

# RESEARCHER PROFILE AND LIST OF PUBLICATIONS

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| <b>Title:</b>                      | Prof  |
| <b>Name and Surname:</b>           | <b>Adebola Omowunmi Oyedele</b>   |
| <b>Picture:</b>                    |  A portrait photograph of Adebola Omowunmi Oyedele. She is a Black woman with short, curly hair, wearing glasses and a white patterned blazer over a dark top. She is smiling at the camera. |
| <b>Position:</b>                   | Professor   |
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| <b>Expertise:</b>                  | Organic chemistry-Natural Product Chemist   |
| <b>My website / social media:</b>  |   |

# RESEARCHER PROFILE AND LIST OF PUBLICATIONS



| List of your publications: | 1. Oyedeqi OA, Ekundayo O, Mekem Sonwa M, Fricke C, Koenig WA (1998): Isolation and structural elucidation of (-)-Eudesma-1,4(15),11-triene from the essential oil of <i>Callitris intratropica</i> . <i>Phytochemistry</i> , <b>48</b> , 657-660.   |
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|                            | 2. Oyedeqi OA, Ekundayo O, Koenig WA (1999): Constituents of the essential oil from the leaves of <i>Leonotis nepetafolia</i> . <i>Journal Essential Oil Research</i> , <b>11</b> , 716-718.   |
|                            | 3. Oyedeqi OA, Olawore ON, Ekundayo O, Koenig WA (1999): Volatile leaf oil constituents of three <i>Eucalyptus</i> species from Nigeria. <i>Flavour and Fragrance Journal</i> , <b>14</b> , 241-244. <a href="https://doi.org/10.1002/(SICI)1099-1026(199907/08)14:4&lt;241::AID-FFJ820&gt;3.0.CO;2-Y">https://doi.org/10.1002/(SICI)1099-1026(199907/08)14:4&lt;241::AID-FFJ820&gt;3.0.CO;2-Y</a> |
|                            | 4. Oyedeqi OA, Ekundayo O, Olawore ON, Adeniyi BA, Koenig WA (1999): Antimicrobial activity of the essential oils of five <i>Eucalyptus</i> species growing in Nigeria. <i>Fitoterapia</i> , <b>70</b> , 526-528.  |
|                            | 5. Oyedeqi OA, Ekundayo O, Olawore ON, Koenig WA (2000): Essential oil composition of two varieties of <i>Eucalyptus camaldulensis</i> from Nigeria. <i>Journal Essential Oil Research</i> , <b>12</b> , 102-104.  |
|                            | 6. Kasali AA, Oyedeqi OA, Ashilokun OA (2001): Volatile leaf oil constituents of <i>Cymbopogon citratus</i> (DC) Stapf. <i>Flavour and Fragrance Journal</i> , <b>16</b> , 377-378.  |
|                            | 7. Oyedeqi OA, Ekundayo O, Koenig WA (2002): Volatile constituents of <i>Clerodendron captatum</i> L. leaves. <i>Journal of Essential Oil Bearing Plants</i> , <b>5</b> (1), 8-13.   |
|                            | 8. Oyedeqi OA, Ekundayo O, Koenig WA (2002): Essential oil Composition of <i>Lawsonia inermis</i> L. from Nigeria. <i>Flavour and Fragrance Journal</i> , <b>18</b> , 384-386. <a href="https://doi.org/10.1080/10412905.2005.9698943">https://doi.org/10.1080/10412905.2005.9698943</a>   |

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|  | <p>mouth infections in South-West Nigeria. <i>Phytotherapeutics of the Series Recent Progress in Medicinal Plants</i>, <b>10</b>, 163-168.</p> <p>17. <b>Oyedeleji OA</b>, Afolayan AJ (2005): Comparative study of the essential oil composition and antimicrobial activity of <i>Leonotis leonurus</i> and <i>L. ocymifolia</i> in the Eastern Cape, South Africa. <i>South African Journal of Botany</i>, <b>71</b>, 114-116.</p> <p>18. <b>Oyedeleji OA</b>, Ekundayo O, Koenig WA (2005): Leaf essential oil of <i>Lawsonia inermis</i> (syn. <i>L. alba</i>) Linn. <i>Journal of Essential Oil Research</i>, <b>17</b>, 403-404.</p> <p>19. <b>Oyedeleji OA</b>, Ajayi A, Adeniyi B, Koenig WA (2005): Essential oil composition of <i>Piper guineense</i> and its antimicrobial activity. A new chemotype from Nigeria. <i>Phytotherapy Research</i>, <b>19</b>, 362-364.</p> <p>20. Yani VV, <b>Oyedeleji OA</b>, Grierson D, Afolayan AJ (2005): Chemical analysis and antimicrobial activity of essential oil extracted from <i>Helichrysum aureonitens</i>. <i>South African Journal of Botany</i>, <b>71</b>, 239-241.</p> <p>21. <b>Oyedeleji OA</b>, Afolayan AJ (2005): Chemical composition and antibacterial activity of the essential oil of <i>Centella asiatica</i> growing in South Africa. <i>Journal of Pharmaceutical Biology</i>, <b>43</b>, 249-252.</p> <p>22. <b>Oyedeleji OA</b>, Afolayan AJ (2006): Chemical composition and antibacterial activity of the essential oil isolated from South African <i>Mentha longifolia</i> (L.) L. subsp. <i>capensis</i> (Thunb.) Briq. <i>Journal of Essential Oil Research</i>, <b>18</b>, 57-59.</p> <p>23. Oke OA, Afolayan AJ, <b>Oyedeleji OA</b> (2006): Authentication of antimicrobial properties of two plants commonly used against gastrointestinal infection. <i>Nigerian Journal of Botany</i>.</p> |
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# RESEARCHER PROFILE AND LIST OF PUBLICATIONS



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|  | <p>24. Moronkola DO, <b>Oyedeki OA</b>, Ekundayo O and Ogunbinu OA (2006): Composition of the root essential oil of <i>Chrysophyllum albidum</i> G.Don. <i>Bowen J. of Agric.</i>, <b>3</b>, 53-58.</p> <p>25. Asekun OT, Ekundayo O and <b>Oyedeki AO</b> (2007): The volatile constituents of the leaves and flowers of <i>Kigelia african</i> Benth. <i>Flavour and Fragrance J.</i>, <b>22</b>, 21-23.</p> <p>26. <b>Oyedeki OA</b>, Lawal OA, Adeniyi BA, Alaka SA and Tetede E (2008): Essential Oil Composition of Three <i>Zanthoxylum</i> Species. <i>Journal of Essential Oil Research</i>, <b>20</b>, 69-70.</p> <p>27. Mdlolo CM, Shandu JS and <b>Oyedeki OA</b> (2008): Phytochemical constituents and Antimicrobial Studies of Two South African <i>Phyllanthus</i> Species. <i>African Journal of Biotechnology</i>, <b>7</b>, 639-643.</p> <p>28. Odeleye MO and <b>Oyedeki OA</b> (2008): Antimicrobial activities of crude and fractions of <i>Momordica foetida</i> leave extract. <i>International Journal of Biomedical and Pharmaceutical Science</i>, <b>2</b>, 75-78.</p> <p>29. Oyedeki OO, Lawal OA, Shode FO and <b>Oyedeki OA</b> (2009) Chemical Composition and antibacterial activity of the essential Oils of <i>Callistemon citrinus</i> and <i>Callistemon viminalis</i> from South Africa. <i>Molecules</i>, <b>14</b>, 1990-1998.</p> <p>30. Lawal OA and <b>Oyedeki OA</b> (2009) Chemical composition of the essential oils of the flowers, leaves and stems of two <i>Senecio polyanthemoides</i> Sch. Bip. from South Africa. <i>Molecules</i>, <b>14</b>, 2077-2086.</p> <p>31. <b>Oyedeki OA</b>, Afolayan JA, and Hutchings A (2009) Compositional Variation of the Essential Oils of <i>Artemisia afra</i> Jacq. from three Provinces in South Africa - A Case Study of its Safety. <i>Natural Product Communications</i>, <b>4</b>, 749-888</p> |
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|  | <p>35. <b>Oyedeqi OA</b>, Mdlolo CM, Adeniyi BA and Akinde T (2010) 1,8-Cineole Chemotype of the Essential Oils of <i>Kyllinga erecta</i> Schum &amp; Thonn and its Antimicrobial Activities. <i>Journal of Essential Oil Research</i>, <b>22</b>, 189-192.</p>   |
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# RESEARCHER PROFILE AND LIST OF PUBLICATIONS



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|  | <p>40. McEwan R, Madivha RP, Djarova T, <b>Oyedeqi OA</b>, Opoku, AR (2010) Alpha-amalyase inhibitors of amadumbe (<i>Colocasia esculenta</i>): Isolation, purification and selectivity towards a-amylases from various sources. <i>African Journal of Biochemistry Research</i>, <b>4</b>, 220-224.</p> <p>41. Mosa RA, Lazarus GG, Gwala PE, <b>Oyedeqi AO</b>, Opoku AR (2011) In Vitro anti-platelet aggregation, antioxidant and cytotoxic activity of extract of some Zulu medicinal Plants. <i>Journal of Natural Product</i>, <b>4</b>, 136-146</p> <p>42. Peebles J, Gwebu E, Oyedeqi O, Setzer W, Nanyonga S, Kunene N, <b>Oyedeqi A</b> (2011) Essential Oil Composition of <i>Thelechitonia trilobata</i> (L.) H. Rob. &amp; Cuatrec Growing in South Africa and its Biological Potential. <i>Natural Product Communication</i>, <b>6</b>, 1799-1968.</p> <p>43. Mosa RA, <b>Oyedeqi AO</b>, Shode FO, Singh M, Opoku AR (2011) Triterpenes from isolated from the stem bark of <i>Protorhus longifolia</i> exhibit anti-platelet aggregation activity. <i>Pharmaceutical Biology</i>, <b>24</b>, 2698-2714.</p> <p>44. Olukayode MO, <b>Oyedeqi AO</b>, Opoku AR (2011) Anitmicrobial Activity of <i>Berkheya bergiana</i> leaves extracts. <i>African Journal of Biotechnology</i> <b>10</b> (24), 4941-4946.</p> <p>45. Nanyonga SK, Opoku A, Lewu FB, <b>Oyedeqi AO</b> (2012) Chemical composition and larvicidal activity of the essential oil of <i>Tarchonanthus camphoratus</i> against <i>Anopheles arabiensis</i> mosquito larvae. <i>Journal of Essential Oil Bearing Plants</i>, <b>15</b>, 288-289.</p> <p>46. Lawal OA, Adeleke AK, Opoku AR, <b>Oyedeqi AO</b> (2012) Volatile constituents of the flowers, leaves, stems and roots <i>Tithonia</i></p> |
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# RESEARCHER PROFILE AND LIST OF PUBLICATIONS



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|  | <p>53. Soyingbe OS, <b>Oyedeqi AO</b>, Basson AK, Singh M, Opoku AR, (2013) Chemical composition, antimicrobial and antioxidant properties of the essential oils of <i>Tulbaghia violacea</i> Harv L.F. <i>African Journal of Microbiology Research</i>, <b>7</b>, 1787-1793.</p> <p>54. Nanyonga SK, Opoku AR, Lewu FB, Oyedeqi OO, <b>Oyedeqi AO</b> (2013). Phytochemical Constituents, Antioxidant Activity and Cytotoxicity of Various Extracts of the Dried Leaf and Bark of <i>Tarchonanthus camphoratus</i>. <i>Tropical Journal of Pharmaceutical Research</i>, <b>12</b>(3), 377-383.</p> <p>55. Oyedeqi OO, Shode FO, <b>Oyedeqi OA</b> (2014) Compositional variations of the Essential Oils of three <i>Melaleuca</i> Species from South Africa. <i>Journal of Essential Oil Bearing Plant</i>, <b>17</b>(2), 265-276.</p> <p>56. Oyedeqi OO, Shode FO, <b>Oyedeqi AO</b>, Songca SP, Gwebu ET, Hill GM, Setzer WN. (2014) Semi-synthesis of Nitrogen Derivatives of Oleanolic Acid and Effect on Breast Carcinoma MCF-7 Cells. <i>Anticancer Research</i>, <b>34</b>(8):4135-9.</p> <p>57. Morobe, IC, Obi, CL, <b>Oyedeqi, AO</b>, Vasaikar, SD, Wale BK, (2014). The genetic landscape of isolates of <i>H. influenzae</i> and <i>S. pneumoniae</i> from Mthatha in the Eastern Cape Province, South Africa. <i>Journal of Microbiology</i>, <b>3</b>(4): 59-77.</p> <p>58. Lawal OA, Ogunwande IA, Opoku AR, Kasali AA, <b>Oyedeqi AO</b> (2014) Chemical Composition and Antibacterial Activities of Essential Oil of <i>Warburgia salutaris</i> (Bertol. f.) Chiov. from South Africa. <i>Journal of Biologically Active Products from Nature</i>, <b>4</b>(4), 272-277, DOI: 10.1080/22311866.2014.936908</p> <p>59. Oyemitan IA, Kolawole F and <b>Oyedeqi AO</b> (2014) Acute toxicity, antinociceptive and anti-inflammatory activity of the essential oil of fresh fruits of <i>Piper guineense</i> Schum &amp;Thonn</p> |
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# RESEARCHER PROFILE AND LIST OF PUBLICATIONS



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# RESEARCHER PROFILE AND LIST OF PUBLICATIONS



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