

# Bice S Martincigh

## List of Publications by Citations

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126  
papers

1,774  
citations

23  
h-index

36  
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129  
ext. papers

2,171  
ext. citations

3.9  
avg, IF

5.48  
L-index

#	Paper	IF	Citations
126	Facile Synthesis of Three-Dimensional Mg-Al Layered Double Hydroxide/Partially Reduced Graphene Oxide Nanocomposites for the Effective Removal of Pb from Aqueous Solution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 17290-17305	9.5	99
125	Adsorption studies of aqueous Pb(II) onto a sugarcane bagasse/multi-walled carbon nanotube composite. <i>Physics and Chemistry of the Earth</i> , <b>2013</b> , 66, 157-166	3	78
124	Photostability of the sunscreens agent 4-tert-butyl-4'-methoxydibenzoylmethane (avobenzone) in solvents of different polarity and proticity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2008</b> , 200, 410-420	4.7	78
123	Effectiveness of carbon nanotube@balt ferrite nanocomposites for the adsorption of rhodamine B from aqueous solutions. <i>RSC Advances</i> , <b>2015</b> , 5, 22724-22739	3.7	74
122	Compound specific isotope analysis of fatty acids and polycyclic aromatic hydrocarbons in aerosols: implications for biomass burning. <i>Organic Geochemistry</i> , <b>1996</b> , 25, 97-104	3.1	72
121	Capillary supercritical fluid chromatography combined with atmospheric pressure chemical ionisation mass spectrometry for the investigation of photoproduct formation in the sunscreen absorber 2-ethylhexyl-p-methoxycinnamate. <i>Journal of Chromatography A</i> , <b>1996</b> , 732, 101-110	4.5	70
120	A review of the current status of graphitic carbon nitride. <i>Critical Reviews in Solid State and Materials Sciences</i> , <b>2021</b> , 46, 189-217	10.1	66
119	LC-MS/MS determination of antiretroviral drugs in influents and effluents from wastewater treatment plants in KwaZulu-Natal, South Africa. <i>Chemosphere</i> , <b>2018</b> , 200, 660-670	8.4	58
118	Advances in carbon nanotubes as efficacious supports for palladium-catalysed carbon-carbon cross-coupling reactions. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 9225-9248	4.3	39
117	Sugar cane plant fibres: Separation and characterisation. <i>Industrial Crops and Products</i> , <b>2013</b> , 47, 1-12	5.9	38
116	Experimental and DFT studies on the selective adsorption of Pb 2+ and Zn 2+ from aqueous solution by nitrogen-functionalized multiwalled carbon nanotubes. <i>Separation and Purification Technology</i> , <b>2017</b> , 188, 174-187	8.3	37
115	Nitrogen-functionalised carbon nanotubes as a novel adsorbent for the removal of Cu(II) from aqueous solution. <i>RSC Advances</i> , <b>2016</b> , 6, 2731-2745	3.7	35
114	Concentrations and exposure risks of some metals in facial cosmetics in Nigeria. <i>Toxicology Reports</i> , <b>2016</b> , 3, 464-472	4.8	31
113	Ultraviolet radiation exposure of children and adolescents in Durban, South Africa. <i>Photochemistry and Photobiology</i> , <b>2003</b> , 77, 265-70	3.6	28
112	Determination and human exposure assessment of polybrominated diphenyl ethers and tetrabromobisphenol A in indoor dust in South Africa. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 7038-49	5.1	28
111	Safety evaluation of metal exposure from commonly used moisturizing and skin-lightening creams in Nigeria. <i>Regulatory Toxicology and Pharmacology</i> , <b>2015</b> , 71, 484-90	3.4	27
110	Polycyclic aromatic hydrocarbon concentrations in commercially available infant formulae in Nigeria: estimation of dietary intakes and risk assessment. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 72, 221-7.7	4.7	27

109	Characterization of metals in indoor dusts from electronic workshops, cybercafé and offices in southern Nigeria: Implications for on-site human exposure. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 159, 342-353	7	26
108	An assessment of polybrominated diphenyl ethers and polychlorinated biphenyls in the indoor dust of e-waste recycling facilities in South Africa: implications for occupational exposure. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 14078-86	5.1	26
107	Polybrominated diphenyl ethers and polychlorinated biphenyls in indoor dust in Durban, South Africa. <i>Indoor Air</i> , <b>2015</b> , 25, 547-56	5.4	25
106	Concentrations and health risk assessment of Polycyclic aromatic hydrocarbons in Soils of an urban environment in the Niger Delta, Nigeria. <i>Toxicology and Environmental Health Sciences</i> , <b>2016</b> , 8, 221-233	1.9	25
105	Polybrominated diphenyl ethers and polychlorinated biphenyls in indoor dust from electronic repair workshops in southern Nigeria: Implications for onsite human exposure. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 914-927	10.2	24
104	Concentrations and Health Risk of Polycyclic Aromatic Hydrocarbons in Some Brands of Biscuits in the Nigerian Market. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2015</b> , 21, 338-357	4.9	23
103	Ultraviolet protective performance of photoprotective lipsticks: change of spectral transmittance because of ultraviolet exposure. <i>Photodermatology Photoimmunology and Photomedicine</i> , <b>2005</b> , 21, 84-92	2.4	23
102	Pattern Formation Fueled by Dissipation of Chemical Energy: Conclusive Evidence for the Formation of a Convective Torus 1. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 482-489	2.8	22
101	THE EXISTENCE AND STABILITY OF MIXEDLIGAND COMPLEXES IN AQUEOUS SOLUTIONS CONTAINING ZINC AND CYANIDE IONS AT ELEVATED pH VALUES. <i>Journal of Coordination Chemistry</i> , <b>1988</b> , 16, 321-339	1.6	21
100	Distribution, sources and risk of exposure to polycyclic aromatic hydrocarbons in indoor dusts from electronic repair workshops in southern Nigeria. <i>Emerging Contaminants</i> , <b>2019</b> , 5, 23-30	5.8	20
99	Distribution, Sources and Health Risks of Polycyclic Aromatic Hydrocarbons (PAHs) in Household Dusts from Rural, Semi-urban and Urban Areas in the Niger Delta, Nigeria. <i>Exposure and Health</i> , <b>2019</b> , 11, 209-225	8.8	19
98	Concentrations and profiles of polycyclic aromatic hydrocarbons in some popular fish species in Nigeria. <i>Journal of Food Protection</i> , <b>2015</b> , 78, 554-60	2.5	18
97	Effects of Flooding on the Sources, Spatiotemporal Characteristics and Human Health Risks of Polycyclic Aromatic Hydrocarbons in Floodplain Soils of the Lower Parts of the River Niger, Nigeria. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 228-244	1.3	18
96	Concentrations, sources and human exposure implications of organophosphate esters in indoor dust from South Africa. <i>Chemosphere</i> , <b>2019</b> , 230, 239-247	8.4	17
95	Skin-lightening creams used in Durban, South Africa. <i>International Journal of Dermatology</i> , <b>2012</b> , 51 Suppl 1, 51-3, 56-9	1.7	17
94	Recent advances in graphene-based materials for dye-sensitized solar cell fabrication.. <i>RSC Advances</i> , <b>2020</b> , 10, 44453-44469	3.7	17
93	Concentrations, health risks and sources of polycyclic aromatic hydrocarbons in Nigerian honey. <i>Toxicology and Environmental Health Sciences</i> , <b>2016</b> , 8, 28-42	1.9	16
92	Spatio-temporal distribution of metals in household dust from rural, semi-urban and urban environments in the Niger Delta, Nigeria. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 14040-14059	5.1	15

91	Occurrence, Sources and Exposure Risk of Polycyclic Aromatic Hydrocarbons (PAHs) in Street Dusts from the Nigerian Megacity, Lagos. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 1-21	1.3	15
90	Polycyclic aromatic hydrocarbons in three commercially available fish species from the Bonny and Cross River estuaries in the Niger Delta, Nigeria. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 508	3.1	15
89	A critical review of the occurrence of perfluoroalkyl acids in aqueous environments and their removal by adsorption onto carbon nanotubes. <i>Reviews in Environmental Science and Biotechnology</i> , <b>2018</b> , 17, 603-635	13.9	15
88	Interplay between Electrostatic and Hydrophobic Interactions in the pH-Dependent Adsorption of Ibuprofen onto Acid-Functionalized Multiwalled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 22556-22568	3.8	15
87	Synthesis, characterization, antimicrobial screening and DNA binding of novel silver(I)rhienylterpyridine and silver(I)burylterpyridine complexes. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4554	3.1	15
86	Concentrations and risks of polychlorinated biphenyls (PCBs) in transformer oils and the environment of a power plant in the Niger Delta, Nigeria. <i>Toxicology Reports</i> , <b>2019</b> , 6, 933-939	4.8	14
85	Convective instabilities induced by an exothermic autocatalytic chemical reaction. <i>Physical Review E</i> , <b>1995</b> , 52, 1606-1613	2.4	14
84	Antioxidant Chemistry: Hypotaurine $\rightarrow$ aurine Oxidation by Chlorite <sup>1</sup> . <i>Journal of Physical Chemistry A</i> , <b>1998</b> , 102, 9838-9846	2.8	13
83	Formation of thermal plumes in an autocatalytic exothermic chemical reaction. <i>Physical Review E</i> , <b>1995</b> , 52, 6146-6153	2.4	13
82	Occurrence, sources and ecological and human health risks of polycyclic aromatic hydrocarbons in soils from some functional areas of the Nigerian megacity, Lagos. <i>Environmental Geochemistry and Health</i> , <b>2020</b> , 42, 2895-2923	4.7	12
81	Photoproducts formed by near-UV irradiation of thymine in the presence of p-aminobenzoic acid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1994</b> , 83, 223-228	4.7	12
80	Para-aminobenzoic acid-photosensitized dimerization of thymine II. In pUC19 plasmid DNA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1993</b> , 71, 147-153	4.7	12
79	A combined TD-DFT and spectroscopic investigation of the solute-solvent interactions of efavirenz. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 157, 204-210	4.4	11
78	Spatial characteristics and risk assessment of polychlorinated biphenyls in surficial sediments around crude oil production facilities in the Escravos River Basin, Niger Delta, Nigeria. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 159, 111462	6.7	11
77	Fabrication and characterisation of a Fe <sub>3</sub> O <sub>4</sub> /Raphia farinifera nanocomposite for application in heavy metal adsorption. <i>Environmental Technology and Innovation</i> , <b>2019</b> , 13, 11-29	7	11
76	Polycyclic Aromatic Hydrocarbon Profiles of Some Brands of Canned Fish in the Nigerian Market. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2015</b> , 21, 157-168	4.9	10
75	In depth analysis of the quenching of three fluorene-phenylene-based cationic conjugated polyelectrolytes by DNA and DNA bases. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 460-9	3.4	10
74	Oxyhalogen-sulfur chemistry: kinetics and mechanism of oxidation of captopril by acidified bromate and aqueous bromine. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 2704-17	2.8	10

73	Removal of Cd <sup>2+</sup> and Hg <sup>2+</sup> from aqueous solutions by adsorption onto nitrogen-functionalized carbon nanotubes. <i>Journal of Materials</i> , <b>2018</b> , 108, 253-267		10
72	Evaluation of human exposure to metals from some commonly used hair care products in Nigeria. <i>Toxicology Reports</i> , <b>2016</b> , 3, 796-803	4.8	10
71	Chemical fractionation and mobility of metals in floodplain soils of the lower reaches of the River Niger, Nigeria. <i>Transactions of the Royal Society of South Africa</i> , <b>2018</b> , 73, 90-109	1	9
70	Formation of Corrosive Sulfur with Dibenzyl Disulfide in Fluid-Filled Transformers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 2911-2920	3.9	9
69	Chemical analysis and in vitro UV-protection characteristics of clays traditionally used for sun protection in South Africa. <i>Photodermatology Photoimmunology and Photomedicine</i> , <b>2013</b> , 29, 164-9	2.4	9
68	The potential carcinogenic effect of Uvinul DS49, a common UV absorber used in cosmetics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1992</b> , 63, 241-248	4.7	9
67	The effect of synthesis method on the structure, and magnetic and photocatalytic properties of hematite (Fe <sub>2</sub> O <sub>3</sub> ) nanoparticles - research article. <i>South African Journal of Chemistry</i> , <b>2018</b> , 71, 68-78	1.8	9
66	Self-organization with traveling waves: A case for a convective torus. <i>Physical Review E</i> , <b>1997</b> , 55, 7299-7303	3.0	8
65	Para-aminobenzoic acid-photosensitized dimerization of thymine I. In DNA-related model systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1993</b> , 71, 137-146	4.7	8
64	Ecological and human health risks arising from exposure to metals in urban soils under different land use in Nigeria. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 12373-12390	5.1	7
63	Determination of Polycyclic Aromatic Hydrocarbons in Water- and Gin-Based Tea Infusions of Selected Tea Brands in Nigeria. <i>Polycyclic Aromatic Compounds</i> , <b>2016</b> , 36, 564-586	1.3	7
62	Kinetics and mechanistic investigation into the possible activation of imidazolium trans-[tetrachloridodimethylsulfoxideimidazoleruthenate(III)], NAMI-A, by 2-mercaptoethane sulfonate. <i>Dalton Transactions</i> , <b>2014</b> , 43, 12943-51	4.3	7
61	Polycyclic aromatic hydrocarbons (PAHs) in surficial sediments from selected rivers in the western Niger Delta of Nigeria: Spatial distribution, sources, and ecological and human health risks. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 167, 112351	6.7	7
60	Synthesis and effect of annealing temperature on the structural, magnetic and photocatalytic properties of (La <sub>0.5</sub> Bi <sub>0.2</sub> Ba <sub>0.2</sub> Mn <sub>0.1</sub> )FeO <sub>3</sub> . <i>Materials Chemistry and Physics</i> , <b>2016</b> , 178, 196-203	4.4	7
59	Risk assessment of human exposure to potentially toxic metals in indoor dust from some small and medium scale enterprise workplace environments in southern Nigeria. <i>Indoor and Built Environment</i> , <b>2020</b> , 29, 1137-1154	1.8	7
58	Organic solar cells: Current perspectives on graphene-based materials for electrodes, electron acceptors and interfacial layers. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 6518-6549	4.5	7
57	Concentrations and health risk assessment of metals in chewing gums, peppermints and sweets in Nigeria. <i>Journal of Food Measurement and Characterization</i> , <b>2015</b> , 9, 160-174	2.8	6
56	Unique antioxidant and sulfur corrosion retardant properties of transformer oil blended with turmerone extract. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , <b>2015</b> , 22, 2798-2808	2.3	6

55	Distribution, sources and ecological risks of metals in surficial sediments of the Forcados River and its Estuary, Niger Delta, Nigeria. <i>Environmental Earth Sciences</i> , <b>2018</b> , 77, 1	2.9	6
54	Aliphatic hydrocarbon profiles in sediments of the Forcados River, Niger Delta, Nigeria. <i>Environmental Forensics</i> , <b>2016</b> , 17, 144-155	1.6	6
53	Evaluation of human exposure to metals from some commonly used bathing soaps and shower gels in Nigeria. <i>Regulatory Toxicology and Pharmacology</i> , <b>2017</b> , 83, 38-45	3.4	6
52	A theoretical investigation of the effect of the hole and electron transport materials on the performance of a lead-free perovskite solar cell based on CH <sub>3</sub> NH <sub>3</sub> SnI <sub>3</sub> . <i>Journal of Computational Electronics</i> , <b>2021</b> , 20, 993-1005	1.8	6
51	Evaluation of Human Exposure to Polycyclic Aromatic Hydrocarbons from Some Edible Oils and Shea Butter in Nigeria. <i>Polycyclic Aromatic Compounds</i> , <b>2021</b> , 41, 109-123	1.3	6
50	Hydrothermal synthesis of reduced graphene oxide-anatase titania nanocomposites for dual application in organic solar cells. <i>International Journal of Energy Research</i> , <b>2021</b> , 45, 7293-7314	4.5	6
49	Distribution and Sources of n-Alkanes and Polycyclic Aromatic Hydrocarbons in Sediments Around Oil Production Facilities in the Escravos River Basin, Niger Delta, Nigeria. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2021</b> , 80, 474-489	3.2	6
48	Safety Evaluation of Metal Exposure From Commonly Used Hair Dyes and Tattoo Inks in Nigeria. <i>Journal of Environmental Health</i> , <b>2016</b> , 78, 26-30	0.4	6
47	The Photostabilizing Effect of Grape Seed Extract on Three Common Sunscreen Absorbers. <i>Photochemistry and Photobiology</i> , <b>2016</b> , 92, 870-884	3.6	5
46	Oxyhalogen-sulfur chemistry: kinetics and mechanism of oxidation of N-acetyl homocysteine thiolactone by acidified bromate and aqueous bromine. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 13059-13069	2.8	5
45	Carbon monoxide levels at a toll plaza near Durban, South Africa. <i>Environmental Chemistry Letters</i> , <b>2005</b> , 3, 91-94	13.3	5
44	A sensitive immunoassay technique for thymine dimer quantitation in UV-irradiated DNA. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1996</b> , 93, 185-192	4.7	5
43	Sunscreens: The Molecules and Their Photochemistry <b>1997</b> , 11-45		5
42	Effect of the number of frying cycles on the composition, concentrations and risk of polycyclic aromatic hydrocarbons (PAHs) in vegetable oils and fried fish. <i>Journal of Food Composition and Analysis</i> , <b>2020</b> , 94, 103633	4.1	5
41	Allergic contact dermatitis: a significant environmental and occupational skin disease. <i>International Journal of Dermatology</i> , <b>2021</b> , 60, 1082-1091	1.7	5
40	3-(3,4,5-Trimethoxybenzylidene)-2,4-pentanedione: Design of a novel photostabilizer with in vivo SPF boosting properties and its use in developing broad-spectrum sunscreen formulations. <i>International Journal of Cosmetic Science</i> , <b>2017</b> , 39, 25-35	2.7	4
39	Detailed mechanistic investigation into the S-nitrosation of cysteamine. <i>Canadian Journal of Chemistry</i> , <b>2012</b> , 9, 724-738	0.9	4
38	Redetermination of chlorido(2,2':6',2''-terpyridine- $\kappa$ ,N',N'')gold(I) dichloride trihydrate at 173 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m1240		4

37	The Quasi-Steady-State Approximation: Numerical Validation. <i>Journal of Chemical Education</i> , <b>1998</b> , 75, 1158	2.4	4
36	Spatial characteristics, sources, and ecological and human health risks of polychlorinated biphenyls in sediments from some river systems in the Niger Delta, Nigeria. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 160, 111605	6.7	4
35	Polycyclic Aromatic Hydrocarbons in Smoked <i>Ethmalosa fimbriata</i> and <i>Gymnarchus niloticus</i> from Selected Fish Markets in the Niger Delta, Nigeria. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 1367-1380	1.3	4
34	A comparative study between thermal etching and liquid exfoliation of bulk graphitic carbon nitride to nanosheets for the photocatalytic degradation of a model environmental pollutant, Rhodamine B. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 687-706	2.1	4
33	Trace metal concentrations in distilled alcoholic beverages and liquors in Nigeria. <i>Journal of the Institute of Brewing</i> , <b>2014</b> , 120, n/a-n/a	2	3
32	Oxyhalogen Sulfur Chemistry: Oxidation of a Thiourea Dimer, Formamidinium Disulfide, by Chlorine Dioxide. <i>Australian Journal of Chemistry</i> , <b>2013</b> , 66, 362	1.2	3
31	Ultraviolet Radiation Exposure of Children and Adolescents in Durban, South Africa. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 77, 265-270	3.6	3
30	Perovskite Solar Cells: Current Trends in Graphene-Based Materials for Transparent Conductive Electrodes, Active Layers, Charge Transport Layers, and Encapsulation Layers. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2100050	1.6	3
29	Risk of human exposure to metals in some household hygienic products in Nigeria. <i>Toxicology Reports</i> , <b>2019</b> , 6, 914-923	4.8	2
28	A Comparison of Solar Ultraviolet Radiation Exposure in Urban Canyons in Venice, Italy and Johannesburg, South Africa. <i>Photochemistry and Photobiology</i> , <b>2020</b> , 96, 1148-1153	3.6	2
27	Concentrations of polycyclic aromatic hydrocarbons in some commercial brands of candies and chocolates in Nigeria. <i>Quality Assurance and Safety of Crops and Foods</i> , <b>2015</b> , 7, 661-676	1.5	2
26	Advances in sample pretreatment and detection of PCBs in the environment. <i>Journal of Hazardous Materials Advances</i> , <b>2021</b> , 4, 100028		2
25	Optimization of Hole Transport Layer Materials for a Lead-Free Perovskite Solar Cell Based on Formamidinium Tin Iodide. <i>Energy Technology</i> , 2100859	3.5	2
24	Persistence and removal of trace organic compounds in centralized and decentralized wastewater treatment systems. <i>Chemosphere</i> , <b>2022</b> , 286, 131621	8.4	2
23	Alkylphenols and alkylphenol ethoxylates in dust from homes, offices and computer laboratories: Implication for personal exposure via inadvertent dust ingestion. <i>Emerging Contaminants</i> , <b>2017</b> , 3, 127-131	5.8	1
22	Experiences of a Female Chemist in South Africa. <i>ACS Symposium Series</i> , <b>2015</b> , 341-352	0.4	1
21	A RE-INVESTIGATION OF THE THERMODYNAMICS OF FORMATION OF COMPLEXES OF NICKEL(II) WITH 2,2'-OXYBIS(ETHANAMINE) AND 2-(2-AMINOETHYL) AMINOETHANOL. <i>Journal of Coordination Chemistry</i> , <b>1995</b> , 34, 365-381	1.6	1
20	A re-interpretation of the recorded electronic spectrum and crystal structure of bis[2-(2-aminoethyl)aminoethanol]nickel(II) nitrate using the ULFM and calculated Racah parameters. <i>Inorganica Chimica Acta</i> , <b>1987</b> , 132, 27-31	2.7	1

19	Recent Applications of Carbon Nanotubes in Organic Solar Cells.. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 733552	5	1
18	Occurrence and spatial characteristics of polychlorinated biphenyls (PCBs) in sediments from rivers in the western Niger delta of Nigeria impacted by urban and industrial activities. <i>Chemosphere</i> , <b>2021</b> , 291, 132671	8.4	1
17	Synthesis of Graphene Oxide Under Differing Conditions and its Characterization <b>2018</b> ,		1
16	Concentrations and ecological risks of metals in surface sediments of some coastal creeks in the Niger Delta, Nigeria. <i>African Journal of Aquatic Science</i> , <b>2018</b> , 43, 241-253	1.6	1
15	Impact of Land-Use Types on the Distribution and Exposure Risk of Polycyclic Aromatic Hydrocarbons in Dusts from Benin City, Nigeria. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2021</b> , 81, 210-226	3.2	1
14	A critical review on layered double hydroxides: Their synthesis and application in sunscreen formulations. <i>Applied Clay Science</i> , <b>2021</b> , 208, 106095	5.2	1
13	Synthesis and Characterization of Nanocomposites Containing Silver Nanoparticle Decorated Multiwalled Carbon Nanotubes for Water Disinfection. <i>Waste and Biomass Valorization</i> ,1	3.2	1
12	Concentrations, sources, and exposure risk of polychlorinated biphenyls in soil profiles of the floodplain of the lower reaches of the River Niger, Nigeria. <i>Environmental Monitoring and Assessment</i> , <b>2021</b> , 193, 579	3.1	1
11	Distribution, sources and exposure risk of polycyclic aromatic hydrocarbons in soils, and indoor and outdoor dust from Port Harcourt city, Nigeria. <i>Environmental Sciences: Processes and Impacts</i> , <b>2021</b> , 23, 1328-1350	4.3	0
10	A review of graphene derivative enhancers for perovskite solar cells. <i>Nanoscale Advances</i> ,	5.1	0
9	Graphitic carbon nitride-based new-generation solar cells: Critical challenges, recent breakthroughs and future prospects. <i>Solar Energy</i> , <b>2022</b> , 239, 74-87	6.8	0
8	3-Phenyl-1,5-di-2-pyridylpentane-1,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o153-o155		
7	Practical error analysis of the quasi-steady-state approximation. <i>Quaestiones Mathematicae</i> , <b>2000</b> , 23, 129-151	0.6	
6	An improved method to determine the Brix-free water capacity of sugarcane fibres. <i>Zuckerindustrie</i> , <b>2013</b> , 583-594	0.3	
5	Understanding the Role of pH in Protein-Haptenation Reaction: Kinetics and Mechanisms of the Protein-Haptenation Reactions of Selected Quinones Present in the Environment. <i>ChemistrySelect</i> , <b>2020</b> , 5, 14455-14469	1.8	
4	Concentrations and Risk of Polycyclic Aromatic Hydrocarbons (PAHs) in Oil and Tomato-Based Sauces from Selected Brands of Canned Fish Consumed in Nigeria. <i>Polycyclic Aromatic Compounds</i> ,1-14	1.3	
3	Singlet and Triplet State Properties and Singlet Oxygen Yield of an Amino-Acyl-Quinoxalinone Yellow Dye. <i>Journal of Fluorescence</i> , <b>2021</b> , 31, 1363-1369	2.4	
2	Concentrations, sources, and health risk assessment of metals in indoor dust collected from visual arts studios of selected tertiary institutions in Southern Nigeria. <i>Environmental Forensics</i> ,1-16	1.6	



- 1 Polycyclic aromatic hydrocarbons in giant African snails *Archachatina marginata* (Swainson, 1821) (Gastropoda: Pulmonata Achatinidae) from southern Nigeria. *Journal of Food Composition and Analysis*, **2022**, 111, 104592 4.1