

# Directed emission of CdSe nanoplatelets originating from electronic structure

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Origin of Shape-Dependent Fluorescence Polarization from CdSe Nanoplatelets. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24837-24844.	1.5	33
4	Directed Two-Photon Absorption in CdSe Nanoplatelets Revealed by <i>k</i> -Space Spectroscopy. <i>Nano Letters</i> , 2017, 17, 6321-6329.	4.5	35
5	Dual-Hole Excitons Activated Photoelectrolysis in Neutral Solution. <i>Small</i> , 2018, 14, e1704047.	5.2	0
6	<i>s</i> - <i>d</i> Exchange Interactions in Wave Function Engineered Colloidal CdSe/Mn:CdS Hetero-Nanoplatelets. <i>Nano Letters</i> , 2018, 18, 2047-2053.	4.5	32
7	Effect of Dangling Bond Spins on the Dark Exciton Recombination and Spin Polarization in CdSe Colloidal Nanostructures. <i>Journal of Electronic Materials</i> , 2018, 47, 4338-4344.	1.0	5
8	Anisotropy of Structure and Optical Properties of Self-Assembled and Oriented Colloidal CdSe Nanoplatelets. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 1619-1630.	1.4	4
9	Influence of morphology on the blinking mechanisms and the excitonic fine structure of single colloidal nanoplatelets. <i>Nanoscale</i> , 2018, 10, 22861-22870.	2.8	11
10	Weak Exciton-Phonon Coupling in CdSe Nanoplatelets from Quantitative Resonance Raman Intensity Analysis. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27100-27106.	1.5	12
11	Distinct Excitonic Circular Dichroism between Wurtzite and Zinblend CdSe Nanoplatelets. <i>Nano Letters</i> , 2018, 18, 6665-6671.	4.5	68
12	Impact of Shell Growth on Recombination Dynamics and Exciton-Phonon Interaction in CdSe-CdS Core-Shell Nanoplatelets. <i>ACS Nano</i> , 2018, 12, 9476-9483.	7.3	39
13	Tunable Out-of-Plane Excitons in 2D Single-Crystal Perovskites. <i>ACS Photonics</i> , 2018, 5, 4179-4185.	3.2	67
14	Near-Unity Efficiency Energy Transfer from Colloidal Semiconductor Quantum Wells of CdSe/CdS Nanoplatelets to a Monolayer of MoS <sub>2</sub> . <i>ACS Nano</i> , 2018, 12, 8547-8554.	7.3	34
15	Anisotropic Photoluminescence from Isotropic Optical Transition Dipoles in Semiconductor Nanoplatelets. <i>Nano Letters</i> , 2018, 18, 4647-4652.	4.5	38
16	Colloidal branched CdSe/CdS "nanospiders"™ with 2D/1D heterostructure. <i>Nanotechnology</i> , 2018, 29, 395604.	1.3	3
17	Tuning Intraband and Interband Transition Rates via Excitonic Correlation in Low-Dimensional Semiconductors. <i>ACS Photonics</i> , 2018, 5, 3680-3688.	3.2	28
18	Insights into the Formation Mechanism of CdSe Nanoplatelets Using in Situ X-ray Scattering. <i>Nano Letters</i> , 2019, 19, 6466-6474.	4.5	26
19	Exciton Localization and Radiative Lifetimes in CdSe Nanoplatelets. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18665-18675.	1.5	19
20	Uniaxial transition dipole moments in semiconductor quantum rings caused by broken rotational symmetry. <i>Nature Communications</i> , 2019, 10, 3253.	5.8	19

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21	Ultrathin Highly Luminescent Two-Dimensional Monolayer Colloidal CdSe Nanoplatelets. <i>Advanced Functional Materials</i> , 2019, 29, 1901028.	7.8	56
22	CdSe@CdS Dot@Platelet Nanocrystals: Controlled Epitaxy, Monoexponential Decay of Two-Dimensional Exciton, and Nonblinking Photoluminescence of Single Nanocrystal. <i>Journal of the American Chemical Society</i> , 2019, 141, 17617-17628.	6.6	25
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26	Out-of-plane orientation of luminescent excitons in two-dimensional indium selenide. <i>Nature Communications</i> , 2019, 10, 3913.	5.8	70
27	Polarized near-infrared intersubband absorptions in CdSe colloidal quantum wells. <i>Nature Communications</i> , 2019, 10, 4511.	5.8	34
28	Tunable and Efficient Red to Near-Infrared Photoluminescence by Synergistic Exploitation of Core and Surface Silver Doping of CdSe Nanoplatelets. <i>Chemistry of Materials</i> , 2019, 31, 1450-1459.	3.2	64
29	Contrasting Anisotropy of Light Absorption and Emission by Semiconductor Nanoparticles. <i>ACS Photonics</i> , 2019, 6, 1146-1152.	3.2	9
30	Ultrahigh-efficiency aqueous flat nanocrystals of CdSe/CdS@Cd <sub>1-x</sub> Zn <sub>x</sub> S colloidal core/crown@alloyed-shell quantum wells. <i>Nanoscale</i> , 2019, 11, 301-310.	2.8	44
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37	Impurity incorporation and exchange interactions in Co <sup>2+</sup> -doped CdSe/CdS core/shell nanoplatelets. <i>Journal of Chemical Physics</i> , 2019, 151, 224708.	1.2	4
38	Room-Temperature Strong Coupling of CdSe Nanoplatelets and Plasmonic Hole Arrays. <i>Nano Letters</i> , 2019, 19, 108-115.	4.5	23

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39	Dipole Orientation Shift of Ga <sub>2</sub> Se <sub>2</sub> by Quantum Confinement. ACS Nano, 2020, 14, 1027-1032.	7.3	6
40	Emission State Structure and Linewidth Broadening Mechanisms in Type-II CdSe/CdTe Core-Crown Nanoplatelets: A Combined Theoretical-Single Nanocrystal Optical Study. Journal of Physical Chemistry C, 2020, 124, 17352-17363.	1.5	13
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46	Photoactivation of CdSe Quantum Nanoplatelet Luminescence. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	1
47	Fourier-Imaging of Single Self-Assembled CdSe Nanoplatelet Chains and Clusters Reveals out-of-Plane Dipole Contribution. ACS Photonics, 2020, 7, 2825-2833.	3.2	8
48	Lateral Size Dependence in FRET between Semiconductor Nanoplatelets and Conjugated Fluorophores. Journal of Physical Chemistry C, 2020, 124, 25028-25037.	1.5	7
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51	Kinetic Control over Self-Assembly of Semiconductor Nanoplatelets. Nano Letters, 2020, 20, 4102-4110.	4.5	57
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