

# Masaru K Kuno

## List of Publications by Year in descending order

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146  
papers

20,858  
citations

28190

55  
h-index

12910

131  
g-index

151  
all docs

151  
docs citations

151  
times ranked

23387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress, Challenges, and Opportunities in Two-Dimensional Materials Beyond Graphene. ACS Nano, 2013, 7, 2898-2926.	7.3	4,062
2	Quantum Dot Solar Cells. Harvesting Light Energy with CdSe Nanocrystals Molecularly Linked to Mesoscopic TiO <sub>2</sub> Films. Journal of the American Chemical Society, 2006, 128, 2385-2393.	6.6	1,724
3	Quantum Dot Solar Cells. Tuning Photoresponse through Size and Shape Control of CdSe@TiO <sub>2</sub> Architecture. Journal of the American Chemical Society, 2008, 130, 4007-4015.	6.6	1,567
4	Band-edge exciton in quantum dots of semiconductors with a degenerate valence band: Dark and bright exciton states. Physical Review B, 1996, 54, 4843-4856.	1.1	1,197
5	Size-Dependent Electron Injection from Excited CdSe Quantum Dots into TiO <sub>2</sub> Nanoparticles. Journal of the American Chemical Society, 2007, 129, 4136-4137.	6.6	816
6	Observation of the "Dark Exciton" in CdSe Quantum Dots. Physical Review Letters, 1995, 75, 3728-3731.	2.9	759
7	Nonexponential "blinking" kinetics of single CdSe quantum dots: A universal power law behavior. Journal of Chemical Physics, 2000, 112, 3117-3120.	1.2	669
8	The band edge luminescence of surface modified CdSe nanocrystallites: Probing the luminescing state. Journal of Chemical Physics, 1997, 106, 9869-9882.	1.2	580
9	Avidin: A Natural Bridge for Quantum Dot-Antibody Conjugates. Journal of the American Chemical Society, 2002, 124, 6378-6382.	6.6	518
10	"On/off" fluorescence intermittency of single semiconductor quantum dots. Journal of Chemical Physics, 2001, 115, 1028-1040.	1.2	504
11	Organometallic Synthesis and Spectroscopic Characterization of Manganese-Doped CdSe Nanocrystals. Journal of the American Chemical Society, 2000, 122, 2532-2540.	6.6	454
12	Universal emission intermittency in quantum dots, nanorods and nanowires. Nature Physics, 2008, 4, 519-522.	6.5	453
13	Light-Induced Anion Phase Segregation in Mixed Halide Perovskites. ACS Energy Letters, 2018, 3, 204-213.	8.8	444
14	Rationalizing the light-induced phase separation of mixed halide organic-inorganic perovskites. Nature Communications, 2017, 8, 200.	5.8	399
15	Tracking Iodide and Bromide Ion Segregation in Mixed Halide Lead Perovskites during Photoirradiation. ACS Energy Letters, 2016, 1, 290-296.	8.8	321
16	Shift Happens. How Halide Ion Defects Influence Photoinduced Segregation in Mixed Halide Perovskites. ACS Energy Letters, 2017, 2, 1507-1514.	8.8	282
17	Modeling distributed kinetics in isolated semiconductor quantum dots. Physical Review B, 2003, 67, .	1.1	264
18	Storable, thermally activated, near-infrared chemiluminescent dyes and dye-stained microparticles for optical imaging. Nature Chemistry, 2010, 2, 1025-1030.	6.6	247

#	ARTICLE	IF	CITATIONS
19	Origin of the Size-Dependent Stokes Shift in CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 12201-12208.	6.6	240
20	Solution-Based Straight and Branched CdSe Nanowires. <i>Chemistry of Materials</i> , 2004, 16, 5260-5272.	3.2	214
21	Spatially Non-uniform Trap State Densities in Solution-Processed Hybrid Perovskite Thin Films. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 715-721.	2.1	160
22	An overview of solution-based semiconductor nanowires: synthesis and optical studies. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 620-639.	1.3	150
23	Efficient Photocatalytic Hydrogen Generation from Ni Nanoparticle Decorated CdS Nanosheets. <i>ACS Catalysis</i> , 2015, 5, 6615-6623.	5.5	144
24	Photoinduced Anion Segregation in Mixed Halide Perovskites. <i>Trends in Chemistry</i> , 2020, 2, 282-301.	4.4	141
25	Solution-Based Straight and Branched CdTe Nanowires. <i>Chemistry of Materials</i> , 2006, 18, 5722-5732.	3.2	140
26	Exciton Recombination Dynamics in CdSe Nanowires: A Bimolecular to Three-Carrier Auger Kinetics. <i>Nano Letters</i> , 2006, 6, 1344-1349.	4.5	129
27	Super-Resolution Far-Field Infrared Imaging by Photothermal Heterodyne Imaging. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8838-8846.	1.2	123
28	How Interplay between Photo and Thermal Activation Dictates Halide Ion Segregation in Mixed Halide Perovskites. <i>ACS Energy Letters</i> , 2020, 5, 56-63.	8.8	123
29	Do Not Exchange or Not to Exchange. Suppressing Anion Exchange in Cesium Lead Halide Perovskites with PbSO <sub>4</sub> Oleate Capping. <i>ACS Energy Letters</i> , 2018, 3, 1049-1055.	8.8	119
30	Vacancy-Mediated Anion Photosegregation Kinetics in Mixed Halide Hybrid Perovskites: Coupled Kinetic Monte Carlo and Optical Measurements. <i>ACS Energy Letters</i> , 2018, 3, 2321-2328.	8.8	119
31	Polarization-Sensitive Nanowire Photodetectors Based on Solution-Synthesized CdSe Quantum-Wire Solids. <i>Nano Letters</i> , 2007, 7, 2999-3006.	4.5	108
32	A CdSe Nanowire/Quantum Dot Hybrid Architecture for Improving Solar Cell Performance. <i>Advanced Functional Materials</i> , 2010, 20, 1464-1472.	7.8	100
33	Fluorescence Intermittency in Single InP Quantum Dots. <i>Nano Letters</i> , 2001, 1, 557-564.	4.5	99
34	Halide Ion Migration in Perovskite Nanocrystals and Nanostructures. <i>Accounts of Chemical Research</i> , 2021, 54, 520-531.	7.6	98
35	Induced Branching in Confined PbSe Nanowires. <i>Chemistry of Materials</i> , 2005, 17, 4416-4425.	3.2	96
36	Band-Filling of Solution-Synthesized CdS Nanowires. <i>ACS Nano</i> , 2008, 2, 357-367.	7.3	96

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37	Solution-Based II <sup>VI</sup> Core/Shell Nanowire Heterostructures. <i>Journal of the American Chemical Society</i> , 2008, 130, 14822-14833.	6.6	93
38	Experimental Determination of the Absorption Cross-Section and Molar Extinction Coefficient of CdSe and CdTe Nanowires. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25322-25331.	1.2	89
39	Existence of a Size-Dependent Stokes Shift in CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2017, 2, 1487-1488.	8.8	86
40	Magnetic circular dichroism study of CdSe quantum dots. <i>Journal of Chemical Physics</i> , 1998, 108, 4242-4247.	1.2	85
41	Disorder-Induced Optical Heterogeneity in Single CdSe Nanowires. <i>Advanced Materials</i> , 2005, 17, 2942-2949.	11.1	85
42	Photocatalytic Hydrogen Generation Efficiencies in One-Dimensional CdSe Heterostructures. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3234-3240.	2.1	83
43	Optical constants and dynamic conductivities of single layer MoS <sub>2</sub> , MoSe <sub>2</sub> , and WSe <sub>2</sub> . <i>Applied Physics Letters</i> , 2015, 107, .	1.5	82
44	Synthesis and Characterization of Au/Bi Core/Shell Nanocrystals: A Precursor toward II <sup>VI</sup> Nanowires. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9745-9751.	1.2	75
45	Molecular Clusters of Binary and Ternary Mercury Chalcogenides: Colloidal Synthesis, Characterization, and Optical Spectra. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5758-5767.	1.2	73
46	Nanostructure Absorption: A Comparative Study of Nanowire and Colloidal Quantum Dot Absorption Cross Sections. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3340-3348.	2.1	67
47	Synthesis and Characterization of Colloidal HgS Quantum Dots. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9982-9985.	1.2	65
48	Luminescent Quantum Dot-Adaptor Protein-Antibody Conjugates for Use in Fluoroimmunoassays. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 407-414.	0.7	65
49	Photon Counting Statistics for Blinking CdSe/ZnS Quantum Dots: A Levy Walk Process. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19053-19060.	1.2	63
50	Evidence of photo- and electrodarkening of (CdSe)ZnS quantum dot composites. <i>Journal of Applied Physics</i> , 2000, 87, 8526-8534.	1.1	62
51	Facile Synthesis and Size Control of II <sup>VI</sup> Nanowires Using Bismuth Salts. <i>Small</i> , 2009, 5, 1112-1116.	5.2	62
52	Carrier recombination dynamics in individual CdSe nanowires. <i>Physical Review B</i> , 2011, 83, .	1.1	61
53	Crystal Structure of Individual CsPbBr <sub>3</sub> Perovskite Nanocubes. <i>Inorganic Chemistry</i> , 2019, 58, 1555-1560.	1.9	61
54	Ultrafast Transient Absorption Measurements of Charge Carrier Dynamics in Single II <sup>VI</sup> Nanowires. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19077-19081.	1.5	58

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55	Molecular fluorescence in the vicinity of a nanoscopic probe. <i>Journal of Chemical Physics</i> , 2001, 114, 8596-8609.	1.2	57
56	Single Nanowire Extinction Spectroscopy. <i>Nano Letters</i> , 2011, 11, 3307-3311.	4.5	57
57	Synthesis of Ultrathin and Thickness-Controlled Cu <sub>2</sub> S Nanosheets via Cation Exchange. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3608-3613.	2.1	54
58	Subdiffraction Infrared Imaging of Mixed Cation Perovskites: Probing Local Cation Heterogeneities. <i>ACS Energy Letters</i> , 2018, 3, 469-475.	8.8	54
59	CdSe nanowires with illumination-enhanced conductivity: Induced dipoles, dielectrophoretic assembly, and field-sensitive emission. <i>Journal of Applied Physics</i> , 2007, 101, 073704.	1.1	52
60	Experimental Determination of Single CdSe Nanowire Absorption Cross Sections through Photothermal Imaging. <i>ACS Nano</i> , 2010, 4, 358-364.	7.3	52
61	Wavelength Sensitivity of Single Nanowire Excitation Polarization Anisotropies Explained through a Generalized Treatment of Their Linear Absorption. <i>ACS Nano</i> , 2009, 3, 1979-1987.	7.3	51
62	Suppressing Cation Migration in Triple-Cation Lead Halide Perovskites. <i>ACS Energy Letters</i> , 2020, 5, 2802-2810.	8.8	51
63	Infrared photothermal heterodyne imaging: Contrast mechanism and detection limits. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	49
64	Controlled Synthesis of Compositionally Tunable Ternary PbSe <sub>1-x</sub> S <sub>x</sub> as Well as Binary PbSe and PbS Nanowires. <i>ACS Nano</i> , 2012, 6, 2833-2843.	7.3	48
65	Spatial and Intensity Modulation of Nanowire Emission Induced by Mobile Charges. <i>Journal of the American Chemical Society</i> , 2007, 129, 13160-13171.	6.6	47
66	Superlattices are Greener on the Other Side: How Light Transforms Self-Assembled Mixed Halide Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2020, 5, 1465-1473.	8.8	46
67	Synthetic Strategy and Structural and Optical Characterization of Thin Highly Crystalline Titanium Disulfide Nanosheets. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1554-1558.	2.1	44
68	Universal Size-Dependent Stokes Shifts in Lead Halide Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4937-4944.	2.1	44
69	Approaches to mid-infrared, super-resolution imaging and spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4313-4325.	1.3	44
70	Excitation and photoluminescence polarization anisotropy of single CdSe nanowires. <i>Applied Physics Letters</i> , 2008, 92, 183110.	1.5	42
71	Double heterojunction nanowire photocatalysts for hydrogen generation. <i>Nanoscale</i> , 2014, 6, 4117-4124.	2.8	41
72	Direct Observation of Spatially Heterogeneous Single-Layer Graphene Oxide Reduction Kinetics. <i>Nano Letters</i> , 2013, 13, 5777-5784.	4.5	40

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73	A quantitative and spatially resolved analysis of the performance-bottleneck in high efficiency, planar hybrid perovskite solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 960-969.	15.6	40
74	Charge Carrier Trapping and Acoustic Phonon Modes in Single CdTe Nanowires. <i>ACS Nano</i> , 2012, 6, 5274-5282.	7.3	38
75	Photoluminescence Up-Conversion in CsPbBr <sub>3</sub> Nanocrystals. <i>ACS Energy Letters</i> , 2017, 2, 2514-2515.	8.8	38
76	Single Nanowire Microscopy and Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12379-12396.	1.5	36
77	Direct Observation of Single Layer Graphene Oxide Reduction through Spatially Resolved, Single Sheet Absorption/Emission Microscopy. <i>Nano Letters</i> , 2014, 14, 3172-3179.	4.5	36
78	Photocurrent Polarization Anisotropy of Randomly Oriented Nanowire Networks. <i>Nano Letters</i> , 2008, 8, 1352-1357.	4.5	33
79	Bismuth-Assisted CdSe and CdTe Nanowire Growth on Plastics. <i>Chemistry of Materials</i> , 2010, 22, 77-84.	3.2	32
80	Nanowire-Functionalized Cotton Textiles. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 2262-2269.	4.0	32
81	CdSe nanowire solar cells using carbazole as a surface modifier. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5487.	5.2	31
82	Imaging and Absolute Extinction Cross-Section Measurements of Nanorods and Nanowires through Polarization Modulation Microscopy. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16029-16036.	1.5	30
83	Progress in laser cooling semiconductor nanocrystals and nanostructures. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	30
84	Ultrathin CdSe nanowire field-effect transistors. <i>Journal of Electronic Materials</i> , 2006, 35, 170-172.	1.0	29
85	Thermal Decoherence of Superradiance in Lead Halide Perovskite Nanocrystal Superlattices. <i>Nano Letters</i> , 2020, 20, 7382-7388.	4.5	29
86	Defect-Mediated CdS Nanobelt Photoluminescence Up-Conversion. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16607-16616.	1.5	28
87	Far-field midinfrared superresolution imaging and spectroscopy of single high aspect ratio gold nanowires. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2288-2293.	3.3	28
88	Spectroscopic signatures of ligand field states in {Ru <sup>II</sup> (imine)} complexes. <i>Dalton Transactions</i> , 2016, 45, 5464-5475.	1.6	27
89	What Exactly Causes Light-Induced Halide Segregation in Mixed-Halide Perovskites?. <i>Matter</i> , 2020, 2, 21-23.	5.0	27
90	Electric Field-Induced Emission Enhancement and Modulation in Individual CdSe Nanowires. <i>ACS Nano</i> , 2012, 6, 9133-9140.	7.3	26

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91	Low temperature solution-phase growth of ZnSe and ZnSe/CdSe core/shell nanowires. <i>Nanoscale</i> , 2011, 3, 3145.	2.8	25
92	Colloidal Semiconductor Quantum Dot Conjugates in Biosensing. , 2002, , 537-569.		24
93	High temperature structural studies of HgS and HgSe quantum dots. <i>Applied Physics Letters</i> , 2003, 83, 4011-4013.	1.5	23
94	Direct Measurement of Single CdSe Nanowire Extinction Polarization Anisotropies. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2215-2220.	2.1	22
95	Supercontinuum spatial modulation spectroscopy: Detection and noise limitations. <i>Review of Scientific Instruments</i> , 2013, 84, 113104.	0.6	22
96	Distinguishing Models for Mixed Halide Lead Perovskite Photo-segregation via Terminal Halide Stoichiometry. <i>ACS Energy Letters</i> , 2021, 6, 2064-2071.	8.8	22
97	Fluorescence of single ZnS overcoated CdSe quantum dots studied by apertureless near-field scanning optical microscopy. <i>Optics Communications</i> , 2002, 210, 11-23.	1.0	21
98	Using Infrared Photothermal Heterodyne Imaging to Characterize Micro- and Nanoplastics in Complex Environmental Matrices. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15891-15899.	4.6	20
99	Transforming Layered to Nonlayered Two-Dimensional Materials: Cation Exchange of SnS <sub>2</sub> to Cu <sub>2</sub> SnS <sub>3</sub> . <i>ACS Energy Letters</i> , 2016, 1, 175-181.	8.8	19
100	Can lasers really refrigerate CdS nanobelts?. <i>Nature</i> , 2019, 570, E60-E61.	13.7	19
101	Dimensional crossover in semiconductor nanostructures. <i>Nature Communications</i> , 2016, 7, 12726.	5.8	17
102	Light Induced Nanowire Assembly: The Electrostatic Alignment of Semiconductor Nanowires into Functional Macroscopic Yarns. <i>Advanced Materials</i> , 2013, 25, 601-605.	11.1	16
103	Single Semiconductor Nanostructure Extinction Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16443-16463.	1.5	15
104	Modulation of Photoinduced Iodine Expulsion in Mixed Halide Perovskites with Electrochemical Bias. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2615-2621.	2.1	14
105	Heterogeneous Fluorescence Intermittency in Single Layer Reduced Graphene Oxide. <i>Nano Letters</i> , 2015, 15, 4317-4321.	4.5	12
106	Introductory Nanoscience. , 0, , .		11
107	Deep image restoration for infrared photothermal heterodyne imaging. <i>Journal of Chemical Physics</i> , 2021, 155, 214202.	1.2	11
108	Near-field scanning optical microscopy of colloidal CdSe nanowires. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1416-1419.	0.7	9

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109	Spectroscopy and Microscopy of Graphene Oxide and Reduced Graphene Oxide. , 2015, , 29-60.		8
110	Concerted single-nanowire absorption and emission spectroscopy: Explaining the origin of the size-dependent Stokes shift in single cadmium selenide nanowires. Physical Review B, 2015, 91, .	1.1	8
111	Excitation Energy Dependence of Semiconductor Nanocrystal Emission Quantum Yields. Journal of Physical Chemistry Letters, 2021, 12, 4024-4031.	2.1	8
112	Colloidal Quantum Dots: A Model Nanoscience System. Journal of Physical Chemistry Letters, 2013, 4, 680-680.	2.1	6
113	Super-resolution imaging with mid-IR photothermal microscopy on the single particle level. Proceedings of SPIE, 2015, , .	0.8	6
114	Quantitative infrared photothermal microscopy. , 2020, , .		6
115	Tailoring the Inherent Optical and Electrical Properties of Nanostructures. Journal of Physical Chemistry Letters, 2014, 5, 3817-3818.	2.1	5
116	Fluorescence intermittency originates from reclustered in two-dimensional organic semiconductors. Nature Communications, 2017, 8, 14521.	5.8	5
117	Surface Derivatization of Nanocrystalline CdSe Semiconductors. Materials Research Society Symposia Proceedings, 1996, 452, 323.	0.1	4
118	Synthesis and characterization of colloidal mercury chalcogenide quantum dots. , 2002, , .		4
119	Photoluminescent Mn-Doped ZNS Nanoclusters Synthesized within Block Copolymer Nanoreactors. Materials Research Society Symposia Proceedings, 1997, 471, 313.	0.1	3
120	II-VI heterostructures obtained by encapsulation of colloidal CdSe nanowires by molecular beam epitaxy deposition of ZnSe. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2011, 29, .	0.6	3
121	Molybdenum Carbamate Nanosheets as a New Class of Potential Phase Change Materials. Nano Letters, 2017, 17, 3902-3906.	4.5	3
122	Energy Spotlight: New Inroads in Metal Halide Perovskite Research. ACS Energy Letters, 2019, 4, 3036-3038.	8.8	3
123	Up-conversion emission thermometry for semiconductor laser cooling. Journal of Luminescence, 2020, 222, 117088.	1.5	3
124	Super-resolution Mid-infrared Imaging using Photothermal Microscopy. , 2016, , .		3
125	No One Size Fits All: Semiconductor Nanocrystal Sizing Curves. Journal of Physical Chemistry C, 2022, 126, 11867-11874.	1.5	3
126	The Band Edge Luminescence of Surface Modified CdSe Nanocrystallites. Materials Research Society Symposia Proceedings, 1996, 452, 347.	0.1	2



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127	Charge and thermal modeling of a semiconductor-based optical refrigerator. Applied Physics Letters, 2018, 113, 181105.	1.5	2
128	Shining more light on photoinduced segregation. Nature Materials, 2021, 20, 6-7.	13.3	2
129	Deciphering the US News and World Report Ranking of US Chemistry Graduate Programs. Scientometrics, 0, , 1.	1.6	2
130	Organometallic Synthesis and Spectroscopic Characterization of Manganese Doped CdSe Nanocrystals. Materials Research Society Symposia Proceedings, 1999, 582, 56.	0.1	1
131	Molecular Clusters of Binary and Ternary Mercury Chalcogenides: Colloidal Synthesis, Characterization, and Optical Spectra.. ChemInform, 2003, 34, no.	0.1	1
132	Intrawire absorption and emission spectroscopies of individual CdSe nanowires. Applied Physics Letters, 2015, 107, 083106.	1.5	1
133	Synthesis and Application of Solution-Based II-VI and IV-VI Semiconductor Nanowires. Nanoscience and Technology, 2015, , 119-156.	1.5	1
134	Energy Selects. ACS Energy Letters, 2019, 4, 2351-2352.	8.8	1
135	Photothermal infrared imaging: identification and visualization of micro- and nanoplastics in environmental matrices. , 2021, , .		1
136	Binary and Ternary Mercury Chalcogenide Quantum Dots and Clusters. Materials Research Society Symposia Proceedings, 2002, 737, 206.	0.1	0
137	Solution Phase Synthesis of Semiconductor Nanowires. Materials Research Society Symposia Proceedings, 2004, 848, 394.	0.1	0
138	Seeded solution synthesis of straight and branched CdSe nanowires. , 2004, 5513, 116.		0
139	Field-effect transistors and photodetectors based on solution-synthesized nanowires. , 2006, , .		0
140	CdSe Heterostructures for Photocatalytic Hydrogen Generation. Microscopy and Microanalysis, 2013, 19, 328-329.	0.2	0
141	Beyond Conventional Quantum Dots. ChemPhysChem, 2016, 17, 553-554.	1.0	0
142	TEM Analysis of CsPbBr <sub>3</sub> Nanocrystals: Challenges and Perspectives.. Microscopy and Microanalysis, 2017, 23, 2096-2097.	0.2	0
143	Defect-mediated photoluminescence up-conversion in cadmium sulfide nanobelts (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10		0
144	Advanced control of nanowire growth. SPIE Newsroom, 2006, , .	0.1	0

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145	Microscopic Measurements of Hybrid Perovskite Solar Cells. , 0, , .		0
146	Evaluation of CsPbBr <sub>3</sub> nanocrystals for laser cooling. , 2019, , .		0