

# Rachel D Harris

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7638057/publications.pdf>

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8  
papers

772  
citations

1163117  
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all docs

8  
docs citations

8  
times ranked

1472  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Electronic Processes within Quantum Dot-Molecule Complexes. <i>Chemical Reviews</i> , 2016, 116, 12865-12919.  | 47.7 | 276       |
| 2 | The Role of Ligands in Determining the Exciton Relaxation Dynamics in Semiconductor Quantum Dots. <i>Annual Review of Physical Chemistry</i> , 2014, 65, 317-339.                                    | 10.8 | 193       |
| 3 | Subpicosecond Photoinduced Hole Transfer from a CdS Quantum Dot to a Molecular Acceptor Bound Through an Exciton-Delocalizing Ligand. <i>ACS Nano</i> , 2016, 10, 6372-6382.                         | 14.6 | 84        |
| 4 | Chemical and Electrochemical Manipulation of Mechanical Properties in Stimuli-Responsive Copper-Cross-Linked Hydrogels. <i>ACS Macro Letters</i> , 2013, 2, 1095-1099.                               | 4.8  | 81        |
| 5 | Enhanced Rate of Radiative Decay in CdSe Quantum Dots upon Adsorption of an Exciton-Delocalizing Ligand. <i>Nano Letters</i> , 2014, 14, 5323-5328.  | 9.1  | 58        |
| 6 | Role of Interligand Coupling in Determining the Interfacial Electronic Structure of Colloidal CdS Quantum Dots. <i>ACS Nano</i> , 2016, 10, 1395-1403.   | 14.6 | 45        |
| 7 | Enhancement of the Yield of Photoinduced Charge Separation in Zinc Porphyrin-Quantum Dot Complexes by a Bis(dithiocarbamate) Linkage. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5195-5202. | 3.1  | 22        |
| 8 | Composition and Permeability of Oleate Adlayers of CdS Quantum Dots upon Dilution to Photoluminescence-Relevant Concentrations. <i>Analytical Chemistry</i> , 2016, 88, 3310-3316.                   | 6.5  | 13        |