

# Denilson V Freitas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5354702/publications.pdf>

Version: 2024-02-01

19  
papers

262  
citations

933447  
10  
h-index

940533  
16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

310  
citing authors

1	Enhanced Visible-Light Photoelectrochemical Conversion on $\text{TiO}_2$ Nanotubes with $\text{Bi}_2\text{S}_3$ Quantum Dots Obtained by in Situ Electrochemical Method. <i>ACS Applied Energy Materials</i> , 2018, 1, 3636-3645.	5.1	42
2	Electrochemical synthesis of TGA-capped CdTe and CdSe quantum dots. <i>Green Chemistry</i> , 2014, 16, 3247.	9.0	32
3	Electrochemical synthetic route for preparation of CdTe quantum-dots stabilized by positively or negatively charged ligands. <i>Green Chemistry</i> , 2013, 15, 1061.	9.0	29
4	Toward greener electrochemical synthesis of composition-tunable luminescent CdX-based (X = Te, Se) Tj ETQq0 0 0 ggBT /Overlock 1	7.8	25
5	One-pot electrochemical synthesis of CdTe quantum dots in cavity cell. <i>Electrochimica Acta</i> , 2016, 190, 689-694.	5.2	23
6	Synthesis of $\text{CuInS}_2$ and $\text{CuInS}_2@\text{ZnX}$ (X= S, Se) nanoparticles for bioimaging of cancer cells using electrochemically generated $\text{S}^{2-}$ and $\text{Se}^{2-}$ . <i>Journal of Alloys and Compounds</i> , 2021, 853, 156926.	5.5	19
7	Boosting the performance of $\text{TiO}_2$ nanotubes with ecofriendly $\text{AgIn}_5\text{Se}_8$ quantum dots for photoelectrochemical hydrogen generation. <i>Journal of Power Sources</i> , 2021, 506, 230165.	7.8	15
8	SATS@CdTe hierarchical structures emitting green to red colors developed for latent fingerprint applications. <i>Dyes and Pigments</i> , 2020, 180, 108483.	3.7	13
9	Aqueous electrosynthesis of silver indium selenide nanocrystals and their photothermal properties. <i>Green Chemistry</i> , 2020, 22, 1239-1248.	9.0	11
10	Paired electrosynthesis of $\text{ZnSe}/\text{ZnS}$ quantum dots and $\text{Cu}^{2+}$ detection by fluorescence quenching. <i>Journal of Luminescence</i> , 2020, 228, 117611.	3.1	11
11	Tunable emission of $\text{AgIn}_5\text{S}_8$ and $\text{ZnAgIn}_5\text{S}_8$ nanocrystals: electrosynthesis, characterization and optical application. <i>Materials Today Chemistry</i> , 2020, 16, 100238.	3.5	10
12	Employment of electrochemically synthesized TGA@CdSe quantum dots for $\text{Cr}^{3+}$ determination in vitamin supplements. <i>Talanta</i> , 2015, 144, 986-991.	5.5	8
13	CdTe-GSH as luminescent biomarker for labeling the larvicidal action of WSMoL lectin in <i>Aedes aegypti</i> larvae. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 187, 110672.	5.0	8
14	Purification processes of cadmium based quantum dots in aqueous medium: a comparative study. <i>Materials Research Express</i> , 2017, 4, 075048.	1.6	6
15	Cysteamine-CdTe Quantum Dots Electrochemically Synthesized as Fluorescence Probe for Resveratrol. <i>Food Analytical Methods</i> , 2018, 11, 3371-3379.	2.6	3
16	One-step electrosynthesis of CdS quantum dots stabilized by babassu oil and luminescent films deposited by DoD technology. <i>Materials Chemistry and Physics</i> , 2019, 237, 121832.	4.0	3
17	Pb-MOF electrosynthesis based on recycling of lead-acid battery electrodes for hydrogen sulfide colorimetric detection. <i>Inorganica Chimica Acta</i> , 2021, 526, 120540.	2.4	2
18	Green synthesis of silver indium telluride nanocrystals: characterization and photothermal analyses. <i>Chemical Communications</i> , 2021, 57, 8445-8448.	4.1	2

#	ARTICLE	IF	CITATIONS
19	Photocatalytic Performance of Ta <sub>2</sub> O <sub>5</sub> /BiVO <sub>4</sub> Heterojunction for Hydrogen Production and Methylene Blue Photodegradation. Journal of the Brazilian Chemical Society, 0, , .	0.6	0