

Cesar A Sierra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6571929/publications.pdf>

Version: 2024-02-01

39
papers

463
citations

933410

10
h-index

752679

20
g-index

43
all docs

43
docs citations

43
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Study and characterization of the lignocellulosic Fique (<i>Furcraea Andina</i> spp.) fiber. <i>Cellulose</i> , 2022, 29, 2187-2198.	4.9	7
2	Stability and Performance Enhancement of an Oligo (phenylene vinylene) Photocatalyst via Surface Grafting onto TiO ₂ for Visible-Light Indigo Carmine Degradation. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
3	Antibacterial activity of biosynthesized silver nanoparticles (AgNps) against <i>Pectobacterium carotovorum</i> . <i>Brazilian Journal of Microbiology</i> , 2022, , .	2.0	2
4	The oligomer approach: An effective strategy to assess phenylene vinylene systems as organic heterogeneous photocatalysts in the degradation of aqueous indigo carmine dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112980.	3.9	5
5	Target grafting of poly(2-(dimethylamino)ethyl methacrylate) to biodegradable block copolymers. <i>Journal of Polymer Science</i> , 2020, 58, 2168-2180.	3.8	10
6	Impedimetric Detection of Ammonia and Low Molecular Weight Amines in the Gas Phase with Covalent Organic Frameworks. <i>Sensors</i> , 2020, 20, 1385.	3.8	6
7	Exploring the nitro group reduction in low-solubility oligo-phenylenevinylene systems: Rapid synthesis of amino derivatives. <i>Synthetic Communications</i> , 2020, 50, 1335-1352.	2.1	3
8	Detection of antipersonnel landmines containing ANFO-based explosive: A review. <i>Revista Colombiana De Quimica</i> , 2020, 49, 47-57.	0.4	0
9	Spectroscopic and Time-Dependent DFT Study of the Photophysical Properties of Substituted 1,4-Distyrylbenzenes. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6496-6505.	2.5	7
10	Nature of Color Diversity in Phenylenevinylene-Based Polymorphs. <i>Crystal Growth and Design</i> , 2019, 19, 3913-3922.	3.0	6
11	Pd/Halloysite as a Novel, Efficient and Reusable Heterogeneous Nanocatalyst for the Synthesis of <i>p</i> -Phenylenevinylene Oligomers. <i>ChemistrySelect</i> , 2018, 3, 4430-4438.	1.5	7
12	hIAPP forms toxic oligomers in plasma. <i>Chemical Communications</i> , 2018, 54, 5426-5429.	4.1	28
13	Heterogeneous Fenton oxidation of Orange II using iron nanoparticles supported on natural and functionalized fique fiber. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4178-4188.	6.7	13
14	Synthesis, characterization, X-ray crystal structure and DFT calculations of 4-([2,2':6',2''-terpyridin]-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	4
15	Phenylenevinylene oligomers by Mizoroki-Heck cross coupling reaction. Structural and optoelectronic characterization. <i>Journal of Molecular Structure</i> , 2017, 1133, 448-457.	3.6	11
16	Micro-composites based on polylactic acid with kaolinite or rice husk particles and their performance on water vapor permeability. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 669-677.	2.2	6
17	Oligo <i>p</i> -Phenylenevinylene Derivatives as Electron Transfer Matrices for UV-MALDI. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2548-2560.	2.8	13
18	Crystal structure of N-(2-benzoyl-5-ethynylphenyl)quinoline-2-carboxamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 602-605.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Crystal structures of three <i>N</i> -(3-acetylphenyl)quinoline-2-carboxamides. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 804-808.	0.5	0
20	Crystal structure of ethyl (E)-2-cyano-3-(thiophen-2-yl)acrylate: two conformers forming a discrete disorder. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1287-1289.	0.5	3
21	Nanostructured MnO ₂ catalyst in <i>E. crassipes</i> (water hyacinth) for indigo carmine degradation. Revista Colombiana De Quimica, 2016, 45, 30.	0.4	8
22	9-(4-Hydroxybutyl)-3,3,6,6-tetramethyl-3,4,5,6,7,9-hexahydro-1H-xanthene-1,8(2H)-dione. MolBank, 2016, 2016, M884.	0.5	1
23	Phenylenevinylene Systems: The Oligomer Approach. , 2016, , .		0
24	Definición de nanomateriales para Colombia. Revista Colombiana De Quimica, 2016, 45, 15.	0.4	3
25	Evaluation of sodium acetate trihydrate-urea DES as a benign reaction media for the Biginelli reaction. Unexpected synthesis of methylenebis(3-hydroxy-5,5-dimethylcyclohex-2-enones), hexahydroxanthene-1,8-diones and hexahydroacridine-1,8-diones. RSC Advances, 2016, 6, 65355-65365.	3.6	28
26	A panchromatic modification of the light absorption spectra of metal-organic frameworks. Chemical Communications, 2016, 52, 6665-6668.	4.1	44
27	Synthesis, crystal structure determination and photoluminescence properties of a pure anti trans-trans phenylenevinylene derivative. Synthetic Metals, 2016, 215, 194-199.	3.9	8
28	1,4-Di(2-butoxycarbonyl-trans-vinyl)-2,5-dimethoxybenzene. MolBank, 2015, 2015, M876.	0.5	1
29	Synthesis of novel phenylenevinylene linkers with electron-donating substituents by the Heck reaction. Synthetic Metals, 2015, 209, 183-187.	3.9	3
30	Antibacterial activity against <i>Escherichia coli</i> of Cu-BTC (MOF-199) metal-organic framework immobilized onto cellulosic fibers. Journal of Applied Polymer Science, 2014, 131, .	2.6	137
31	Competitive One-Pot Reactions: Simultaneous Synthesis of Decahydroacridine-1,8-diones and 1,8-Dioxo-octahydroxanthenes and Photophysical Characterization. Synthetic Communications, 2014, 44, 648-659.	2.1	6
32	High yield and stereospecific synthesis of segmented poly (p-phenylene vinylene) by the Heck reaction. Synthetic Metals, 2013, 172, 32-36.	3.9	10
33	High-Yield Synthesis of the Novel E,E-2,5-Dimethoxy-1,4-bis[2-(4-ethylcarboxylate)styryl]benzene by the Heck Reaction. Synthetic Communications, 2013, 43, 2280-2285.	2.1	6
34	Photoinduced Energy Transfer in Bichromophoric Pyrene-PPV Oligomer Systems: The Role of Flexible Donor-Acceptor Bridges. Journal of Physical Chemistry B, 2012, 116, 3490-3503.	2.6	9
35	Intrinsic Fluorescence of 1,3-Benzoxazinephanes. Heterocycles, 2011, 83, 2769.	0.7	5
36	Iodine mediated an efficient and greener thiocyanation of aminopyrimidines by a modification of the Kaufmann-TM's reaction. Tetrahedron Letters, 2011, 52, 2652-2654.	1.4	9

#	ARTICLE	IF	CITATIONS
37	Triphenylphosphite and ionic liquids: positive effects in the Heck cross-coupling reaction. Tetrahedron Letters, 2010, 51, 6867-6870.	1.4	16
38	A Simple Multichromophore Design for Energy Transfer in Distyrylbenzenes with Pyrene Pendants. Journal of Physical Chemistry A, 2006, 110, 12081-12088.	2.5	11
39	A Photoluminescent, Segmented Oligo-Polyphenylenevinylene Copolymer with Hydrogen-Bonding Pendant Chains. Chemistry of Materials, 2004, 16, 55-61.	6.7	26