

# Fyaz M D Ismail

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,506  
citations

430874

18  
h-index

315739

38  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2148  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Important fluorinated drugs in experimental and clinical use. <i>Journal of Fluorine Chemistry</i> , 2002, 118, 27-33.   | 1.7  | 369       |
| 2  | Aziridine alkaloids as potential therapeutic agents. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3373-3387.   | 5.5  | 201       |
| 3  | Seasonal variation in the composition of volatile oils from <i>Schinus terebinthifolius raddi</i> . <i>Quimica Nova</i> , 2007, 30, 1959-1965.   | 0.3  | 106       |
| 4  | An inhibitor of the sodium pump obtained from human placenta. <i>Lancet, The</i> , 1996, 348, 303-305.   | 13.7 | 93        |
| 5  | Mapping Antimalarial Pharmacophores as a Useful Tool for the Rapid Discovery of Drugs Effective in Vivo: A Design, Construction, Characterization, and Pharmacology of Metaquine. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5423-5436. | 6.4  | 57        |
| 6  | Comparative study of the essential oils of seven <i>Melaleuca</i> (Myrtaceae) species grown in Brazil. <i>Flavour and Fragrance Journal</i> , 2007, 22, 474-478.   | 2.6  | 51        |
| 7  | The diverse pharmacology and medicinal chemistry of phosphoramidates – a review. <i>RSC Advances</i> , 2014, 4, 18998-19012.   | 3.6  | 48        |
| 8  | Exposure to Anacardiaceae Volatile Oils and Their Constituents Induces Lipid Peroxidation within Food-Borne Bacteria Cells. <i>Molecules</i> , 2012, 17, 9728-9740.  | 3.8  | 46        |
| 9  | Anti-MRSA activity of oxysporone and xylitol from the endophytic fungus <i>Pestalotia</i> sp. growing on the Sundarbans mangrove plant <i>Heritiera fomes</i> . <i>Phytotherapy Research</i> , 2018, 32, 348-354.                              | 5.8  | 32        |
| 10 | Cytotoxicity of the Roots of <i>Trillium govanianum</i> Against Breast (MCF7), Liver (HepG2), Lung (A549) and Urinary Bladder (EJ138) Carcinoma Cells. <i>Phytotherapy Research</i> , 2016, 30, 1716-1720.                                     | 5.8  | 31        |
| 11 | Novel Aryl-bis-quinolines with Antimalarial Activity In-vivo. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 483-492.   | 2.4  | 30        |
| 12 | Essential oils from pequi fruits from the Brazilian Cerrado ecosystem. <i>Food Research International</i> , 2013, 54, 1-8.   | 6.2  | 29        |
| 13 | Versatile synthesis of benzopyrans via ortho-Claisen rearrangement of allyl ethers. <i>Tetrahedron Letters</i> , 1992, 33, 3795-3796.  | 1.4  | 27        |
| 14 | Acridone alkaloids from the stem bark of <i>Citrus aurantium</i> display selective cytotoxicity against breast, liver, lung and prostate human carcinoma cells. <i>Journal of Ethnopharmacology</i> , 2018, 227, 131-138.                      | 4.1  | 25        |
| 15 | An Exploration of the Structure-activity Relationships of 4-Aminoquinolines: Novel Antimalarials with Activity In-vivo. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 841-850.   | 2.4  | 22        |
| 16 | Reactions of Artemisinin and Arteether with Acid: Implications for Stability and Mode of Antimalarial Action. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6065-6073.   | 6.4  | 21        |
| 17 | Naturally Occurring Calanolides: Occurrence, Biosynthesis, and Pharmacological Properties Including Therapeutic Potential. <i>Molecules</i> , 2020, 25, 4983.  | 3.8  | 21        |
| 18 | Resveratrol derivatives from <i>Commiphora africana</i> (A. Rich.) Endl. display cytotoxicity and selectivity against several human cancer cell lines. <i>Phytotherapy Research</i> , 2019, 33, 159-166.                                       | 5.8  | 20        |

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|----|---|-----|-----------|
| 19 | <sup>1</sup> <sup>1</sup> NMR and GC for detection of adulteration in commercial essential oils of <i>Cymbopogon</i> ssp. <i>Phytochemical Analysis</i> , 2020, 31, 88-97.  | 2.4 | 20        |
| 20 | Antimicrobial activity of kojic acid from endophytic fungus <i>Colletotrichum gloeosporioides</i> isolated from <i>Sonneratia apetala</i> , a mangrove plant of the Sundarbans. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 350.                                  | 0.8 | 20        |
| 21 | A DFT study of free radicals formed from artemisinin and related compounds. <i>Computational and Theoretical Chemistry</i> , 2004, 711, 95-105.   | 1.5 | 19        |
| 22 | Synthesis and Biological Evaluation of New Ozonides with Improved Plant Growth Regulatory Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10107-10115.  | 5.2 | 19        |
| 23 | Mechanism of formation of benzothiazole-2-thiol. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 1-9.  | 1.9 | 18        |
| 24 | Zanthoamides G-I: Three new alkamides from <i>Zanthoxylum zanthoxyloides</i> . <i>Phytochemistry Letters</i> , 2018, 26, 125-129.   | 1.2 | 17        |
| 25 | Antimalarial drugs based on artemisinin: DFT calculations on the principal reactions. <i>Computational and Theoretical Chemistry</i> , 2005, 756, 87-95.  | 1.5 | 16        |
| 26 | Synthesis and structural characterization of two nostoclide analogues. <i>Journal of Molecular Structure</i> , 2007, 837, 197-205.  | 3.6 | 15        |
| 27 | Ent-Clerodane Diterpenes from the Bark of <i>Croton oligandrus</i> Pierre ex Hutch. and Assessment of Their Cytotoxicity against Human Cancer Cell Lines. <i>Molecules</i> , 2018, 23, 410.   | 3.8 | 15        |
| 28 | Bioassay-guided isolation and structure elucidation of cytotoxic stilbenes and flavonols from the leaves of <i>Macaranga barteri</i> . <i>FÄ-toterapÄ-Äç</i> , 2019, 134, 151-157.  | 2.2 | 15        |
| 29 | The effects of arm cranking exercise and training on platelet aggregation in male spinal cord individuals. <i>Thrombosis Research</i> , 2004, 113, 129-136.   | 1.7 | 12        |
| 30 | Modulation of Antimalarial Activity at a Putative Bisquinoline Receptor In Vivo Using Fluorinated Bisquinolines. <i>Chemistry - A European Journal</i> , 2017, 23, 6811-6828.   | 3.3 | 11        |
| 31 | Growth inhibitory activity of biflavonoids and diterpenoids from the leaves of the Libyan <i>Juniperus phoenicea</i> against human cancer cells. <i>Phytotherapy Research</i> , 2019, 33, 2075-2082.  | 5.8 | 9         |
| 32 | Cytotoxicity of Libyan <i>Juniperus phoenicea</i> against Human Cancer Cell Lines A549, EJ138, Hepg2 and MCF7. <i>Pharmaceutical Sciences</i> , 2018, 24, 3-7.  | 0.2 | 9         |
| 33 | Intramolecular reactions of free radicals formed from artemisinin. <i>International Journal of Chemical Kinetics</i> , 2005, 37, 554-565.   | 1.6 | 8         |
| 34 | De novo identification and stability of the artemisinin pharmacophore: Studies of the reductive decomposition of deoxyartemisinins and deoxyarteethers and the implications for the mode of antimalarial action. <i>Computational and Theoretical Chemistry</i> , 2007, 823, 34-46. | 1.5 | 8         |
| 35 | Application of INADEQUATE NMR techniques for directly tracing out the carbon skeleton of a natural product. <i>Phytochemical Analysis</i> , 2021, 32, 7-23.   | 2.4 | 8         |
| 36 | Synthesis, Structural Determination, and Pharmacology of Putative Dinitroaniline Antimalarials. <i>ChemistrySelect</i> , 2018, 3, 7572-7580.  | 1.5 | 6         |

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|----|--|-----|-----------|
| 37 | Justicalosides A and B, two new flavone glycosides from the leaves of <i>Ruspolia hypocrateriformis</i> (Vahl) Milne-Redh. (Acanthaceae). <i>Phytochemistry Letters</i> , 2019, 31, 101-103.   | 1.2 | 4         |
| 38 | Four new <i>neo</i> -clerodane diterpenes from the stem bark of <i>Croton oligandrus</i> . <i>Natural Product Research</i> , 2021, 35, 298-304.  | 1.8 | 4         |
| 39 | Synthesis and Analytical Characterization of Purpurogallin: A Pharmacologically Active Constituent of Oak Galls. <i>Journal of Chemical Education</i> , 2022, 99, 983-993.   | 2.3 | 4         |
| 40 | A pulse radiolysis study of free radicals formed by one-electron oxidation of the antimalarial drug pyronaridine. <i>Research on Chemical Intermediates</i> , 2009, 35, 363-377.   | 2.7 | 3         |
| 41 | High-Throughput Screening of Phytochemicals: Application of Computational Methods. , 2018, , 165-192.  |     | 3         |
| 42 | Electron Impact Induced Elimination of HNO <sub>2</sub> from Trifluralin-Phenylenediamine Dimers – anortho-Effect Resulting from a π-π Interaction Persisting into the Vapour Phase. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 201-205. | 1.5 | 2         |
| 43 | Prediction of Structure Based on Spectral Data Using Computational Techniques. , 2018, , 193-229.  |     | 2         |
| 44 | Phenolic compounds from the leaves and stem bark of <i>Pseudospondias microcarpa</i> (A. Rich.) Engl. (Anacardiaceae). <i>Biochemical Systematics and Ecology</i> , 2020, 91, 104078.  | 1.3 | 2         |
| 45 | Liquid Chromatography Mass Spectrometry Analysis and Cytotoxicity of Roots against Human Cancer Cell Lines. <i>Pharmacognosy Magazine</i> , 2018, 13, S890-S894.   | 0.6 | 2         |
| 46 | One-pot synthesis and negative ion mass spectrometric investigation of a densely functionalized cinnoline. <i>Tetrahedron Letters</i> , 2015, 56, 6980-6983.   | 1.4 | 1         |
| 47 | Rational Design Strategies for the Development of Synthetic Quinoline and Acridine Based Antimalarials. , 2012, , 559-609.   |     | 1         |
| 48 | Important Fluorinated Drugs in Experimental and Clinical Use. <i>ChemInform</i> , 2003, 34, no.  | 0.0 | 0         |