# Krishnaraj Thirugnanasambantham

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4952737/publications.pdf

Version: 2024-02-01

| 45 | 742 | 516215 | 580395 |
|---|---|---|---|
| papers | citations | 16 | 25 |
| | | h-index | g-index |

| 46 | 46 | 46 | 1125 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 1 | Swertiamarin attenuates inflammation mediators via modulating NF-Î²B/I Î²B and JAK2/STAT3 transcription factors in adjuvant induced arthritis. European Journal of Pharmaceutical Sciences, 2014, 56, 70-86. | 1.9 | 97 |
| 2 | Significance of microRNA 21 in gastric cancer. Clinics and Research in Hepatology and Gastroenterology, 2016, 40, 538-545. | 0.7 | 54 |
| 3 | Novel Aryl Hydrocarbon Receptor Agonist Suppresses Migration and Invasion of Breast Cancer Cells. PLoS ONE, 2016, 11, e0167650. | 1.1 | 43 |
| 4 | Role of Ethylene Response Transcription Factor (ERF) and Its Regulation in Response to Stress Encountered by Plants. Plant Molecular Biology Reporter, 2015, 33, 347-357. | 1.0 | 42 |
| 5 | Swertiamarin ameliorates inflammation and osteoclastogenesis intermediates in IL-1Î² induced rat fibroblast-like synoviocytes. Inflammation Research, 2014, 63, 451-462. | 1.6 | 41 |
| 6 | Relevance of miR-21 in HIV and non-HIV-related lymphomas. Tumor Biology, 2014, 35, 8387-8393. | 0.8 | 34 |
| 7 | Analysis of Dormant Bud (Banjhi) Specific Transcriptome of Tea (Camellia sinensis (L.) O. Kuntze) from cDNA Library Revealed Dormancy-Related Genes. Applied Biochemistry and Biotechnology, 2013, 169, 1405-1417. | 1.4 | 27 |
| 8 | Role of MicroRNA 21 in Mesenchymal Stem Cell (MSC) Differentiation: A Powerful Biomarker in MSCs Derived Cells. Current Pharmaceutical Biotechnology, 2015, 16, 43-48. | 0.9 | 27 |
| 9 | Identification of differentially expressed genes in dormant (banjhi) bud of tea (Camellia sinensis (L.) O.) Tj ETQq1 1 0.784314 rgBT /Ov | 2.8 | 26 |
| 10 | In Vivo and In Vitro Immunomodulatory Potential of Swertiamarin Isolated from Enicostema axillare (Lam.) A. Raynal That Acts as an Anti-inflammatory Agent. Inflammation, 2014, 37, 1374-1388. | 1.7 | 26 |
| 11 | Pinocembrin, a novel histidine decarboxylase inhibitor with anti-allergic potential in in vitro. European Journal of Pharmacology, 2017, 814, 178-186. | 1.7 | 25 |
| 12 | Anticancer potential of NF-Î²B targeting apoptotic molecule â€œflavipinâ€•isolated from endophytic Chaetomium globosum. Phytomedicine, 2019, 61, 152830. | 2.3 | 24 |
| 13 | Swertiamarin, a natural steroid, prevent bone erosion by modulating RANKL/RANK/OPG signaling. International Immunopharmacology, 2017, 53, 114-124. | 1.7 | 23 |
| 14 | Hexamerin a Novel Protein Associated with Bacillus sphaericus Resistance in Culex quinquefasciatus. Applied Biochemistry and Biotechnology, 2014, 172, 2299-2307. | 1.4 | 19 |
| 15 | miRNA-24 and miRNA-466i-5p controls inflammation in rat hepatocytes. Cellular and Molecular Immunology, 2015, 12, 113-115. | 4.8 | 19 |
| 16 | Computational Approach for Identification of Anopheles gambiae miRNA Involved in Modulation of Host Immune Response. Applied Biochemistry and Biotechnology, 2013, 170, 281-291. | 1.4 | 18 |
| 17 | Analysis of molecular variance and population structure in southern Indian finger millet genotypes using three different molecular markers. Journal of Crop Science and Biotechnology, 2016, 19, 275-283. | 0.7 | 18 |
| 18 | Suppressive Subtractive Hybridization Approach Revealed Differential Expression of Hypersensitive Response and Reactive Oxygen Species Production Genes in Tea (Camellia sinensis (L.) O. Kuntze) Leaves during Pestalotiopsis thea Infection. Applied Biochemistry and Biotechnology, 2012, 168, 1917-1927. | 1.4 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Purification and characterization of keratinase from feather degrading bacterium useful for mosquito control--a new report. Tropical Biomedicine, 2014, 31, 97-109. | 0.2 | 14 |
| 20 | Traditionally practiced medicinal plant extracts inhibit the ergosterol biosynthesis of clinically isolated dermatophytic pathogens. Journal De Mycologie Medicale, 2018, 28, 143-149. | 0.7 | 12 |
| 21 | Inhibitory potential of EGCG on Streptococcus mutans biofilm: A new approach to prevent Cariogenesis. Microbial Pathogenesis, 2020, 143, 104129. | 1.3 | 12 |
| 22 | Identification and characterization of a novel marine Bacillus cereus for mosquito control. Parasitology Research, 2014, 113, 323-332. | 0.6 | 11 |
| 23 | Molecular Cloning, Computational and Expression Analysis of Anthocyanidin Reductase in Tea (Camellia sinensis). Applied Biochemistry and Biotechnology, 2014, 174, 130-145. | 1.4 | 11 |
| 24 | Anti-Allergic Potential of Cinnamaldehyde via the Inhibitory Effect of Histidine Decarboxylase (HDC) Producing Klebsiella pneumonia. Molecules, 2020, 25, 5580. | 1.7 | 10 |
| 25 | Feeding Systems and Host Breeds Influence Ruminal Fermentation, Methane Production, Microbial Diversity and Metagenomic Gene Abundance. Frontiers in Microbiology, 2021, 12, 701081. | 1.5 | 10 |
| 26 | Synergistic effect of cytokinin and gibberellins stimulates release of dormancy in tea (Camellia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 | 1.4 | 8 |
| 27 | Ameliorative Effect of Ocimum forskolei Benth on Diabetic, Apoptotic, and Adipogenic Biomarkers of Diabetic Rats and 3T3-L1 Fibroblasts Assisted by In Silico Approach. Molecules, 2022, 27, 2800. | 1.7 | 8 |
| 28 | Inhibitory Potential of Mangiferin on Glucansucrase Producing Streptococcus mutans Biofilm in Dental Plaque. Applied Sciences (Switzerland), 2020, 10, 8297. | 1.3 | 7 |
| 29 | Identification of evolutionarily conserved Momordica charantia microRNAs using computational approach and its utility in phylogeny analysis. Computational Biology and Chemistry, 2015, 58, 25-39. | 1.1 | 6 |
| 30 | Identification and characterization of a novel marine Bacillus cereus VCRC-B540 for mosquito control. BioControl, 2015, 60, 71-79. | 0.9 | 6 |
| 31 | MicroRNA-7188-5p and miR-7235 regulates Multiple sclerosis in an experimental mouse model. Molecular Immunology, 2021, 139, 157-167. | 1.0 | 6 |
| 32 | In Silico Identification of Human miR 3654 and its Targets Revealed its Involvement in Prostate Cancer Progression. MicroRNA (Shariqah, United Arab Emirates), 2016, 5, 140-145. | 0.6 | 6 |
| 33 | Molecular cloning and characterization of nucleoside diphosphate kinase 1 cDNA in tea. Biologia Plantarum, 2012, 56, 140-144. | 1.9 | 5 |
| 34 | Genotypic Diversity of Mosquitocidal Bacteria (Bacillus sphaericus, B. thuringiensis, and B. cereus) Newly Isolated from Natural Sources. Applied Biochemistry and Biotechnology, 2013, 171, 2233-2246. | 1.4 | 5 |
| 35 | Sequencing approaches in cancer treatment. Cell Proliferation, 2014, 47, 391-395. | 2.4 | 5 |
| 36 | Molecular Characterization of Mosquitocidal Toxin (Surface Layer Protein, SLP) from Bacillus cereus VCRC B540. Applied Biochemistry and Biotechnology, 2018, 184, 1094-1105. | 1.4 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Identification of Expressed miRNAs in Human Rheumatoid Arthritis Using Computational Approach â€“ Discovery of a New miR-7167 from Human. MicroRNA (Shariqah, United Arab Emirates), 2019, 8, 147-154. | 0.6 | 4 |
| 38 | Effects of Dietary Protein Concentration on Lipid Metabolism Gene Expression and Fatty Acid Composition in 18â€“23-Month-Old Hanwoo Steers. Animals, 2021, 11, 3378. | 1.0 | 4 |
| 39 | Isolation of mosquitocidal bacteria (Bacillus thuringiensis, B.sphaericus and B. cereus) from excreta of arid birds. Indian Journal of Experimental Biology, 2014, 52, 739-47. | 0.5 | 3 |
| 40 | Structural and Docking Studies of a Nucleoside Diphosphate Kinase 1 (CsNDPK1) from Tea [Camellia sinensis (L.) O. Kuntze]. Applied Biochemistry and Biotechnology, 2012, 168, 1907-1916. | 1.4 | 2 |
| 41 | Isolation and characterisation of a new mosquitocidal bacterium strain ofEnterobacter cloacaeVCRC-B519 from marine soil. Biocontrol Science and Technology, 2014, 24, 158-169. | 0.5 | 2 |
| 42 | Metabolite Profile, Ruminal Methane Reduction, and Microbiome Modulating Potential of Seeds of Pharbitis nil. Frontiers in Microbiology, 2022, 13, . | 1.5 | 2 |
| 43 | 180 Screening the carbon footprint of intensive Korean dairy cattle farms: Transition towards low emissionsâ€™ production system. Journal of Animal Science, 2020, 98, 136-136. | 0.2 | 0 |
| 44 | An investigation on the diversity of mosquitocidal bacteria and its relationship with incidence of vector borne diseases. Tropical Biomedicine, 2015, 32, 84-97. | 0.2 | 0 |
| 45 | Field evaluation of Bacillus cereus VCRC B540 for mosquitocidal activity - A new report. Tropical Biomedicine, 2018, 35, 580-585. | 0.2 | 0 |