

Kefa Karimu Onchoke

List of Publications by Year in descending order

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28
papers

314
citations

1163117

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docs citations

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times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation and analysis of perlite and municipal wastewater sludge (biosolids) from three wastewater treatment plants in East Texas, USA. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 121.	2.7	7
2	¹³ C NMR chemical shift assignments of nitrated benzo[a]pyrenes based on two-dimensional techniques and DFT/GIAO calculations. <i>Results in Chemistry</i> , 2021, 3, 100099.	2.0	6
3	Structural and compositional data of maya pottery samples from Lake Pet�n Itz�j, Guatemala: Central America. <i>Data in Brief</i> , 2021, 35, 106886.	1.0	0
4	Comprehensive structural and compositional investigation of Maya pottery sherds from Lake Pet�n Itz�j, Guatemala, Central America. <i>Journal of Archaeological Science: Reports</i> , 2021, 36, 102767.	0.5	2
5	Student Success in Five Concepts: A Six-Year Study in an Introductory Chemistry Course for Non-Science Majors. <i>World Journal of Chemical Education</i> , 2021, 9, 46-49.	0.3	0
6	Evaluating bioavailability of elements in municipal wastewater sludge (Biosolids) from three rural wastewater treatment plants in East Texas (USA) by a sequential extraction procedure. <i>Results in Chemistry</i> , 2021, 3, 100211.	2.0	3
7	Data on GC/MS elution profile, ¹ H and ¹³ C NMR spectra of 1-, 3-, and 6-Nitrobenzo[a]pyrenes. <i>Data in Brief</i> , 2020, 28, 104995.	1.0	1
8	Vibrational Spectroscopic Studies of Nitrated Polycyclic Aromatic Hydrocarbons (NPAHs): A Review (1960-2019). <i>Vibrational Spectroscopy</i> , 2020, 109, 103072.	2.2	4
9	Polycyclic Aromatic Hydrocarbons in Soil Samples from Diboll, East Texas (USA). <i>Analytical Chemistry Letters</i> , 2019, 9, 273-290.	1.0	1
10	Electrochemical Characteristics of Benzanthrone Studied via Cyclic Voltammetry: Charge Transfer Redox Processes. <i>Analytical Chemistry Letters</i> , 2019, 9, 128-142.	1.0	3
11	SYNTHESIS OF 2-, AND 3-NITROBENZANTHRONE VIA DIRECT NITRATION OF BENZANTHRONE WITH NITRIC ACID/ACETIC ACID. <i>Texas Journal of Science</i> , 2019, 71, .	0.2	0
12	Influence of Composted Wastewater Sludge (CWS) on Lead and Copper Uptake by Radish (<i>Raphanus) Tj ETQq0,0,0 rgBT /Overlock 1	1.2	1
13	Data on ion composition and X-ray diffraction patterns of biosolids from wastewater treatment plants in Lufkin and Nacogdoches, Texas, USA. <i>Data in Brief</i> , 2018, 20, 880-888.	1.0	2
14	Structural characterization and evaluation of municipal wastewater sludge (biosolids) from two rural wastewater treatment plants in East Texas, USA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 514-524.	3.9	20
15	Determination of Hexavalent Chromium (Cr(VI)) Concentrations via Ion Chromatography and UV-Vis Spectrophotometry in Samples Collected from Nacogdoches Wastewater Treatment Plant, East Texas (USA). <i>Advances in Environmental Chemistry</i> , 2016, 2016, 1-10.	1.8	89
16	Vibrational and electronic spectra of 2-nitrobenzanthrone: An experimental and computational study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 402-414.	3.9	6
17	Evaluation of the performance of a rural municipal wastewater treatment plant in Nacogdoches, East Texas (USA). <i>Chemistry and Ecology</i> , 2015, 31, 567-582.	1.6	9
18	A TD-DFT study of the absorption spectra of mono-nitrated fluoranthenes. <i>Computational and Theoretical Chemistry</i> , 2014, 1042, 23-34.	2.5	5

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19	A DFT Study of Vibrational Spectra and Mutagenicity Predictions of Mononitrated Fluoranthenes. <i>Polycyclic Aromatic Compounds</i> , 2013, 33, 473-500.	2.6	4
20	Vibrational and electronic spectra of 9,10-dihydrobenzo(a)pyren-7(8H)-one and 7,8,9,10-tetrahydrobenzo(a)pyrene: An experimental and computational study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 162-171.	3.9	7
21	DFT/TD-DFT investigation of optical absorption spectra, electron affinities, and ionization potentials of mono-nitrated benzantrones. <i>Computational and Theoretical Chemistry</i> , 2011, 963, 40-50.	2.5	19
22	Experimental and theoretical study of vibrational spectra of 3-nitrofluoranthene. <i>Journal of Molecular Structure</i> , 2011, 999, 22-28.	3.6	7
23	Structure- <i>mutagenicity</i> relationships and energies of 1-, and 2-nitrotriphenylenes. <i>Computational and Theoretical Chemistry</i> , 2009, 899, 79-85.	1.5	7
24	A DFT study of the vibrational spectra of 1-, and 2-nitrotriphenylene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 579-587.	3.9	12
25	Optical Spectroscopic Studies of Mononitrated Benzo[<i>a</i>]pyrenes. <i>Journal of Physical Chemistry A</i> , 2009, 113, 12558-12565.	2.5	19
26	DENSITY FUNCTIONAL THEORETICAL STUDY OF MONO-NITRATED FLUORANTHENES. <i>Polycyclic Aromatic Compounds</i> , 2008, 28, 193-212.	2.6	8
27	Structure and Vibrational Spectra of Mononitrated Benzo[<i>a</i>]pyrenes. <i>Journal of Physical Chemistry A</i> , 2006, 110, 76-84.	2.5	39
28	DENSITY FUNCTIONAL THEORETICAL STUDY OF NITRATED POLYCYCLIC AROMATIC HYDROCARBONS. <i>Polycyclic Aromatic Compounds</i> , 2004, 24, 37-64.	2.6	33