineering in Core/Shell ZnTe/CdSe for Photovoltage and Efficiency Enhancement in Exciplex Quantum Dot Sensitized Solar Cells. ACS Nano, 2015, 9, 908-915.	14.6	241
11	Facile Synthesis of ZnSâˆ'CuInS₂-Alloyed Nanocrystals for a Color-Tunable Fluorchrome and Photocatalyst. Inorganic Chemistry, 2011, 50, 4065-4072.	4.0	231
12	Aminolysis Route to Monodisperse Titania Nanorods with Tunable Aspect Ratio. Angewandte Chemie - International Edition, 2005, 44, 3466-3470.	13.8	219
13	Bi2S3 nanostructures: A new photocatalyst. Nano Research, 2010, 3, 379-386.	10.4	209
14	Amorphous TiO₂ Buffer Layer Boosts Efficiency of Quantum Dot Sensitized Solar Cells to over 9%. Chemistry of Materials, 2015, 27, 8398-8405.	6.7	197
15	Ultrafast synthesis of highly luminescent green- to near infrared-emitting CdTe nanocrystals in aqueous phase. Journal of Materials Chemistry, 2008, 18, 2807.	6.7	196
16	Nitrogen-Doped Mesoporous Carbons as Counter Electrodes in Quantum Dot Sensitized Solar Cells with a Conversion Efficiency Exceeding 12%. Journal of Physical Chemistry Letters, 2017, 8, 559-564.	4.6	193
17	Color-Tunable Highly Bright Photoluminescence of Cadmium-Free Cu-Doped Znâ€“Inâ€“S Nanocrystals and Electroluminescence. Chemistry of Materials, 2014, 26, 1204-1212.	6.7	190
18	Bilayer PbS Quantum Dots for Highâ€Performance Photodetectors. Advanced Materials, 2017, 29, 1702055.	21.0	189

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19	Synthesis, Characterization, and Spectroscopy of Type-II Core/Shell Semiconductor Nanocrystals with ZnTe Cores. Advanced Materials, 2005, 17, 2741-2745.	21.0	176
20	Carbon Counter-Electrode-Based Quantum-Dot-Sensitized Solar Cells with Certified Efficiency Exceeding 11%. Journal of Physical Chemistry Letters, 2016, 7, 3103-3111.	4.6	169
21	High-Quality Violet- to Red-Emitting ZnSe/CdSe Core/Shell Nanocrystals. Chemistry of Materials, 2005, 17, 4038-4042.	6.7	150
22	Cosensitized Quantum Dot Solar Cells with Conversion Efficiency over 12%. Advanced Materials, 2018, 30, 1705746.	21.0	148
23	Design and Synthesis of Highly Luminescent Near-Infrared-Emitting Water-Soluble CdTe/CdSe/ZnS Core/Shell/Shell Quantum Dots. Inorganic Chemistry, 2009, 48, 9723-9731.	4.0	147
24	Hybrid Organic/PbS Quantum Dot Bilayer Photodetector with Low Dark Current and High Detectivity. Advanced Functional Materials, 2018, 28, 1706690.	14.9	143
25	Charge Recombination Control for High Efficiency Quantum Dot Sensitized Solar Cells. Journal of Physical Chemistry Letters, 2016, 7, 406-417.	4.6	140
26	Quantum dot-based â€œturn-onâ€•fluorescent probe for detection of zinc and cadmium ions in aqueous media. Analytica Chimica Acta, 2011, 687, 82-88.	5.4	138
27	Capping Ligand-Induced Self-Assembly for Quantum Dot Sensitized Solar Cells. Journal of Physical Chemistry Letters, 2015, 6, 796-806.	4.6	138
28	QDs-DNA nanosensor for the detection of hepatitis B virus DNA and the single-base mutants. Biosensors and Bioelectronics, 2010, 25, 1934-1940.	10.1	133
29	CdSeTe/CdS Type-I Core/Shell Quantum Dot Sensitized Solar Cells with Efficiency over 9%. Journal of Physical Chemistry C, 2015, 119, 28800-28808.	3.1	131
30	Electroplating Cuprous Sulfide Counter Electrode for High-Efficiency Long-Term Stability Quantum Dot Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 5683-5690.	3.1	130
31	Mn doped quantum dot sensitized solar cells with power conversion efficiency exceeding 9%. Journal of Materials Chemistry A, 2016, 4, 877-886.	10.3	122
32	One-pot synthesis of highly luminescent CdTe/CdS core/shell nanocrystals in aqueous phase. Nanotechnology, 2008, 19, 135604.	2.6	121
33	Facile Synthesis of Morphology-Controlled Platinum Nanocrystals. Chemistry of Materials, 2006, 18, 2468-2471.	6.7	119
34	Graded-Bandgap Quantum- Dot-Modified Nanotubes: A Sensitive Biosensor for Enhanced Detection of DNA Hybridization. Advanced Materials, 2007, 19, 1933-1936.	21.0	109
35	Anti-aggregation of gold nanoparticle-based colorimetric sensor for glutathione with excellent selectivity and sensitivity. Analyst, The, 2011, 136, 196-200.	3.5	109
36	Embryonic Nuclei-Induced Alloying Process for the Reproducible Synthesis of Blue-Emitting ZnxCd1-xSe Nanocrystals with Long-Time Thermal Stability in Size Distribution and Emission Wavelength. Journal of Physical Chemistry B, 2004, 108, 15552-15559.	2.6	108

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37	Adenosine capped QDs based fluorescent sensor for detection of dopamine with high selectivity and sensitivity. Analyst, The, 2014, 139, 93-98.	3.5	108
38	CuInSe₂ and CuInSe₂â€“ZnS based high efficiency â€œgreenâ€•quantum dot sensitized solar cells. Journal of Materials Chemistry A, 2015, 3, 1649-1655.	10.3	108
39	DNAzyme self-assembled gold nanoparticles for determination of metal ions using fluorescence anisotropy assay. Analytical Biochemistry, 2010, 401, 47-52.	2.4	107
40	Synthesis of high-quality CdS, ZnS, and ZnxCd1â€‰âˆ’â€‰xS nanocrystals using metal salts and elemental sulfur. Journal of Materials Chemistry, 2004, 14, 2790-2794.	6.7	105
41	Hg²⁺-mediated aggregation of gold nanoparticles for colorimetric screening of biothiols. Analyst, The, 2012, 137, 924-931.	3.5	101
42	Surface engineering of PbS quantum dot sensitized solar cells with a conversion efficiency exceeding 7%. Journal of Materials Chemistry A, 2016, 4, 7214-7221.	10.3	101
43	Facile Synthesis of Highly Luminescent UV-Blue-Emitting ZnSe/ZnS Core/Shell Nanocrystals in Aqueous Media. Journal of Physical Chemistry C, 2009, 113, 14145-14150.	3.1	99
44	Optimization of TiO₂photoanode films for highly efficient quantum dot-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 13033.	10.3	98
45	Bifunctional Multidentate Ligand Modified Highly Stable Water-Soluble Quantum Dots. Inorganic Chemistry, 2010, 49, 3768-3775.	4.0	95
46	Facile Synthesis of Highly Luminescent Mn-Doped ZnS Nanocrystals. Inorganic Chemistry, 2011, 50, 10432-10438.	4.0	89
47	One-step synthesis of water-soluble AgInS2 and ZnSâ€“AgInS2 composite nanocrystals and their photocatalytic activities. Journal of Colloid and Interface Science, 2012, 377, 27-33.	9.4	87
48	Alloying Strategy in Cuâ€“Inâ€“Gaâ€“Se Quantum Dots for High Efficiency Quantum Dot Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 5328-5336.	8.0	87
49	Dual Emissive Manganese and Copper Co-Doped Znâ€“Inâ€“S Quantum Dots as a Single Color-Converter for High Color Rendering White-Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2015, 7, 8659-8666.	8.0	86
50	Boosting the Open Circuit Voltage and Fill Factor of QDSSCs Using Hierarchically Assembled ITO@Cu₂S Nanowire Array Counter Electrodes. Nano Letters, 2015, 15, 3088-3095.	9.1	86
51	Quantum dot sensitized solar cells with efficiency over 12% based on tetraethyl orthosilicate additive in polysulfide electrolyte. Journal of Materials Chemistry A, 2017, 5, 14124-14133.	10.3	86
52	Preparation of Highly Luminescent CdTe/CdS Core/Shell Quantum Dots. ChemPhysChem, 2009, 10, 680-685.	2.1	84
53	Facile and Reproducible Synthesis of Red-Emitting CdSe Nanocrystals in Amine with Long-Term Fixation of Particle Size and Size Distribution. Journal of Physical Chemistry C, 2007, 111, 526-531.	3.1	83
54	Highly selective and sensitive visualizable detection of Hg2+ based on anti-aggregation of gold nanoparticles. Talanta, 2011, 84, 508-512.	5.5	81

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55	Functional Quantumâ€Dot/Dendrimer Nanotubes for Sensitive Detection of DNA Hybridization. Small, 2008, 4, 566-571.	10.0	80
56	Direct Methylation of Amines with Carbon Dioxide and Molecular Hydrogen using Supported Gold Catalysts. ChemSusChem, 2015, 8, 3489-3496.	6.8	80
57	One-Pot Noninjection Synthesis of Cu-Doped Zn_{<i>x</i>}Cd_{1-<i>x</i>}S Nanocrystals with Emission Color Tunable over Entire Visible Spectrum. Inorganic Chemistry, 2012, 51, 3579-3587.	4.0	76
58	Controlled synthesis of silver phosphate crystals with high photocatalytic activity and bacteriostatic activity. CrystEngComm, 2012, 14, 8714.	2.6	75
59	Three-dimensional nanostructured electrodes for efficient quantum-dot-sensitized solar cells. Nano Energy, 2017, 32, 130-156.	16.0	73
60	Copper deficient Znâ€"Cuâ€"Inâ€"Se quantum dot sensitized solar cells for high efficiency. Journal of Materials Chemistry A, 2017, 5, 21442-21451.	10.3	73
61	CdTe based quantum dot sensitized solar cells with efficiency exceeding 7% fabricated from quantum dots prepared in aqueous media. Journal of Materials Chemistry A, 2016, 4, 16553-16561.	10.3	72
62	Quantum dot sensitized solar cells with efficiency up to 8.7% based on heavily copper-deficient copper selenide counter electrode. Nano Energy, 2016, 23, 60-69.	16.0	72
63	A strategy to boost the cell performance of CdSexTe1â^'x quantum dot sensitized solar cells over 8% by introducing Mn modified CdSe coating layer. Journal of Power Sources, 2016, 302, 266-273.	7.8	72
64	Synthesis of Dumbbell-Shaped Manganese Oxide Nanocrystals. Journal of Physical Chemistry B, 2006, 110, 2-4.	2.6	68
65	A facile route to violet- to orange-emitting Cd_{<i>x</i>}Zn_{1â^'<i>x</i>}Se alloy nanocrystals via cation exchange reaction. Nanotechnology, 2007, 18, 385606.	2.6	68
66	Controlling the Synthesis of CoO Nanocrystals with Various Morphologies. Journal of Physical Chemistry C, 2008, 112, 5322-5327.	3.1	68
67	Highly efficient, stable and reproducible CdSe-sensitized solar cells using copper sulfide as counter electrodes. Journal of Materials Chemistry A, 2015, 3, 6557-6564.	10.3	64
68	Effects of Metal Oxyhydroxide Coatings on Photoanode in Quantum Dot Sensitized Solar Cells. Chemistry of Materials, 2016, 28, 2323-2330.	6.7	63
69	Scalable Single-Step Noninjection Synthesis of High-Quality Core/Shell Quantum Dots with Emission Tunable from Violet to Near Infrared. ACS Nano, 2012, 6, 11066-11073.	14.6	61
70	Recent advances in electrolytes for quantum dot-sensitized solar cells. Journal of Materials Chemistry A, 2018, 6, 4895-4911.	10.3	61
71	Highly efficient and stable quasi-solid-state quantum dot-sensitized solar cells based on a superabsorbent polyelectrolyte. Journal of Materials Chemistry A, 2016, 4, 1461-1468.	10.3	60
72	Memory in quantum-dot photoluminescence blinking. New Journal of Physics, 2005, 7, 197-197.	2.9	55

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73	Highly bright water-soluble silica coated quantum dots with excellent stability. Journal of Materials Chemistry B, 2014, 2, 5043-5051.	5.8	55
74	Influence of linker molecules on interfacial electron transfer and photovoltaic performance of quantum dot sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 20882-20888.	10.3	52
75	Comparative advantages of Znâ€“Cuâ€“Inâ€“S alloy QDs in the construction of quantum dot-sensitized solar cells. RSC Advances, 2018, 8, 3637-3645.	3.6	52
76	Single-Crystal Bi₂S₃ Nanosheets Growing via Attachmentâ€“Recrystallization of Nanorods. Inorganic Chemistry, 2011, 50, 7729-7734.	4.0	50
77	Performance enhancement of quantum dot sensitized solar cells by adding electrolyte additives. Journal of Materials Chemistry A, 2015, 3, 17091-17097.	10.3	49
78	Poly(vinyl pyrrolidone): a superior and general additive in polysulfide electrolytes for high efficiency quantum dot sensitized solar cells. Journal of Materials Chemistry A, 2016, 4, 11416-11421.	10.3	49
79	Graphene hydrogel-based counter electrode for high efficiency quantum dot-sensitized solar cells. Journal of Materials Chemistry A, 2017, 5, 1614-1622.	10.3	49
80	Synthesis of highly luminescent Mn:ZnSe/ZnS nanocrystals in aqueous media. Nanotechnology, 2010, 21, 305604.	2.6	47
81	Quantum dots-based ratiometric fluorescence probe for mercuric ions in biological fluids. Talanta, 2014, 119, 564-571.	5.5	47
82	Quasi-solid-state quantum dot sensitized solar cells with power conversion efficiency over 9% and high stability. Journal of Materials Chemistry A, 2016, 4, 14849-14856.	10.3	47
83	Synthesis of highly stable dihydrolipoic acid capped water-soluble CdTe nanocrystals. Nanotechnology, 2008, 19, 235603.	2.6	45
84	Aqueous phase synthesis of biostabilizer capped CdS nanocrystals with bright emission. Journal of Luminescence, 2009, 129, 536-540.	3.1	42
85	Metalâ€“organic framework derived Co,N-bidoped carbons as superior electrode catalysts for quantum dot sensitized solar cells. Journal of Materials Chemistry A, 2018, 6, 2129-2138.	10.3	41
86	Size- and Composition-Dependent Energy Transfer from Charge Transporting Materials to ZnCuInS Quantum Dots. Journal of Physical Chemistry C, 2012, 116, 11973-11979.	3.1	39
87	High Efficiency Quantum Dot Sensitized Solar Cells Based on Direct Adsorption of Quantum Dots on Photoanodes. ACS Applied Materials & Interfaces, 2017, 9, 22549-22559.	8.0	39
88	TiO₂ Nanocrystal/Perovskite Bilayer for Highâ€Performance Photodetectors. Advanced Electronic Materials, 2017, 3, 1700251.	5.1	39
89	Facile synthesis of red- to near-infrared-emitting CdTexSe1âˆ’x alloyed quantum dots via a noninjection one-pot route. Journal of Luminescence, 2011, 131, 322-327.	3.1	38
90	Highly sensitive detection of DNA methylation levels by using a quantum dot-based FRET method. Nanoscale, 2015, 7, 17547-17555.	5.6	37

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91	Topotactically Grown Bismuth Sulfide Network Film on Substrate as Low-Cost Counter Electrodes for Quantum Dot-Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 16602-16610.	3.1	35
92	A quantum dot-based â€œoffâ€“onâ€• fluorescent probe for biological detection of zinc ions. Analyst, The, 2013, 138, 2181.	3.5	34
93	Nanostructure and charge transfer in Bi₂S₃-TiO₂ heterostructures. Nanotechnology, 2014, 25, 215702.	2.6	32
94	A panel of promoter methylation markers for invasive and noninvasive early detection of NSCLC using a quantum dots-based FRET approach. Biosensors and Bioelectronics, 2016, 85, 641-648.	10.1	32
95	Preparation of Bismuth Oxide Quantum Dots and their Photocatalytic Activity in a Homogeneous System. ChemCatChem, 2010, 2, 1115-1121.	3.7	31
96	Direct methylation of N-methylaniline with CO₂/H₂ catalyzed by gold nanoparticles supported on alumina. RSC Advances, 2015, 5, 99678-99687.	3.6	31
97	Depositing a Zn_{<i>x</i>}Cd_{1âˆ’<i>x</i>}S Shell around CdSe Core Nanocrystals via a Noninjection Approach in Aqueous Media. Journal of Physical Chemistry C, 2009, 113, 4301-4306.	3.1	30
98	Inorganic Ligand Thiosulfate-Capped Quantum Dots for Efficient Quantum Dot Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 18936-18944.	8.0	28
99	Controlled Sulfidation Approach for Copper Sulfideâ€“Carbon Hybrid as an Effective Counter Electrode in Quantum-Dot-Sensitized Solar Cells. Journal of Physical Chemistry C, 2016, 120, 16500-16506.	3.1	26
100	Cuprous sulfide on Ni foam as a counter electrode for flexible quantum dot sensitized solar cells. Journal of Materials Chemistry A, 2016, 4, 11754-11761.	10.3	26
101	A ZnS and metal hydroxide composite passivation layer for recombination control in high efficiency quantum dot sensitized solar cells. Journal of Materials Chemistry A, 2016, 4, 18976-18982.	10.3	25
102	Improving Loading Amount and Performance of Quantum Dot-Sensitized Solar Cells through Metal Salt Solutions Treatment on Photoanode. ACS Applied Materials & Interfaces, 2016, 8, 31006-31015.	8.0	24
103	Solar Paint from TiO2 Particles Supported Quantum Dots for Photoanodes in Quantum Dotâ€“Sensitized Solar Cells. ACS Omega, 2018, 3, 1102-1109.	3.5	24
104	Quantum Dots Acting as Energy Acceptors with Organic Dyes as Donors in Solution. ChemPhysChem, 2010, 11, 3167-3171.	2.1	23
105	Continuous Preparation of Carbon Nanotube Film and Its Applications in Fuel and Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 7818-7825.	8.0	23
106	Optimizing the deposition of CdSe colloidal quantum dots on TiO₂film electrode via capping ligand induced self-assembly approach. RSC Advances, 2015, 5, 86023-86030.	3.6	22
107	Graphene quantum dots assisted photovoltage and efficiency enhancement in CdSe quantum dot sensitized solar cells. Journal of Energy Chemistry, 2015, 24, 722-728.	12.9	22
108	Dimensionality-dependent performance of nanostructured bismuth sulfide in photodegradation of organic dyes. Materials Chemistry and Physics, 2013, 138, 755-761.	4.0	21

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109	Enhancing Loading Amount and Performance of Quantum-Dot-Sensitized Solar Cells Based on Direct Adsorption of Quantum Dots from Bicomponent Solvents. Journal of Physical Chemistry Letters, 2019, 10, 229-237.	4.6	21
110	Crystallographic characterization of the intermediate in the synthesis of tetrazole from nitrile and azide in water. Inorganic Chemistry Communication, 2004, 7, 492-494.	3.9	20
111	Electrochemically Controlled Surface Plasmon Enhanced Fluorescence Response of Surface Immobilized CdZnSe Quantum Dots. Journal of Physical Chemistry C, 2009, 113, 6003-6008.	3.1	20
112	Nanostructuring Polymeric Materials by Templating Strategies. Small, 2011, 7, 1384-1391.	10.0	20
113	Growth of anisotropic platinum nanostructures catalyzed by gold seed nanoparticles. Nano Research, 2008, 1, 249-257.	10.4	19
114	Alcoholysis route to monodisperse CoO nanotetrapods with tunable size. Nanotechnology, 2007, 18, 195605.	2.6	18
115	Noninjection Facile Synthesis of Gram-Scale Highly Luminescent CdSe Multipod Nanocrystals. Inorganic Chemistry, 2012, 51, 531-535.	4.0	17
116	A novel metalâ€"organic framework with bifunctional tetrazolate-5-carboxylate ligand: Crystal structure and luminescent properties. Inorganic Chemistry Communication, 2011, 14, 407-410.	3.9	16
117	Determination of dissolved oxygen based on photoinduced electron transfer from quantum dots to methyl viologen. Analytical Methods, 2010, 2, 1056.	2.7	15
118	Stable water-soluble quantum dots capped by poly(ethylene glycol) modified dithiocarbamate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 410, 144-152.	4.7	14
119	Titanium mesh based fully flexible highly efficient quantum dots sensitized solar cells. Journal of Materials Chemistry A, 2017, 5, 5577-5584.	10.3	13
120	Controllable synthesis and optical properties of CdS/CdSe hetero-nanostructures with various dimensionalities. Materials Chemistry and Physics, 2010, 121, 118-124.	4.0	12
121	Silica coating of luminescent quantum dots prepared in aqueous media for cellular labeling. Materials Research Bulletin, 2014, 60, 543-551.	5.2	12
122	Monitoring the Covalent Binding of Quantum Dots to Functionalized Gold Surfaces by Surface Plasmon Resonance Spectroscopy. Journal of Physical Chemistry C, 2007, 111, 10313-10319.	3.1	11
123	New strategy for band-gap tuning in semiconductor nanocrystals. Research on Chemical Intermediates, 2008, 34, 287-298.	2.7	10
124	Noninjection ultralarge-scaled synthesis of shape-tunable CdS nanocrystals as photocatalysts. RSC Advances, 2013, 3, 17477.	3.6	10
125	Origin of the effects of PEG additives in electrolytes on the performance of quantum dot sensitized solar cells. RSC Advances, 2018, 8, 29958-29966.	3.6	10
126	Anti-fouling characteristics of surface-confined oligonucleotide strands bioconjugated on streptavidin platforms in the presence of nanomaterials. Talanta, 2009, 78, 1102-1106.	5.5	9

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127	1,2,3,4-Tetraphenyl-1,2,3,4-tetraphospholane, a Highly Versatile Cyclocarbaphosphine Ligand:Â Reactions with Activated Triosmium Clusters and Characterization of the Products. Inorganic Chemistry, 2002, 41, 3791-3800.	4.0	8
128	Synthesis and structural studies of polynuclear ruthenium clusters derived from reactions of 1,2,3,4-tetraphenyl-1,2,3,4-tetraphospholane with [Ru3(CO)12]. Journal of Organometallic Chemistry, 2004, 689, 361-368.	1.8	8
129	NANOSCOPIC BUILDING BLOCKS FROM POLYMERS, METALS, AND SEMICONDUCTORS FOR HYBRID ARCHITECTURES. Journal of Nonlinear Optical Physics and Materials, 2004, 13, 229-241.	1.8	7
130	Facile synthesis of ZnSâ€“CdIn2S4-alloyed nanocrystals with tunable band gap and its photocatalytic activity. Journal of Luminescence, 2013, 135, 47-54.	3.1	7
131	Visual detection of biological thiols based on lightening quantum dotâ€“TiO2 composites. Analyst, The, 2014, 139, 996.	3.5	7
132	Continuous Preparation of Copper/Carbon Nanotube Composite Films and Application in Solar Cells. ChemSusChem, 2016, 9, 296-301.	6.8	7
133	Encapsulation of Quantum Dot Clusters in Stimuli-Responsive Spherical Polyelectrolyte Brushes. Industrial & Engineering Chemistry Research, 2014, 53, 11326-11332.	3.7	6
134	Design and Synthesis of High-Quality CdS/ZnSe Type-II Core/Shell Nanocrystals. Journal of Nanoscience and Nanotechnology, 2009, 9, 5880-5886.	0.9	5
135	Synthesis, NMR and structural studies of cluster derivatives derived from reactions of 1,2,3-triphenyl-1,2,3-triphosphaindan with [Os3(CO)10(Î¼-H)2]. Journal of Organometallic Chemistry, 2003, 665, 218-225.	1.8	3