

# Blessing A Aderibigbe

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,349  
citations

236925

25  
h-index

223800

46  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3165  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Alginate in Wound Dressings. <i>Pharmaceutics</i> , 2018, 10, 42.   | 4.5 | 478       |
| 2  | Metal-Based Nanoparticles for the Treatment of Infectious Diseases. <i>Molecules</i> , 2017, 22, 1370.  | 3.8 | 190       |
| 3  | Quinoline-Based Hybrid Compounds with Antimalarial Activity. <i>Molecules</i> , 2017, 22, 2268.   | 3.8 | 115       |
| 4  | Polymer-Based Wound Dressing Materials Loaded with Bioactive Agents: Potential Materials for the Treatment of Diabetic Wounds. <i>Polymers</i> , 2022, 14, 724.                                 | 4.5 | 85        |
| 5  | Ursolic Acid-Based Derivatives as Potential Anti-Cancer Agents: An Update. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5920.   | 4.1 | 84        |
| 6  | Gelatin-Based Hybrid Scaffolds: Promising Wound Dressings. <i>Polymers</i> , 2021, 13, 2959.  | 4.5 | 84        |
| 7  | In Situ-Based Gels for Nose to Brain Delivery for the Treatment of Neurological Diseases. <i>Pharmaceutics</i> , 2018, 10, 40.  | 4.5 | 77        |
| 8  | Isomerization and ring-closing metathesis for the synthesis of 6-, 7- and 8-membered benzo- and pyrido-fused N,N-, N,O- and N,S-heterocycles. <i>Tetrahedron Letters</i> , 2004, 45, 9171-9175. | 1.4 | 72        |
| 9  | Structure and properties of highly toughened biodegradable polylactide/ZnO biocomposite films. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 428-434.                   | 7.5 | 71        |
| 10 | Combination Therapy Strategies for the Treatment of Malaria. <i>Molecules</i> , 2019, 24, 3601.   | 3.8 | 69        |
| 11 | Polymer-Drug Conjugate, a Potential Therapeutic to Combat Breast and Lung Cancer. <i>Pharmaceutics</i> , 2020, 12, 406.   | 4.5 | 65        |
| 12 | Application of Dendrimers for the Treatment of Infectious Diseases. <i>Molecules</i> , 2018, 23, 2205.  | 3.8 | 63        |
| 13 | Antiviral Activities of Oleanolic Acid and Its Analogues. <i>Molecules</i> , 2018, 23, 2300.  | 3.8 | 56        |
| 14 | Design of Drug Delivery Systems Containing Artemisinin and Its Derivatives. <i>Molecules</i> , 2017, 22, 323.   | 3.8 | 50        |
| 15 | Kinetic release studies of nitrogen-containing bisphosphonate from gum acacia crosslinked hydrogels. <i>International Journal of Biological Macromolecules</i> , 2015, 73, 115-123.             | 7.5 | 46        |
| 16 | Design and Efficacy of Nanogels Formulations for Intranasal Administration. <i>Molecules</i> , 2018, 23, 1241.  | 3.8 | 46        |
| 17 | Hyaluronic Acid-Based Scaffolds as Potential Bioactive Wound Dressings. <i>Polymers</i> , 2021, 13, 2102.   | 4.5 | 40        |
| 18 | Polymeric Nanocarriers for the Delivery of Antimalarials. <i>Molecules</i> , 2018, 23, 2527.  | 3.8 | 39        |

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|----|--|-----|-----------|
| 19 | Alginate-gum acacia based sponges as potential wound dressings for exuding and bleeding wounds. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 350-359.  | 7.5 | 36        |
| 20 | Pentacyclic Triterpenoids with Nitrogen-Containing Heterocyclic Moiety, Privileged Hybrids in Anticancer Drug Discovery. <i>Molecules</i> , 2021, 26, 2401.  | 3.8 | 33        |
| 21 | Characterization and in vitro release kinetics of antimalarials from whey protein-based hydrogel biocomposites. <i>International Journal of Industrial Chemistry</i> , 2018, 9, 39-52.   | 3.1 | 32        |
| 22 | Design and Biological Evaluation of Delivery Systems Containing Bisphosphonates. <i>Pharmaceutics</i> , 2017, 9, 2.  | 4.5 | 31        |
| 23 | Polymer-Based Scaffolds Loaded with Aloe vera Extract for the Treatment of Wounds. <i>Pharmaceutics</i> , 2021, 13, 961.   | 4.5 | 29        |
| 24 | Controlled dual release study of curcumin and a 4-aminquinoline analog from gum acacia containing hydrogels. <i>Journal of Applied Polymer Science</i> , 2015, 132, .  | 2.6 | 28        |
| 25 | Alginate-pluronic topical gels loaded with thymol, norfloxacin and ZnO nanoparticles as potential wound dressings. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101960.  | 3.0 | 26        |
| 26 | Hybrid Molecules Development: A Versatile Landscape for the Control of Antifungal Drug Resistance: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 450-464.   | 2.4 | 22        |
| 27 | Application of an isomerization-ring-closing metathesis strategy to the synthesis of unsaturated seven-membered, benzo-fused heterocycles containing two heteroatoms. <i>Tetrahedron</i> , 2011, 67, 2991-2997.                                  | 1.9 | 21        |
| 28 | Preparation, characterization and in vitro release kinetics of polyaspartamide-based conjugates containing antimalarial and anticancer agents for combination therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 36, 34-45. | 3.0 | 21        |
| 29 | Polymer-drug conjugates containing antimalarial drugs and antibiotics. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101171.  | 3.0 | 20        |
| 30 | Bisphosphonate-Based Conjugates and Derivatives as Potential Therapeutic Agents in Osteoporosis, Bone Cancer and Metastatic Bone Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6869.                                    | 4.1 | 19        |
| 31 | Dual release kinetics of antimalarials from soy protein isolate-carbopol-polyacrylamide based hydrogels. <i>Journal of Applied Polymer Science</i> , 2016, 133, .  | 2.6 | 17        |
| 32 | Polyethylene glycol-gum acacia-based multidrug delivery system for controlled delivery of anticancer drugs. <i>Polymer Bulletin</i> , 2019, 76, 5011-5037.   | 3.3 | 17        |
| 33 | Synthesis, characterization, and antiplasmodial activity of polymer-incorporated aminoquinolines. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1941-1949.   | 4.0 | 14        |
| 34 | Synthesis, characterization and in vitro cytotoxicity evaluation of polyamidoamine conjugate containing pamidronate and platinum drug. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 267-273.                               | 3.0 | 14        |
| 35 | Polymeric Conjugates of Selected Aminoquinoline Derivatives as Potential Drug Adjuvants in Cancer Chemotherapy. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 336-345.                                       | 3.7 | 13        |
| 36 | A ring-closing metathesis approach to eight-membered benzannelated scaffolds and subsequent internal alkene isomerizations. <i>Tetrahedron</i> , 2013, 69, 2038-2047.  | 1.9 | 13        |

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|----|--|-----|-----------|
| 37 | Biomedical applications of polyolefins. , 2017, , 517-538.   |     | 13        |
| 38 | Development, characterization, and <i>in vitro</i> evaluation of water soluble poloxamer/pluronic-gum acacia-based wound dressing. Journal of Applied Polymer Science, 2020, 137, 48728.                               | 2.6 | 13        |
| 39 | Macromolecular Co-Conjugates of Methotrexate and Ferrocene in the Chemotherapy of Cancer. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 423-428.   | 3.7 | 12        |
| 40 | Targeted drug delivery potential of hydrogel biocomposites containing partially and thermally reduced graphene oxide and natural polymers prepared via green process. Colloid and Polymer Science, 2015, 293, 409-420. | 2.1 | 12        |
| 41 | Synthesis, characterization and <i>in vitro</i> analysis of polymer-based conjugates containing dihydrofolate reductase inhibitors. Journal of Drug Delivery Science and Technology, 2019, 50, 388-401.                | 3.0 | 12        |
| 42 | Artemisinin and Derivatives-Based Hybrid Compounds: Promising Therapeutics for the Treatment of Cancer and Malaria. Molecules, 2021, 26, 7521.   | 3.8 | 12        |
| 43 | Synthesis and characterization of polyamidoamine conjugates of neridronic acid. Polymer Bulletin, 2015, 72, 417-439.   | 3.3 | 10        |
| 44 | Polymeric Prodrugs Containing Metal-Based Anticancer Drugs. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 339-353.   | 3.7 | 9         |
| 45 | Polymeric therapeutic delivery systems for the treatment of infectious diseases. Therapeutic Delivery, 2017, 8, 557-576.   | 2.2 | 9         |
| 46 | Polymer Therapeutics: Design, Application, and Pharmacokinetics. , 2017, , 33-48.  |     | 9         |
| 47 | Observations concerning the synthesis of heteroatom-containing 9-membered benzo-fused rings by ring-closing metathesis. Tetrahedron, 2017, 73, 4671-4683.  | 1.9 | 8         |
| 48 | Macromolecular Conjugates of 4- and 8-Aminoquinoline Compounds. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 429-438.   | 3.7 | 7         |
| 49 | Evaluation of whey protein isolate-graft-carbopol-polyacrylamide pH-sensitive composites for controlled release of pamidronate. Polymer Bulletin, 2017, 74, 5129-5144.   | 3.3 | 7         |
| 50 | Synthesis, Characterization and Kinetic Release Profile of Iron Containing Polymeric Co-conjugates with Antiproliferative Activity. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 302-314. | 3.7 | 6         |
| 51 | Polyamidoamine-Drug Conjugates Containing Metal-Based Anticancer Compounds. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1503-1518.   | 3.7 | 6         |
| 52 | Nanostructured Polymer Blends for Gas/Vapor Barrier and Dielectric Applications. , 2016, , 239-259.  |     | 5         |
| 53 | Efficacy of Polymer-Based Nanomedicine for the Treatment of Brain Cancer. Pharmaceutics, 2022, 14, 1048.   | 4.5 | 5         |
| 54 | Synthesis, Characterization, Kinetic Release Study and Evaluation of Hydrazone Linker in Ferrocene Conjugates at Different pH Values. Journal of Drug Delivery Science and Technology, 2013, 23, 537-545.              | 3.0 | 4         |

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|----|--|-----|-----------|
| 55 | Synthesis, Antibacterial, and Cytotoxicity Evaluation of Oleanolic Acid-4-aminoquinoline Based Hybrid Compounds. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2021, 16, 122-136. | 0.8 | 4         |
| 56 | Novel ferrocenylbisphosphonate hybrid compounds: Synthesis, characterization and potent activity against cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 58, 116652.    | 3.0 | 4         |
| 57 | Polymeric Co-Conjugates of Curcumin. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 886-891.  | 3.7 | 3         |
| 58 | Hybrid Compounds Containing a Ferrocene Scaffold as Potential Antimalarials. <i>ChemistrySelect</i> , 2021, 6, 1756-1763.  | 1.5 | 3         |
| 59 | 4-Aminosalicylic Acid-based Hybrid Compounds: Synthesis and In vitro Antiplasmodial Evaluation. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 284-298.                             | 0.7 | 3         |
| 60 | 4-Aminoquinoline-ferrocene Hybrids as Potential Antimalarials. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2020, 15, 157-172.   | 0.8 | 3         |
| 61 | Synthesis, characterization and the release kinetics of antiproliferative agents from polyamidoamine conjugates. <i>Journal of Microencapsulation</i> , 2015, 32, 432-42.                    | 2.8 | 3         |
| 62 | Nanobiomaterials Architected for Improved Delivery of Antimalaria Drugs. , 2016, , 169-200.  |     | 2         |
| 63 | Immiscible Polymer Blends Stabilized with Nanophase. , 2016, , 215-237.  |     | 2         |
| 64 | Gum acacia polysaccharide-based pH sensitive gels for targeted delivery of neridronate. <i>Polymer Bulletin</i> , 2017, 74, 2641-2655.   | 3.3 | 2         |
| 65 | Cytotoxicity and in vitro evaluation of whey protein-based hydrogels for diabetes mellitus treatment. <i>International Journal of Industrial Chemistry</i> , 2019, 10, 213-223.              | 3.1 | 2         |
| 66 | Design of Oleanolic Acid-based Hybrid Compounds as Potential Pharmaceutical Scaffolds. <i>Letters in Drug Design and Discovery</i> , 2022, 19, 10-19.  | 0.7 | 1         |
| 67 | Hybrid Compounds Containing Carvacrol Scaffold: <i>In Vitro</i> Antibacterial and Cytotoxicity Evaluation. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2022, 17, 54-68.         | 0.8 | 1         |
| 68 | 1,5-Anhydro-3,6-di-O-benzyl-2-deoxy-1,2-C-dichloromethylene-D-glycero-D-gulo-hexitol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2888-o2888.             | 0.2 | 0         |
| 69 | Therapeutic Efficacy of Antibiotics in the Treatment of Chronic Diseases. , 2020, , 11-32.   |     | 0         |
| 70 | Nanoformulations of old and new antimalarial drugs. , 2021, , 191-216.   |     | 0         |
| 71 | Cholesterol-Based Conjugates: Synthesis, Characterization and In Vitro Biological Studies. <i>ChemistrySelect</i> , 2021, 6, 11985-11993.  | 1.5 | 0         |