

# Uri Banin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136  
papers

12,558  
citations

49  
h-index

111  
g-index

151  
ext. papers

13,548  
ext. citations

11.6  
avg, IF

6.52  
L-index

#	Paper	IF	Citations
136	Complete Mapping of Interacting Charging States in Single Coupled Colloidal Quantum Dot Molecules.. <i>ACS Nano</i> , <b>2022</b> ,	16.7	1
135	Luminescent Anisotropic Wurtzite InP Nanocrystals. <i>Nano Letters</i> , <b>2021</b> , 21, 10032-10039	11.5	2
134	Neck Barrier Engineering in Quantum Dot Dimer Molecules via Intraparticle Ripening. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 19816-19823	16.4	1
133	Nanotechnology for catalysis and solar energy conversion. <i>Nanotechnology</i> , <b>2021</b> , 32, 042003	3.4	24
132	Semiconductor Bow-Tie Nanoantenna from Coupled Colloidal Quantum Dot Molecules. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14588-14593	3.6	
131	Semiconductor Bow-Tie Nanoantenna from Coupled Colloidal Quantum Dot Molecules. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14467-14472	16.4	5
130	High-Sensitivity, High-Resolution Detection of Reactive Oxygen Species Concentration Using NV Centers. <i>ACS Photonics</i> , <b>2021</b> , 8, 1917-1921	6.3	2
129	InAs Nanocrystals with Robust p-Type Doping. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2007456	15.6	4
128	Quantum Photoinitiators: Toward Emerging Photocuring Applications. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 577-587	16.4	13
127	Coupled Colloidal Quantum Dot Molecules. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 1178-1188	24.3	10
126	Visualizing Ultrafast Electron Transfer Processes in Semiconductor-Metal Hybrid Nanoparticles: Toward Excitonic-Plasmonic Light Harvesting. <i>Nano Letters</i> , <b>2021</b> , 21, 1461-1468	11.5	12
125	Morphology effect on zinc oxide quantum photoinitiators for radical polymerization. <i>Nanoscale</i> , <b>2021</b> , 13, 7152-7160	7.7	3
124	ZnSe/ZnS Core/Shell Quantum Dots with Superior Optical Properties through Thermodynamic Shell Growth. <i>Nano Letters</i> , <b>2020</b> , 20, 2387-2395	11.5	37
123	Dielectric Confinement and Excitonic Effects in Two-Dimensional Nanoplatelets. <i>ACS Nano</i> , <b>2020</b> , 14, 8257-8265	16.7	15
122	Targeting and imaging of monocyte-derived macrophages in rat\$ injured artery following local delivery of liposomal quantum dots. <i>Journal of Controlled Release</i> , <b>2020</b> , 318, 145-157	11.7	6
121	A Tale of Tails: Thermodynamics of CdSe Nanocrystal Surface Ligand Exchange. <i>Nano Letters</i> , <b>2020</b> , 20, 6396-6403	11.5	17
120	A simple method for preparation of silica aerogels doped with monodispersed nanoparticles in homogeneous concentration. <i>Journal of Supercritical Fluids</i> , <b>2020</b> , 159, 104496	4.2	3

119	Metallic Conductive Luminescent Film. <i>ACS Nano</i> , <b>2019</b> , 13, 10826-10834	16.7	5
118	A clear solution: semiconductor nanocrystals as photoinitiators in solvent free polymerization. <i>Nanoscale</i> , <b>2019</b> , 11, 11209-11216	7.7	13
117	Heavy-Metal-Free Colloidal Semiconductor Nanorods: Recent Advances and Future Perspectives. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900781	24	49
116	DNA-Mediated Self-Assembly and Metallization of Semiconductor Nanorods for the Fabrication of Nanoelectronic Interfaces. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9012-9016	4.8	12
115	Doped Colloidal InAs Nanocrystals in the Single Ionized Dopant Limit. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 14803-14812	3.8	1
114	Liposomes of Quantum Dots Configured for Passive and Active Delivery to Tumor Tissue. <i>Nano Letters</i> , <b>2019</b> , 19, 5844-5852	11.5	23
113	Colloidal Quantum Materials for Photocatalytic Applications <b>2019</b> , 105-117		
112	Surface Versus Impurity-Doping Contributions in InAs Nanocrystal Field Effect Transistor Performance. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 18717-18725	3.8	4
111	Shell Stabilization of Photocatalytic ZnSe Nanorods. <i>ChemCatChem</i> , <b>2019</b> , 11, 6208-6212	5.2	8
110	Chemically reversible isomerization of inorganic clusters. <i>Science</i> , <b>2019</b> , 363, 731-735	33.3	42
109	Colloidal quantum dot molecules manifesting quantum coupling at room temperature. <i>Nature Communications</i> , <b>2019</b> , 10, 5401	17.4	42
108	Electronic coupling in colloidal quantum dot molecules; the case of CdSe/CdS core/shell homodimers. <i>Journal of Chemical Physics</i> , <b>2019</b> , 151, 224501	3.9	11
107	Strain-controlled shell morphology on quantum rods. <i>Nature Communications</i> , <b>2019</b> , 10, 2	17.4	40
106	Photocatalytic Hybrid Semiconductor-Metal Nanoparticles; from Synergistic Properties to Emerging Applications. <i>Advanced Materials</i> , <b>2018</b> , 30, e1706697	24	71
105	Mesophase Formation Stabilizes High-Purity Magic-Sized Clusters. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 3652-3662	16.4	44
104	Kolloidale Quantennanostrukturen: neue Materialien für Displayanwendungen. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 4354-4376	3.6	11
103	Colloidal Quantum Nanostructures: Emerging Materials for Display Applications. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 4274-4295	16.4	120
102	Charge Carrier Dynamics in Photocatalytic Hybrid Semiconductor-Metal Nanorods: Crossover from Auger Recombination to Charge Transfer. <i>Nano Letters</i> , <b>2018</b> , 18, 5211-5216	11.5	34

101	The Metal Type Governs Photocatalytic Reactive Oxygen Species Formation by Semiconductor-Metal Hybrid Nanoparticles. <i>ChemCatChem</i> , <b>2018</b> , 10, 5119-5123	5.2	7
100	Controlling Anisotropic Growth of Colloidal ZnSe Nanostructures. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14627-14637	16.4	27
99	Semiconductor Seeded Nanorods with Graded Composition Exhibiting High Quantum-Yield, High Polarization, and Minimal Blinking. <i>Nano Letters</i> , <b>2017</b> , 17, 2524-2531	11.5	43
98	Delivery of Liposomal Quantum Dots via Monocytes for Imaging of Inflamed Tissue. <i>ACS Nano</i> , <b>2017</b> , 11, 3038-3051	16.7	28
97	Magic size InP and InAs clusters: synthesis, characterization and shell growth. <i>Chemical Communications</i> , <b>2017</b> , 53, 2626-2629	5.8	22
96	Carbon Nanotube and Semiconductor Nanorods Hybrids: Preparation, Characterization, and Evaluation of Photocurrent Generation. <i>Langmuir</i> , <b>2017</b> , 33, 5519-5526	4	4
95	Rapid Three-Dimensional Printing in Water Using Semiconductor-Metal Hybrid Nanoparticles as Photoinitiators. <i>Nano Letters</i> , <b>2017</b> , 17, 4497-4501	11.5	67
94	Size Dependence of Doping by a Vacancy Formation Reaction in Copper Sulfide Nanocrystals. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 10335-10340	16.4	22
93	Phonon-Plasmon Coupling and Active Cu Dopants in Indium Arsenide Nanocrystals Studied by Resonance Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 2519-2525	6.4	7
92	Photoelectrochemistry of colloidal Cu <sub>2</sub> O nanocrystal layers: the role of interfacial chemistry. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 22255-22264	13	4
91	Size Dependence of Doping by a Vacancy Formation Reaction in Copper Sulfide Nanocrystals. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 10471-10476	3.6	8
90	Heavy-Metal-Free Fluorescent ZnTe/ZnSe Nanodumbbells. <i>ACS Nano</i> , <b>2017</b> , 11, 7312-7320	16.7	21
89	Reversed Nanoscale Kirkendall Effect in AuInAs Hybrid Nanoparticles. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 8032-8043	9.6	17
88	Photocatalytic Reactive Oxygen Species Formation by Semiconductor-Metal Hybrid Nanoparticles. Toward Light-Induced Modulation of Biological Processes. <i>Nano Letters</i> , <b>2016</b> , 16, 4266-73	11.5	86
87	Optimal metal domain size for photocatalysis with hybrid semiconductor-metal nanorods. <i>Nature Communications</i> , <b>2016</b> , 7, 10413	17.4	150
86	Impurity Sub-Band in Heavily Cu-Doped InAs Nanocrystal Quantum Dots Detected by Ultrafast Transient Absorption. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 3088-97	2.8	13
85	Copper Sulfide Nanocrystal Level Structure and Electrochemical Functionality towards Sensing Applications. <i>ChemPhysChem</i> , <b>2016</b> , 17, 675-80	3.2	16
84	Hybrid Semiconductor-Metal Nanorods as Photocatalysts. <i>Topics in Current Chemistry</i> , <b>2016</b> , 374, 54	7.2	47

83	Charge Transport in Cu <sub>2</sub> S Nanocrystals Arrays: Effects of Crystallite Size and Ligand Length. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2015</b> , 229, 179-190	3.1	8
82	From Impurity Doping to Metallic Growth in Diffusion Doping: Properties and Structure of Silver-Doped InAs Nanocrystals. <i>ACS Nano</i> , <b>2015</b> , 9, 10790-800	16.7	26
81	Inkjet printed fluorescent nanorod layers exhibit superior optical performance over quantum dots. <i>Nanoscale</i> , <b>2015</b> , 7, 19193-200	7.7	29
80	PEG-Phospholipids Coated Quantum Rods as Amplifiers of the Photosensitization Process by FRET. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 21107-14	9.5	20
79	Effect of surface coating on the photocatalytic function of hybrid CdS-Au nanorods. <i>Small</i> , <b>2015</b> , 11, 4621-71	17.1	108
78	Size-Dependent Ligand Layer Dynamics in Semiconductor Nanocrystals Probed by Anisotropy Measurements. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 12640-12644	3.6	
77	8.2: Semiconductor Quantum Rods for Display Applications. <i>Digest of Technical Papers SID International Symposium</i> , <b>2015</b> , 46, 71-72	0.5	2
76	Size-dependent ligand layer dynamics in semiconductor nanocrystals probed by anisotropy measurements. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 12463-7	16.4	11
75	Innenrücktitelbild: Size-Dependent Ligand Layer Dynamics in Semiconductor Nanocrystals Probed by Anisotropy Measurements (Angew. Chem. 42/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 12697-12697	3.6	
74	Couples of colloidal semiconductor nanorods formed by self-limited assembly. <i>Nature Materials</i> , <b>2014</b> , 13, 301-7	27	90
73	Perpendicular Orientation of Anisotropic Au-Tipped CdS Nanorods at the Air/Water Interface. <i>Advanced Materials Interfaces</i> , <b>2014</b> , 1, 1300030	4.6	8
72	Semiconductor nanorod-carbon nanotube biomimetic films for wire-free photostimulation of blind retinas. <i>Nano Letters</i> , <b>2014</b> , 14, 6685-92	11.5	83
71	Rhodium growth on Cu <sub>2</sub> S nanocrystals yielding hybrid nanoscale inorganic cages and their synergistic properties. <i>CrystEngComm</i> , <b>2014</b> , 16, 9506-9512	3.3	18
70	A general strategy for synthesizing colloidal semiconductor zinc chalcogenide quantum rods. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 11121-7	16.4	65
69	Hybrid Semiconductor/Metal Nanoparticles: From Architecture to Function. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 97-110	9.6	288
68	Band-gap engineering, optoelectronic properties and applications of colloidal heterostructured semiconductor nanorods. <i>Nano Today</i> , <b>2013</b> , 8, 494-513	17.9	114
67	Polarization Properties of Semiconductor Nanorod Heterostructures: From Single Particles to the Ensemble. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 502-7	6.4	73
66	Unraveling the Impurity Location and Binding in Heavily Doped Semiconductor Nanocrystals: The Case of Cu in InAs Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 13688-13696	3.8	32

65	Single-particle studies of band alignment effects on electron transfer dynamics from semiconductor hetero-nanostructures to single-walled carbon nanotubes. <i>ACS Nano</i> , <b>2012</b> , 6, 176-82	16.7	20
64	Semiconductor nanorod layers aligned through mechanical rubbing. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2012</b> , 209, 235-242	1.6	35
63	Ultrafast photoinduced charge separation in metal-semiconductor nanohybrids. <i>ACS Nano</i> , <b>2012</b> , 6, 7034-43	16.7	98
62	Periodic negative differential conductance in a single metallic nanocage. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	9
61	Electronic properties of hybrid Cu <sub>2</sub> S/Ru semiconductor/metallic-cage nanoparticles. <i>Nanotechnology</i> , <b>2012</b> , 23, 505710	3.4	14
60	Highly emissive nano rod-in-rod heterostructures with strong linear polarization. <i>Nano Letters</i> , <b>2011</b> , 11, 2054-60	11.5	170
59	Absorption properties of metal-semiconductor hybrid nanoparticles. <i>ACS Nano</i> , <b>2011</b> , 5, 4712-9	16.7	177
58	Heavily doped semiconductor nanocrystal quantum dots. <i>Science</i> , <b>2011</b> , 332, 77-81	33.3	582
57	Synthesis and Photocatalytic Properties of a Family of CdS-PdX Hybrid Nanoparticles. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1217-1221	3.6	33
56	Quantum dot labeling of butyrylcholinesterase maintains substrate and inhibitor interactions and cell adherence features. <i>ACS Chemical Neuroscience</i> , <b>2011</b> , 2, 141-50	5.7	17
55	Hybrid nanoscale inorganic cages. <i>Nature Materials</i> , <b>2010</b> , 9, 810-5	27	119
54	Syntheses and Characterizations <b>2010</b> , 49-310		3
53	Co-assembly of block copolymers and nanorods in ultrathin films: effects of copolymer size and nanorod filling fraction. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 11885-93	3.6	38
52	Nanoscale near-field imaging of excitons in single heterostructured nanorods. <i>Nano Letters</i> , <b>2010</b> , 10, 3068-72	11.5	37
51	Interface Modifications of InAs Quantum-Dots Solids and their Effects on FET Performance. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1005-1010	15.6	21
50	Hierarchical surface patterns of nanorods obtained by co-assembly with block copolymers in ultrathin films. <i>Advanced Materials</i> , <b>2010</b> , 22, 2774-9	24	72
49	Colloidal hybrid nanostructures: a new type of functional materials. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 4878-97	16.4	668
48	Size dependence of molar absorption coefficients of CdSe semiconductor quantum rods. <i>ChemPhysChem</i> , <b>2009</b> , 10, 1028-31	3.2	45

47	Particle size, surface coating, and PEGylation influence the biodistribution of quantum dots in living mice. <i>Small</i> , <b>2009</b> , 5, 126-34	11	368
46	Multiexciton engineering in seeded core/shell nanorods: transfer from type-I to quasi-type-II regimes. <i>Nano Letters</i> , <b>2009</b> , 9, 3470-6	11.5	162
45	Au growth on semiconductor nanorods: photoinduced versus thermal growth mechanisms. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17406-11	16.4	175
44	Tuning energetic levels in nanocrystal quantum dots through surface manipulations. <i>Nano Letters</i> , <b>2008</b> , 8, 678-84	11.5	140
43	Determination of band offsets in heterostructured colloidal nanorods using scanning tunneling spectroscopy. <i>Nano Letters</i> , <b>2008</b> , 8, 2954-8	11.5	164
42	Selective Gold Growth on CdSe Seeded CdS Nanorods. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 6900-6902	9.6	122
41	Visible light-induced charge retention and photocatalysis with hybrid CdSe-Au nanodumbbells. <i>Nano Letters</i> , <b>2008</b> , 8, 637-41	11.5	443
40	ZnSe quantum dots within CdS nanorods: a seeded-growth type-II system. <i>Small</i> , <b>2008</b> , 4, 1319-23	11	106
39	Multiexcitons in type-II colloidal semiconductor quantum dots. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	184
38	Quantum Description of the Impulsive Photodissociation Dynamics of I in Solution. <i>Advances in Chemical Physics</i> , <b>2007</b> , 229-315		25
37	Synthesis of InAs/CdSe/ZnSe core/shell1/shell2 structures with bright and stable near-infrared fluorescence. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 257-64	16.4	165
36	Multiexciton spectroscopy of semiconductor nanocrystals under quasi-continuous-wave optical pumping. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	47
35	Synthesis of hybrid CdS-Au colloidal nanostructures. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 25421-9	3.4	289
34	Electric field induced switching of the fluorescence of single semiconductor quantum rods. <i>Nano Letters</i> , <b>2005</b> , 5, 1581-6	11.5	118
33	Formation of asymmetric one-sided metal-tipped semiconductor nanocrystal dots and rods. <i>Nature Materials</i> , <b>2005</b> , 4, 855-863	27	491
32	Optical gain from InAs nanocrystal quantum dots in a polymer matrix. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 251108	3.4	26
31	Synthesis of InP and InAs quantum rods using Indium Acetate and Myristic acid. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 848, 388		1
30	Direct observation of highly polarized non-linear absorption dipole of single semiconductor quantum rods. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 818, 330		

29	Fabrication and optical properties of polymeric waveguides containing nanocrystalline quantum dots. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 4469	3.4	41
28	Shape control of III-V semiconductor nanocrystals: synthesis and properties of InAs quantum rods. <i>Faraday Discussions</i> , <b>2004</b> , 125, 23-38; discussion 99-116	3.6	62
27	Electronic Level Structure and Single Electron Tunneling Effects in CdSe Quantum Rods. <i>Israel Journal of Chemistry</i> , <b>2004</b> , 44, 391-400	3.4	5
26	Selective growth of metal tips onto semiconductor quantum rods and tetrapods. <i>Science</i> , <b>2004</b> , 304, 1787-90	33.3	996
25	Lasing from CdSe/ZnS Quantum Rods in a Cylindrical Microcavity. <i>Materials Research Society Symposia Proceedings</i> , <b>2003</b> , 789, 234		2
24	Tunneling and optical spectroscopy of semiconductor nanocrystals. <i>Annual Review of Physical Chemistry</i> , <b>2003</b> , 54, 465-92	15.7	131
23	Synthesis and size-dependent properties of zinc-blende semiconductor quantum rods. <i>Nature Materials</i> , <b>2003</b> , 2, 155-8	27	360
22	Synthesis and Properties of CdSe/ZnS Core/Shell Nanorods. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 3955-3960	9.6	223
21	Synthesis, Structure, and Optical Properties of New Cadmium Chalcogenide Clusters of the Type [Cd <sub>10</sub> E <sub>4</sub> (E <sup>SP</sup> ) <sub>12</sub> (PR <sub>3</sub> ) <sub>4</sub> ], (E, ES= Te, Se, S). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2002</b> , 628, 2415-2421	1.3	28
20	Size and shape dependent level structure in CdSe quantum rods. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 737, 174		
19	Size-dependent tunneling and optical spectroscopy of CdSe quantum rods. <i>Physical Review Letters</i> , <b>2002</b> , 89, 086801	7.4	190
18	Efficient near-infrared polymer nanocrystal light-emitting diodes. <i>Science</i> , <b>2002</b> , 295, 1506-8	33.3	1182
17	Control of charging in resonant tunneling through InAs nanocrystal quantum dots. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 117-119	3.4	49
16	Imaging and spectroscopy of artificial-atom states in core/shell nanocrystal quantum dots. <i>Physical Review Letters</i> , <b>2001</b> , 86, 5751-4	7.4	123
15	Growth and Properties of Semiconductor Core/Shell Nanocrystals with InAs Cores. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 9692-9702	16.4	396
14	Identification of atomic-like electronic states in indium arsenide nanocrystal quantum dots. <i>Nature</i> , <b>1999</b> , 400, 542-544	50.4	497
13	Colloidal Synthesis and Properties of InAs/InP and InAs/CdSe Core/Shell Nanocrystals. <i>Materials Research Society Symposia Proceedings</i> , <b>1999</b> , 571, 75		4
12	Synthese und Charakterisierung von InAs/InP- und InAs/CdSe-Kern/Schalen-Nanokristallen. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 3913-3916	3.6	11



11	Synthesis and Characterization of InAs/InP and InAs/CdSe Core/Shell Nanocrystals. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 3692-3694	16.4	141
10	Impulsive excitation of coherent vibrational motion ground surface dynamics induced by intense short pulses. <i>Journal of Chemical Physics</i> , <b>1994</b> , 101, 8461-8481	3.9	205
9	Ultrafast photodissociation of I <sub>3</sub> . Coherent photochemistry in solution. <i>Journal of Chemical Physics</i> , <b>1993</b> , 98, 4391-4403	3.9	163
8	Ultrafast photodissociation of I <sub>3</sub> in ethanol: A molecular dynamics study. <i>Journal of Chemical Physics</i> , <b>1993</b> , 98, 8337-8340	3.9	72
7	Ultrafast vibrational dynamics of nascent diiodide fragments studied by femtosecond transient resonance impulsive stimulated Raman scattering. <i>Journal of Chemical Physics</i> , <b>1993</b> , 99, 9318-9321	3.9	59
6	Femtosecond Chemical Dynamics in Solution: Photodissociation of I <sub>3</sub> <sup>-</sup> . <i>Israel Journal of Chemistry</i> , <b>1993</b> , 33, 141-156	3.4	47
5	Ultrafast photodissociation of I <sub>3</sub> in solution: Direct observation of coherent product vibrations. <i>Journal of Chemical Physics</i> , <b>1992</b> , 96, 2416-2419	3.9	110
4	Syntheses and Characterizations: 3.1 Semiconductor Nanoparticles 50-185		
3	Properties 305-367		
2	Properties 371-454		1
1	Ligands Mediate Anion Exchange between Colloidal Lead-Halide Perovskite Nanocrystals. <i>Nano Letters</i> ,	11.5	3