

Jean Paul Kamdem

List of Publications by Year in descending order

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69
papers

1,486
citations

279701

23
h-index

360920

35
g-index

72
all docs

72
docs citations

72
times ranked

2175
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Research trends in food chemistry: A bibliometric review of its 40 th years anniversary (1976–2016). <i>Food Chemistry</i> , 2019, 294, 448-457. | 4.2 | 95 |
| 2 | Antioxidant activity, genotoxicity and cytotoxicity evaluation of lemon balm (<i>Melissa officinalis</i> L.) ethanolic extract: Its potential role in neuroprotection. <i>Industrial Crops and Products</i> , 2013, 51, 26-34. | 2.5 | 87 |
| 3 | Involvement of oxidative stress in 4-vinylcyclohexene-induced toxicity in <i>Drosophila melanogaster</i> . <i>Free Radical Biology and Medicine</i> , 2014, 71, 99-108. | 1.3 | 84 |
| 4 | Oxidative Stress and Antioxidant Potential of One Hundred Medicinal Plants. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1336-1370. | 1.0 | 84 |
| 5 | Ovotoxicants 4-vinylcyclohexene 1,2-monoepoxide and 4-vinylcyclohexene diepoxide disrupt redox status and modify different electrophile sensitive target enzymes and genes in <i>Drosophila melanogaster</i> . <i>Redox Biology</i> , 2015, 5, 328-339. | 3.9 | 63 |
| 6 | Chemical composition and toxicological evaluation of <i>Hyptis suaveolens</i> (L.) Poiteau (LAMIACEAE) in <i>Drosophila melanogaster</i> and <i>Artemia salina</i> . <i>South African Journal of Botany</i> , 2017, 113, 437-442. | 1.2 | 56 |
| 7 | Breast cancer in Africa: prevalence, treatment options, herbal medicines, and socioeconomic determinants. <i>Breast Cancer Research and Treatment</i> , 2017, 166, 351-365. | 1.1 | 53 |
| 8 | Hypoglycemic, antiperoxidative and antihyperlipidemic effects of saponins from <i>Solanum anguivi</i> Lam. fruits in alloxan-induced diabetic rats. <i>South African Journal of Botany</i> , 2013, 88, 56-61. | 1.2 | 50 |
| 9 | Phytochemical constituents, antioxidant activity, cytotoxicity and osmotic fragility effects of <i>Caju</i> (<i>Anacardium microcarpum</i>). <i>Industrial Crops and Products</i> , 2014, 55, 280-288. | 2.5 | 47 |
| 10 | Biochemical and behavioral deficits in the lobster cockroach <i>Nauphoeta cinerea</i> model of methylmercury exposure. <i>Toxicology Research</i> , 2015, 4, 442-451. | 0.9 | 46 |
| 11 | Reactivity of peptides within the food matrix. <i>Journal of Food Biochemistry</i> , 2019, 43, e12489. | 1.2 | 39 |
| 12 | Antioxidant activity of <i>Peumus boldus</i> extract and alkaloid boldine against damage induced by Fe(II)-citrate in rat liver mitochondria in vitro. <i>Industrial Crops and Products</i> , 2014, 54, 240-247. | 2.5 | 38 |
| 13 | In vitro evaluation of glutathione peroxidase (GPx)-like activity and antioxidant properties of an organoselenium compound. <i>Toxicology in Vitro</i> , 2015, 29, 947-952. | 1.1 | 38 |
| 14 | Cytotoxic and antioxidative potentials of ethanolic extract of <i>Eugenia uniflora</i> L. (Myrtaceae) leaves on human blood cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 614-621. | 2.5 | 38 |
| 15 | Protective effects of <i>Croton campestris</i> A. St-Hill in different ulcer models in rodents: Evidence for the involvement of nitric oxide and prostaglandins. <i>Journal of Ethnopharmacology</i> , 2014, 153, 469-477. | 2.0 | 33 |
| 16 | African eggplant (<i>Solanum anguivi</i> Lam.) fruit with bioactive polyphenolic compounds exerts in vitro antioxidant properties and inhibits Ca ²⁺ -induced mitochondrial swelling. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 757-766. | 0.5 | 31 |
| 17 | <i>Trichilia catigua</i> (Catuaba) bark extract exerts neuroprotection against oxidative stress induced by different neurotoxic agents in rat hippocampal slices. <i>Industrial Crops and Products</i> , 2013, 50, 625-632. | 2.5 | 29 |
| 18 | Antimicrobial Activity and Modulatory Effect of Essential Oil from the Leaf of <i>Rhaphiodon echinus</i> (Nees & Mart) Schauer on Some Antimicrobial Drugs. <i>Molecules</i> , 2016, 21, 743. | 1.7 | 28 |

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|----|---|-----|-----------|
| 19 | Chemical Characterization and Trypanocidal, Leishmanicidal and Cytotoxicity Potential of <i>Lantana camara</i> L. (Verbenaceae) Essential Oil. <i>Molecules</i> , 2016, 21, 209. | 1.7 | 28 |
| 20 | In vitro antioxidant activity of stem bark of <i>Trichilia catigua</i> Adr. Juss. <i>Acta Pharmaceutica</i> , 2012, 62, 371-382. | 0.9 | 27 |
| 21 | <i>Euphorbia tirucalli</i> aqueous extract induces cytotoxicity, genotoxicity and changes in antioxidant gene expression in human leukocytes. <i>Toxicology Research</i> , 2015, 4, 739-748. | 0.9 | 26 |
| 22 | Catuaba (<i>Trichilia catigua</i>) Prevents Against Oxidative Damage Induced by In Vitro Ischemia/Reperfusion in Rat Hippocampal Slices. <i>Neurochemical Research</i> , 2012, 37, 2826-2835. | 1.6 | 23 |
| 23 | Possible involvement of transcriptional activation of nuclear factor erythroid 2-related factor 2 (Nrf2) in the protective effect of caffeic acid on paraquat-induced oxidative damage in <i>Drosophila melanogaster</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 157, 161-168. | 1.6 | 23 |
| 24 | Phytochemical profile of <i>Anacardium occidentale</i> L. (cashew tree) and the cytotoxic and toxicological evaluation of its bark and leaf extracts. <i>South African Journal of Botany</i> , 2020, 135, 355-364. | 1.2 | 21 |
| 25 | Influence of gallic acid on oxidative stress-linked streptozotocin-induced pancreatic dysfunction in diabetic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014, 25, 35-45. | 0.7 | 20 |
| 26 | Polyphenolic Composition and Evaluation of Antioxidant Activity, Osmotic Fragility and Cytotoxic Effects of <i>Raphiodon echinus</i> (Nees & Mart.) Schauer. <i>Molecules</i> , 2016, 21, 2. | 1.7 | 20 |
| 27 | Organoselenium Compounds as Potential Neuroprotective Therapeutic Agents. <i>Current Organic Chemistry</i> , 2015, 20, 218-231. | 0.9 | 20 |
| 28 | Saponin as regulator of biofuel: implication for ethnobotanical management of diabetes. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 555-567. | 1.3 | 19 |
| 29 | Phytocompounds and modulatory effects of <i>Anacardium microcarpum</i> (cajui) on antibiotic drugs used in clinical infections. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5965. | 2.0 | 19 |
| 30 | Saponins as adipokines modulator: A possible therapeutic intervention for type 2 diabetes. <i>World Journal of Diabetes</i> , 2017, 8, 337. | 1.3 | 19 |
| 31 | 1-(2-(2-(2-(1-Aminoethyl)phenyl)diselanyl)phenyl)ethanamine: An amino organoselenium compound with interesting antioxidant profile. <i>Toxicology in Vitro</i> , 2014, 28, 524-530. | 1.1 | 17 |
| 32 | Discovery of potential visfatin activators using in silico docking and ADME predictions as therapy for type 2 diabetes. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 241-249. | 0.8 | 16 |
| 33 | Scientific Performance of Brazilian Researchers in Pharmacology with grants from CNPq: A comparative study within the Brazilian categories. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1735-1742. | 0.3 | 15 |
| 34 | Caffeine-supplemented diet modulates oxidative stress markers and improves locomotor behavior in the lobster cockroach <i>Nauphoeta cinerea</i> . <i>Chemico-Biological Interactions</i> , 2018, 282, 77-84. | 1.7 | 15 |
| 35 | In vitro Antibiotic and Modulatory Activity of <i>Mesosphaerum suaveolens</i> (L.) Kuntze against <i>Candida</i> strains. <i>Antibiotics</i> , 2020, 9, 46. | 1.5 | 15 |
| 36 | <i>Raphiodon echinus</i> (Nees & Mart.) Schauer: Chemical, toxicological activity and increased antibiotic activity of antifungal drug activity and antibacterial. <i>Microbial Pathogenesis</i> , 2017, 107, 280-286. | 1.3 | 14 |

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|----|---|-----|-----------|
| 37 | Chemical composition and anti-Candida potential of the extracts of <i>Tarenaya spinosa</i> (Jacq.) Raf. (Cleomaceae). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 64, 14-19. | 0.7 | 14 |
| 38 | Productivity of CNPq Researchers from Different Fields in Biomedical Sciences: The Need for Objective Bibliometric Parameters – A Report from Brazil. <i>Science and Engineering Ethics</i> , 2019, 25, 1037-1055. | 1.7 | 14 |
| 39 | Effects of <i>Tapinanthus globiferus</i> and <i>Zanthoxylum zanthoxyloides</i> extracts on human leukocytes in vitro. <i>Journal of Intercultural Ethnopharmacology</i> , 2014, 3, 167. | 0.9 | 14 |
| 40 | Phytochemical Constituents and Toxicity of <i>Duguetia furfuracea</i> Hydroalcoholic Extract in <i>Drosophila melanogaster</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11. | 0.5 | 13 |
| 41 | HPLC-DAD phenolic profile, cytotoxic and anti-kinetoplastidae activity of <i>Melissa officinalis</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 1664-1670. | 1.3 | 12 |
| 42 | Comparative research performance of top universities from the northeastern Brazil on three pharmacological disciplines as seen in scopus database. <i>Journal of Taibah University Medical Sciences</i> , 2017, 12, 483-491. | 0.5 | 11 |
| 43 | Therapeutic Potential of Plant Extracts and Phytochemicals Against Brain Ischemia-Reperfusion Injury: A Review. <i>Natural Products Journal</i> , 2016, 6, 250-284. | 0.1 | 11 |
| 44 | Toxicity against <i>Drosophila melanogaster</i> and antiedematogenic and antimicrobial activities of <i>Alternanthera brasiliana</i> (L.) Kuntze (Amaranthaceae). <i>Environmental Science and Pollution Research</i> , 2018, 25, 10353-10361. | 2.7 | 10 |
| 45 | GC-MS Chemical Characterization and In Vitro Evaluation of Antioxidant and Toxic Effects Using <i>Drosophila melanogaster</i> Model of the Essential Oil of <i>Lantana montevidensis</i> (Spreng) Briq.. <i>Medicina (Lithuania)</i> , 2019, 55, 194. | 0.8 | 10 |
| 46 | Antibacterial enhancement of antibiotic activity by <i>Enterolobium contortisiliquum</i> (Vell.) Morong. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 945-949. | 0.5 | 9 |
| 47 | Cytotoxicity of Essential Oil <i>Cordia verbenaceae</i> against <i>Leishmania brasiliensis</i> and <i>Trypanosoma cruzi</i> . <i>Molecules</i> , 2021, 26, 4485. | 1.7 | 9 |
| 48 | Research trends in chemico-biological interactions: The golden jubilee (1969 – 2019). <i>Chemico-Biological Interactions</i> , 2020, 327, 109177. | 1.7 | 8 |
| 49 | Ten years of <i>Arabian Journal of Chemistry</i> : A bibliometric analysis. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7720-7743. | 2.3 | 7 |
| 50 | Saponin from the fruit of <i>Solanum anguivi</i> protects against oxidative damage mediated by Fe ²⁺ and sodium nitroprusside in rat brain synaptosome P2 fraction. <i>Archives of Pharmacal Research</i> , 2015, , 1. | 2.7 | 5 |
| 51 | Improvement of mitochondrial function by <i>Tapinanthus globifer</i> (A.Rich.) Tiegh. Against hepatotoxic agent in isolated rat's liver mitochondria. <i>Journal of Ethnopharmacology</i> , 2019, 242, 112026. | 2.0 | 5 |
| 52 | Bibliometric analysis of personalized humanized mouse and <i>Drosophila</i> models for effective combinational therapy in cancer patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165880. | 1.8 | 5 |
| 53 | <i>Anacardium microcarpum</i> extract and fractions protect against paraquat-induced toxicity in <i>Drosophila melanogaster</i> . <i>EXCLI Journal</i> , 2017, 16, 302-312. | 0.5 | 5 |
| 54 | Safety assessment and antioxidant activity of <i>Lantana montevidensis</i> leaves: Contribution to its phytochemical and pharmacological activity. <i>EXCLI Journal</i> , 2017, 16, 566-582. | 0.5 | 4 |

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|----|--|-----|-----------|
| 55 | Evaluation of the neuroprotective effect of rutin on <i>Drosophila melanogaster</i> about behavioral and biochemical aspects induced by mercury chloride (HgCl ₂). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109119. | 1.3 | 3 |
| 56 | Neurolocomotor Behavior and Oxidative Stress Markers of Thiazole and Thiazolidinedione Derivatives against <i>Nauphoeta cinerea</i> . <i>Antioxidants</i> , 2022, 11, 420. | 2.2 | 3 |
| 57 | Influence of abiotic factors on phytochemical diversity of <i>Anacardium occidentale</i> L.. <i>Food Bioscience</i> , 2022, 49, 101911. | 2.0 | 3 |
| 58 | Acute oral toxicity and antioxidant studies of an amine-based diselenide. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 80. | 3.7 | 2 |
| 59 | Chemical Composition and Insecticide Activity of Essential Oil of <i>Mesosphaerum suaveolens</i> Against <i>Nauphoeta cinerea</i> . <i>Journal of Agricultural Studies</i> , 2020, 8, 352. | 0.2 | 2 |
| 60 | A Biossegurança no uso de agrotóxicos na percepção de agricultores do Distrito de Cuncas, Barro Branco Ceará: Saãde Física e Ambiental. <i>Research, Society and Development</i> , 2021, 10, e15610111644. | 0.0 | 2 |
| 61 | Metabolic aspects of phenolic compounds from <i>Triplaris gardneriana</i> seeds in the management of oxidative stress. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1026-1033. | 0.9 | 1 |
| 62 | Trends in Photocatalysis Research from the Year 2000 to 2020. <i>Current Organocatalysis</i> , 2021, 8, 362-379. | 0.3 | 1 |
| 63 | The evolution of Selenium and Mercury research from 1700 to 2017 based on bibliometric analysis. <i>Research, Society and Development</i> , 2020, 9, e150922177. | 0.0 | 1 |
| 64 | Concepção dos licenciandos sobre uma ferramenta pedagógica: Gibi "pulmão e sua turma". <i>Research, Society and Development</i> , 2021, 10, e58110616153. | 0.0 | 0 |
| 65 | Efficacy of pulegone pre-treatment in mitigating the oxidative damage by NaCl applied to <i>Allium cepa</i> L. seeds. <i>Natural Products Journal</i> , 2021, 11, . | 0.1 | 0 |
| 66 | Diversidade, parâmetros estruturais e produtos florestais não madeiros na reserva florestal de Bonépoupa (Douala, Camarões). <i>Ciencia Florestal</i> , 2013, 23, . | 0.1 | 0 |
| 67 | Toxicological assessment of a bioactive extract from <i>Triplaris gardneriana</i> Wedd. seeds using alternative models. <i>Drug and Chemical Toxicology</i> , 2020, , 1-11. | 1.2 | 0 |
| 68 | A Potential New Source of Therapeutic Agents for the Treatment of Mucocutaneous Leishmaniasis: The Essential Oil of <i>Rhaphiodon echinus</i> . <i>Molecules</i> , 2022, 27, 2169. | 1.7 | 0 |
| 69 | The silver jubilee of the Nitric Oxide journal: From 1997 to 2021. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 124, 74-87. | 1.2 | 0 |