

# Eva Yazmin Santiago

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1533744/publications.pdf>

Version: 2024-02-01

8  
papers

338  
citations

1478280  
6  
h-index

1588896  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic Nanocrystals with Complex Shapes for Photocatalysis and Growth: Contrasting Anisotropic Hot-Electron Generation with the Photothermal Effect. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	15
2	Chiral Bioinspired Plasmonics: A Paradigm Shift for Optical Activity and Photochemistry. <i>ACS Photonics</i> , 2022, 9, 2219-2236.	3.2	26
3	Visible light driven oxidation of harmful 2-Chloroethyl ethyl sulfide using SiO <sub>2</sub> -TiO <sub>2</sub> composite particles and air. <i>Colloids and Interface Science Communications</i> , 2021, 41, 100362.	2.0	6
4	Efficiency of Hot-Electron Generation in Plasmonic Nanocrystals with Complex Shapes: Surface-Induced Scattering, Hot Spots, and Interband Transitions. <i>ACS Photonics</i> , 2020, 7, 2807-2824.	3.2	55
5	Determining Plasmonic Hot Electrons and Photothermal Effects during H <sub>2</sub> Evolution with TiN@Pt Nanohybrids. <i>ACS Catalysis</i> , 2020, 10, 5261-5271.	5.5	118
6	Comparing Photoelectrochemical Methanol Oxidation Mechanisms for Gold versus Titanium Nitride Nanoparticles Dispersed in TiO <sub>2</sub> Matrix. <i>Journal of the Electrochemical Society</i> , 2019, 166, H485-H493.	1.3	16
7	Electronic Structure of the Plasmons in Metal Nanocrystals: Fundamental Limitations for the Energy Efficiency of Hot Electron Generation. <i>ACS Energy Letters</i> , 2019, 4, 2552-2568.	8.8	98
8	Near Field Heat Transfer between Random Composite Materials: Applications and Limitations. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2017, 72, 129-134.	0.7	4