

# Minh Quan Pham

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                   |                       |                |                 |
|-------------------|-----------------------|----------------|-----------------|
| 73<br>papers      | 564<br>citations      | 12<br>h-index  | 20<br>g-index   |
| 95<br>ext. papers | 868<br>ext. citations | 1.9<br>avg, IF | 4.45<br>L-index |

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 73 | Improving ligand-ranking of AutoDock Vina by changing the empirical parameters. <i>Journal of Computational Chemistry</i> , <b>2022</b> , 43, 160-169  | 3.5 | 6         |
| 72 | Umbrella Sampling-Based Method to Compute Ligand-Binding Affinity. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2385, 313-323   | 1.4 | 0         |
| 71 | Searching for AChE inhibitors from natural compounds by using machine learning and atomistic simulations. <i>Journal of Molecular Graphics and Modelling</i> , <b>2022</b> , 115, 108230   | 2.8 | 0         |
| 70 | Antiproliferative and antiinflammatory coxib-combretastatin hybrids suppress cell cycle progression and induce apoptosis of MCF7 breast cancer cells. <i>Molecular Diversity</i> , <b>2021</b> , 25, 2307-2319                               | 3.1 | 4         |
| 69 | Cannabis sativa L. chemical compositions as potential plasmodium falciparum dihydrofolate reductase-thymidinesynthase enzyme inhibitors: An in silico study for drug development. <i>Open Chemistry</i> , <b>2021</b> , 19, 1235-1241        | 1.6 | 2         |
| 68 | In silico Assessment and Molecular Docking Studies of Some Phyto-Triterpenoid for Potential Disruption of Mortalin-p53 Interaction. <i>Processes</i> , <b>2021</b> , 9, 1983   | 2.9 | 1         |
| 67 | Effects of antibiotics on Vietnam koi, <i>Anabas testudineus</i> , exposed to <i>Aeromonas dhakensis</i> as a co-infection.. <i>Acta Tropica</i> , <b>2021</b> , 226, 106281   | 3.2 | 0         |
| 66 | Synthesis of Propargyl Compounds and Their Cytotoxic Activity. <i>Russian Journal of Organic Chemistry</i> , <b>2021</b> , 57, 462-468   | 0.7 | 2         |
| 65 | Extraction and analysis of chemical composition of <i>Ocimum gratissimum</i> L essential oil in the North of Vietnam. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2021</b> , 1092, 012092                           | 0.4 | 1         |
| 64 | Antioxidative and $\alpha$ -glucosidase inhibitory constituents of <i>Polyscias guilfoylei</i> : experimental and computational assessments. <i>Molecular Diversity</i> , <b>2021</b> , 1  | 3.1 | 4         |
| 63 | Designs, Synthesis, Docking Studies, and Biological Evaluation of Novel Berberine Derivatives Targeting Zika Virus. <i>Journal of Chemistry</i> , <b>2021</b> , 2021, 1-10   | 2.3 | 1         |
| 62 | Benchmark of Popular Free Energy Approaches Revealing the Inhibitors Binding to SARS-CoV-2 Mpro. <i>Journal of Chemical Information and Modeling</i> , <b>2021</b> , 61, 2302-2312   | 6.1 | 28        |
| 61 | The Chemical Composition and Biological Activities of Essential Oils from <i>Zanthoxylum rhetsa</i> Grown in Son La, Northwest Vietnam. <i>Journal of Food Quality</i> , <b>2021</b> , 2021, 1-8   | 2.7 | 0         |
| 60 | Two new terpenoids from the leaves of. <i>Natural Product Research</i> , <b>2021</b> , 35, 1107-1114   | 2.3 | 3         |
| 59 | Optimization of Murrayafoline A ethanol extraction process from the roots of <i>Glycosmis stenocarpa</i> , and evaluation of its Tumorigenesis inhibition activity on Hep-G2 cells. <i>Open Chemistry</i> , <b>2021</b> , 19, 830-842        | 1.6 | 0         |
| 58 | Molecular design of anticancer drugs from marine fungi derivatives.. <i>RSC Advances</i> , <b>2021</b> , 11, 20173-20179   | 3.7 | 4         |
| 57 | Chemical Composition, Antimicrobial, and Cytotoxic Activities of Leaf, Fruit, and Branch Essential Oils Obtained From <i>Zanthoxylum nitidum</i> Grown in Vietnam. <i>Natural Product Communications</i> , <b>2021</b> , 16, 1934578X2098564 | 0.9 | 1         |

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| 56 | Computational estimation of potential inhibitors from known drugs against the main protease of SARS-CoV-2.. <i>RSC Advances</i> , <b>2021</b> , 11, 17478-17486   | 3.7 | 9   |
| 55 | Marine derivatives prevent MUS81 studies. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 210974   | 3.3 | 0   |
| 54 | Osteogenic Activity of Lupeol Isolated from Clinacanthus nutans Lindau: Activity and Mode of Action. <i>Journal of Chemistry</i> , <b>2021</b> , 2021, 1-8  | 2.3 |     |
| 53 | Potential inhibitors for SARS-CoV-2 Mpro from marine compounds.. <i>RSC Advances</i> , <b>2021</b> , 11, 22206-22213  | 3.7 | 5   |
| 52 | Simultaneous removal efficiency of H <sub>2</sub> S and CO <sub>2</sub> by high-gravity rotating packed bed: Experiments and simulation. <i>Open Chemistry</i> , <b>2021</b> , 19, 288-298  | 1.6 | 2   |
| 51 | Identification of multi-antibiotic resistant bacteria isolated from Vietnamese climbing perch ( <i>Anabas testudineus</i> ) on fish farms in Ho Chi Minh City, Vietnam. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 947, 012036 | 0.3 |     |
| 50 | Optimization of essential oil yield from Vietnamese green pepper ( <i>Piper nigrum</i> ) using hydro-distillation method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 736, 022039   | 0.4 | 4   |
| 49 | Optimization of microwave assisted hydrodistillation of essential oil from lemon ( <i>Citrus aurantifolia</i> ) leaves: Response surface methodology studies. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 736, 022038         | 0.4 | 3   |
| 48 | Evaluation of Physical and Chemical Properties of Pomelo ( <i>Citrus grandis</i> L.) Essential Oil using Steam Distillation Process. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 1433-1436  | 0.4 | 14  |
| 47 | Preliminary Chemical, Total Polyphenol, Total Flavonoid Contents and Antioxidant Activity of <i>Eucalyptus camaldulensis</i> Dehnh.. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 1230-1234  | 0.4 | 12  |
| 46 | Biological remediation of acid mine drainage: Review of past trends and current outlook. <i>Environmental Science and Ecotechnology</i> , <b>2020</b> , 2, 100024   | 7.4 | 66  |
| 45 | PTP1B Inhibitory Flavonoids From <i>Orthosiphon stamineus</i> Benth. and Their Growth Inhibition on Human Breast Cancer Cells. <i>Natural Product Communications</i> , <b>2020</b> , 15, 1934578X1989951  | 0.9 | 5   |
| 44 | Evaluation of Phytochemical and Antioxidant Activity of <i>Gomphrena celosioides</i> Mart. Grown in Tien Giang Province, Vietnam. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 255-259   | 0.4 | 3   |
| 43 | Autodock Vina Adopts More Accurate Binding Poses but Autodock4 Forms Better Binding Affinity. <i>Journal of Chemical Information and Modeling</i> , <b>2020</b> , 60, 204-211   | 6.1 | 104 |
| 42 | Essential Oil Profile of Vietnamese <i>Callicarpa candicans</i> (Burm. f.) Hochr. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 1630-1634   | 0.4 |     |
| 41 | Design, synthesis, structure, in vitro cytotoxic activity evaluation and docking studies on target enzyme GSK-3 $\beta$ new indirubin-3'-oxime derivatives. <i>Scientific Reports</i> , <b>2020</b> , 10, 11429   | 4.9 | 8   |
| 40 | Optimization of Essential Oil Extraction Process of White Pepper ( <i>Piper nigrum</i> L.) Harvested in Phu Quoc Island, Kien Giang Province, Vietnam. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 2707-2712  | 0.4 | 3   |
| 39 | Antioxidant and Anticancer Properties of Functionalized Ferrocene with Hydroxycinnamate Derivatives-An Integrated Experimental and Theoretical Study. <i>Journal of Chemical Information and Modeling</i> , <b>2020</b> , 60, 6185-6203                           | 6.1 | 3   |

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| 38 | Assessing potential inhibitors of SARS-CoV-2 main protease from available drugs using free energy perturbation simulations. <i>RSC Advances</i> , <b>2020</b> , 10, 40284-40290   | 3.7 | 12 |
| 37 | Chemical Composition in Essential Oils of <i>Schefflera octophylla</i> L. Harvested in Hai Duong Province, Vietnam. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 2075-2078   | 0.4 |    |
| 36 | Identification of Cytotoxic Constituents from the Whole Plant of <i>Isodon ternifolius</i> . <i>Natural Product Communications</i> , <b>2020</b> , 15, 1934578X2095324  | 0.9 |    |
| 35 | Determination of Chemical Composition and Antimicrobial Activity of <i>Melaleuca cajuputi</i> Essential Oil from Quang Tri Province, Vietnam. <i>Asian Journal of Chemistry</i> , <b>2020</b> , 32, 2203-2207                             | 0.4 | 1  |
| 34 | Rapid prediction of possible inhibitors for SARS-CoV-2 main protease using docking and FPL simulations.. <i>RSC Advances</i> , <b>2020</b> , 10, 31991-31996  | 3.7 | 19 |
| 33 | Optimization of Microwave-Assisted Extraction of Total Phenolic and Total Flavonoid Contents from Fruits of <i>Docynia indica</i> (Wall.) Decne. Using Response Surface Methodology. <i>Processes</i> , <b>2019</b> , 7, 485              | 2.9 | 13 |
| 32 | Chemical Composition and Evaluation of Antibacterial Activities of Essential Oil from Lemon ( <i>Citrus aurantifolia</i> L.) Leaves Growing Tien Giang Province, Vietnam. <i>Asian Journal of Chemistry</i> , <b>2019</b> , 31, 2284-2286 | 0.4 | 5  |
| 31 | Alkaloid glycosides and their cytotoxic constituents from <i>Zanthoxylum nitidum</i> . <i>Phytochemistry Letters</i> , <b>2019</b> , 32, 47-51  | 1.9 | 8  |
| 30 | Fatty Acid, Lipid Classes and Phospholipid Molecular Species Composition of the Marine Clam (Sowerby 1851) from Cua Lo Beach, Nghe An Province, Vietnam. <i>Molecules</i> , <b>2019</b> , 24,   | 4.8 | 23 |
| 29 | Extraction Process, Identification of Fatty Acids, Tocopherols, Sterols and Phenolic Constituents, and Antioxidant Evaluation of Seed Oils from Five Fabaceae Species. <i>Processes</i> , <b>2019</b> , 7, 456                            | 2.9 | 11 |
| 28 | Isolation of from Roots of and Application in Biosynthesis of Aglycone Isoflavones from Soybean Waste Fermentation. <i>Foods</i> , <b>2019</b> , 8,   | 4.9 | 2  |
| 27 | Protein tyrosine phosphatase 1B inhibitory activities of compounds isolated from <i>Polygonum cuspidatum</i> . <i>Vietnam Journal of Chemistry</i> , <b>2019</b> , 57, 496-499  | 0.8 |    |
| 26 | Physico-Chemical Profile of Essential oil of Kaffir Lime ( <i>Citrus hystrix</i> DC) Grown in An Giang Province, Vietnam. <i>Asian Journal of Chemistry</i> , <b>2019</b> , 31, 2855-2858   | 0.4 | 16 |
| 25 | Molecular docking studies of Vinca alkaloid derivatives on Tubulin. <i>Vietnam Journal of Chemistry</i> , <b>2019</b> , 57, 702-706   | 0.8 | 1  |
| 24 | Inhibitory Selaginellins from <i>Selaginella tamariscina</i> against LPS-induced NO production in RAW264.7 cells. <i>Vietnam Journal of Chemistry</i> , <b>2019</b> , 57, 324-327   | 0.8 | 1  |
| 23 | Essential Oil from Vietnamese Mandarin ( <i>Citrus reticulata</i> Blanco) Using Hydrodistillation Extraction Process and Identification of its Components. <i>Solid State Phenomena</i> , <b>2019</b> , 298, 100-105                      | 0.4 | 4  |
| 22 | Manufacturing Process for Extracting Essential Oils from White Pepper ( <i>Piper nigrum</i> L.) by Hydrodistillation Technique. <i>Solid State Phenomena</i> , <b>2019</b> , 298, 89-93   | 0.4 | 5  |
| 21 | Alkaloids From <i>Zanthoxylum nitidum</i> and Their Cytotoxic Activity. <i>Natural Product Communications</i> , <b>2019</b> , 14, 1934578X1984413   | 0.9 | 2  |

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| 20 | Extraction of Essential Oils from Vietnamese Orange ( <i>Citrus sinensis</i> ) Peels by Hydrodistillation: Modeling and Process Optimization. <i>Asian Journal of Chemistry</i> , <b>2019</b> , 31, 2827-2833   | 0.4 | 14 |
| 19 | Glucose Uptake Stimulatory and PTP1B Inhibitory Activities of Pimarane Diterpenes from Benth. <i>Biomolecules</i> , <b>2019</b> , 9,  | 5.9 | 4  |
| 18 | Occurrence of Melibiose-Containing Glycosphingolipids in a Sample of a Sponge-Coral Association ( <i>Desmapsamma anchorata</i> /Carijoa riisei). <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1800401   | 2.5 | 2  |
| 17 | In silico analysis of the binding properties of solasonine to mortalin and p53, and in vitro pharmacological studies of its apoptotic and cytotoxic effects on human HepG2 and Hep3b hepatocellular carcinoma cells. <i>Fundamental and Clinical Pharmacology</i> , <b>2019</b> , 33, 385-396 | 3.1 | 7  |
| 16 | Fatty Acid, Tocopherol, Sterol Compositions and Antioxidant Activity of Three Garcinia Seed Oils. <i>Records of Natural Products</i> , <b>2018</b> , 12, 323-331  | 1.9 | 8  |
| 15 | Chemical Constituents and Anti-influenza Viral Activity of the Leaves of Vietnamese Plant <i>Elaeocarpus tonkinensis</i> . <i>Records of Natural Products</i> , <b>2018</b> , 13, 71-80   | 1.9 | 5  |
| 14 | Isoflavonoids from <i>Desmodium heterophyllum</i> Aerial Parts. <i>Natural Product Communications</i> , <b>2018</b> , 13, 1934578X1801300   | 0.9 | 1  |
| 13 | Cytotoxic, apoptotic, and sensitization properties of ent-kaurane-type diterpenoids from <i>Croton tonkinensis</i> Gagnep on human liver cancer HepG2 and Hep3b cell lines. <i>Fundamental and Clinical Pharmacology</i> , <b>2016</b> , 30, 137-46   | 3.1 | 8  |
| 12 | Gambogic acid induces apoptotic cell death in T98G glioma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 1097-1101  | 2.9 | 17 |
| 11 | In vitro nifedipine release from poly(lactic acid)/chitosan nanoparticles loaded with nifedipine. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a  | 2.9 | 5  |
| 10 | Marine steroids as potential anticancer drug candidates: In silico investigation in search of inhibitors of Bcl-2 and CDK-4/Cyclin D1. <i>Steroids</i> , <b>2015</b> , 102, 7-16  | 2.8 | 11 |
| 9  | Synthesis and anti-proliferative activity of novel azazerumbone conjugates with chalcones. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 5182-5   | 2.9 | 8  |
| 8  | Investigating the Properties and Hydrolysis Ability of Poly-Lactic Acid/Chitosan Nanocomposites Using Polycaprolactone. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 9585-90  | 1.3 | 7  |
| 7  | Polyunsaturated molecular species of galactolipids: Markers of zooxanthellae in a symbiotic association of the soft coral <i>Capnella</i> sp. (Anthozoa: Alcyonacea). <i>Russian Journal of Marine Biology</i> , <b>2015</b> , 41, 461-467  | 0.7 | 15 |
| 6  | Thermal property, morphology, and hydrolysis ability of poly(lactic acid)/chitosan nanocomposites using polyethylene oxide. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 132, n/a-n/a  | 2.9 | 6  |
| 5  | Distribution of polyunsaturated fatty acids in red algae of the genus <i>Gracilaria</i> , a promising source of prostaglandins. <i>Russian Journal of Marine Biology</i> , <b>2012</b> , 38, 339-345  | 0.7 | 13 |
| 4  | Application of Response Surface Methodology in the Process of extracting essential oil from the Calamondin ( <i>Citrus microcarpa</i> ) Peels. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2012</b> , 736, 022062  | 0.4 | 4  |
| 3  | Evaluate the chemical composition of Kaffir lime ( <i>Citrus hystrix</i> ) essential oil using the classical method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2011</b> , 991, 012014  | 0.4 | 1  |

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| 2 | Evaluation of total polyphenol content, total flavonoid content, and antioxidant activity of Centella asiatica. <i>IOP Conference Series: Materials Science and Engineering</i> ,991, 012020 | 0.4 | 3 |
| 1 | Alkaloids and Their Pharmacology Effects from Zanthoxylum Genus  |     | 2 |