

Denilson V Freitas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

262
citations

932766

10
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Visible-Light Photoelectrochemical Conversion on TiO ₂ Nanotubes with Bi ₂ S ₃ Quantum Dots Obtained by in Situ Electrochemical Method. ACS Applied Energy Materials, 2018, 1, 3636-3645.	2.5	42
2	Electrochemical synthesis of TGA-capped CdTe and CdSe quantum dots. Green Chemistry, 2014, 16, 3247.	4.6	32
3	Electrochemical synthetic route for preparation of CdTe quantum-dots stabilized by positively or negatively charged ligands. Green Chemistry, 2013, 15, 1061.	4.6	29
4	Toward greener electrochemical synthesis of composition-tunable luminescent CdX-based (X = Te, Se,) Tj ETQq 0 0 0 rgBT / Overlock 10 T	4.6	25
5	One-pot electrochemical synthesis of CdTe quantum dots in cavity cell. Electrochimica Acta, 2016, 190, 689-694.	2.6	23
6	Synthesis of CuInS ₂ and CuInS ₂ @ZnX (X = S, Se) nanoparticles for bioimaging of cancer cells using electrochemically generated S ²⁻ and Se ²⁻ . Journal of Alloys and Compounds, 2021, 853, 156926.	2.8	19
7	Boosting the performance of TiO ₂ nanotubes with ecofriendly AgIn ₅ Se ₈ quantum dots for photoelectrochemical hydrogen generation. Journal of Power Sources, 2021, 506, 230165.	4.0	15
8	SATS@CdTe hierarchical structures emitting green to red colors developed for latent fingerprint applications. Dyes and Pigments, 2020, 180, 108483.	2.0	13
9	Aqueous electrosynthesis of silver indium selenide nanocrystals and their photothermal properties. Green Chemistry, 2020, 22, 1239-1248.	4.6	11
10	Paired electrosynthesis of ZnSe/ZnS quantum dots and Cu ²⁺ detection by fluorescence quenching. Journal of Luminescence, 2020, 228, 117611.	1.5	11
11	Tunable emission of AgIn ₅ S ₈ and ZnAgIn ₅ S ₈ nanocrystals: electrosynthesis, characterization and optical application. Materials Today Chemistry, 2020, 16, 100238.	1.7	10
12	Employment of electrochemically synthesized TGA@CdSe quantum dots for Cr ³⁺ determination in vitamin supplements. Talanta, 2015, 144, 986-991.	2.9	8
13	CdTe-GSH as luminescent biomarker for labeling the larvicidal action of WSMoL lectin in Aedes aegypti larvae. Colloids and Surfaces B: Biointerfaces, 2020, 187, 110672.	2.5	8
14	Purification processes of cadmium based quantum dots in aqueous medium: a comparative study. Materials Research Express, 2017, 4, 075048.	0.8	6
15	Cysteamine-CdTe Quantum Dots Electrochemically Synthesized as Fluorescence Probe for Resveratrol. Food Analytical Methods, 2018, 11, 3371-3379.	1.3	3
16	One-step electrosynthesis of CdS quantum dots stabilized by babassu oil and luminescent films deposited by DoD technology. Materials Chemistry and Physics, 2019, 237, 121832.	2.0	3
17	Pb-MOF electrosynthesis based on recycling of lead-acid battery electrodes for hydrogen sulfide colorimetric detection. Inorganica Chimica Acta, 2021, 526, 120540.	1.2	2
18	Green synthesis of silver indium telluride nanocrystals: characterization and photothermal analyses. Chemical Communications, 2021, 57, 8445-8448.	2.2	2

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