

K K Asanka Sanjeewa

List of Publications by Year in descending order

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63
papers

2,226
citations

201385

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233125

45
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64
all docs

64
docs citations

64
times ranked

2030
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | FTIR characterization and antioxidant activity of water soluble crude polysaccharides of Sri Lankan marine algae. <i>Algae</i> , 2017, 32, 75-86. | 0.9 | 157 |
| 2 | The potential of brown-algae polysaccharides for the development of anticancer agents: An update on anticancer effects reported for fucoidan and laminaran. <i>Carbohydrate Polymers</i> , 2017, 177, 451-459. | 5.1 | 143 |
| 3 | Bioactive properties and potentials cosmeceutical applications of phlorotannins isolated from brown seaweeds: A review. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 100-105. | 1.7 | 137 |
| 4 | Anti-inflammatory activity of a sulfated polysaccharide isolated from an enzymatic digest of brown seaweed <i>Sargassum horneri</i> in RAW 264.7 cells. <i>Nutrition Research and Practice</i> , 2017, 11, 3. | 0.7 | 129 |
| 5 | A fucoidan fraction purified from <i>Chnoospora minima</i> ; a potential inhibitor of LPS-induced inflammatory responses. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1185-1193. | 3.6 | 119 |
| 6 | Bioactive potentials of sulfated polysaccharides isolated from brown seaweed <i>Sargassum</i> spp in related to human health applications: A review. <i>Food Hydrocolloids</i> , 2018, 81, 200-208. | 5.6 | 85 |
| 7 | Anti-inflammatory potential of alginic acid from <i>Sargassum horneri</i> against urban aerosol-induced inflammatory responses in keratinocytes and macrophages. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 24-31. | 2.9 | 79 |
| 8 | In vitro and in vivo anti-inflammatory activities of high molecular weight sulfated polysaccharide; containing fucose separated from <i>Sargassum horneri</i> : Short communication. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 803-807. | 3.6 | 74 |
| 9 | Anti-inflammatory and anti-cancer activities of sterol rich fraction of cultured marine microalga <i>Nannochloropsis oculata</i> . <i>Algae</i> , 2016, 31, 277-287. | 0.9 | 72 |
| 10 | Fucoidan isolated from <i>Padina commersonii</i> inhibit LPS-induced inflammation in macrophages blocking TLR/NF- κ B signal pathway. <i>Carbohydrate Polymers</i> , 2019, 224, 115195. | 5.1 | 65 |
| 11 | Isolation and purification of fucoidan fraction in <i>Turbinaria ornata</i> from the Maldives; Inflammation inhibitory potential under LPS stimulated conditions in in-vitro and in-vivo models. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 614-623. | 3.6 | 61 |
| 12 | The potential of fucoidans from <i>Chnoospora minima</i> and <i>Sargassum polycystum</i> in cosmetics: antioxidant, anti-inflammatory, skin-whitening, and antiwrinkle activities. <i>Journal of Applied Phycology</i> , 2018, 30, 3223-3232. | 1.5 | 60 |
| 13 | Isolation, Characterization, and Antioxidant Activity Evaluation of a Fucoidan from an Enzymatic Digest of the Edible Seaweed, <i>Hizikia fusiforme</i> . <i>Antioxidants</i> , 2020, 9, 363. | 2.2 | 58 |
| 14 | Antioxidant Potential of Sulfated Polysaccharides from <i>Padina boryana</i> ; Protective Effect against Oxidative Stress in In Vitro and In Vivo Zebrafish Model. <i>Marine Drugs</i> , 2020, 18, 212. | 2.2 | 53 |
| 15 | Inhibition of inflammatory responses elicited by urban fine dust particles in keratinocytes and macrophages by diphlorethohydroxycarmalol isolated from a brown alga <i>Ishige okamurae</i> . <i>Algae</i> , 2017, 32, 261-273. | 0.9 | 47 |
| 16 | <i>Sargassum horneri</i> (Turner) inhibit urban particulate matter-induced inflammation in MH-S lung macrophages via blocking TLRs mediated NF- κ B and MAPK activation. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112363. | 2.0 | 45 |
| 17 | A comparative study of <i>Sargassum horneri</i> Korea and China strains collected along the coast of Jeju Island South Korea: its components and bioactive properties. <i>Algae</i> , 2018, 33, 341-349. | 0.9 | 44 |
| 18 | Fucoidan isolated from invasive <i>Sargassum horneri</i> inhibit LPS-induced inflammation via blocking NF- κ B and MAPK pathways. <i>Algal Research</i> , 2019, 41, 101561. | 2.4 | 43 |

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|----|---|-----|-----------|
| 19 | Reduction of heavy metal (Pb ²⁺) biosorption in zebrafish model using alginic acid purified from <i>Ecklonia cava</i> and two of its synthetic derivatives. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 330-337. | 3.6 | 40 |
| 20 | Anti-Inflammatory Effects of Sulfated Polysaccharide from <i>Sargassum swartzii</i> in Macrophages via Blocking TLR/NF- κ B Signal Transduction. <i>Marine Drugs</i> , 2020, 18, 601. | 2.2 | 40 |
| 21 | Nutrients and bioactive potentials of edible green and red seaweed in Korea. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, . | 0.3 | 39 |
| 22 | <i>Sargassum horneri</i> and isolated 6-hydroxy-4,4,7a-trimethyl-5,6,7,7a-tetrahydrobenzofuran-2(4H)-one (HTT); LPS-induced inflammation attenuation via suppressing NF- κ B, MAPK and oxidative stress through Nrf2/HO-1 pathways in RAW 264.7 macrophages. <i>Algal Research</i> , 2019, 40, 101513. | 2.4 | 35 |
| 23 | Antioxidant and anti-inflammatory functionality of ten Sri Lankan seaweed extracts obtained by carbohydrase assisted extraction. <i>Food Science and Biotechnology</i> , 2018, 27, 1761-1769. | 1.2 | 33 |
| 24 | Ethanol extract separated from <i>Sargassum horneri</i> (Turner) abate LPS-induced inflammation in RAW 264.7 macrophages. <i>Fisheries and Aquatic Sciences</i> , 2019, 22, . | 0.3 | 33 |
| 25 | <i>Sargassum horneri</i> (Turner) C. Agardh ethanol extract inhibits the fine dust inflammation response via activating Nrf2/HO-1 signaling in RAW 264.7 cells. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 249. | 3.7 | 32 |
| 26 | Anti-allergy effect of mojabanchromanol isolated from <i>Sargassum horneri</i> in bone marrow-derived cultured mast cells. <i>Algal Research</i> , 2020, 48, 101898. | 2.4 | 28 |
| 27 | Fucoidan Purified from <i>Sargassum polycystum</i> Induces Apoptosis through Mitochondria-Mediated Pathway in HL-60 and MCF-7 Cells. <i>Marine Drugs</i> , 2020, 18, 196. | 2.2 | 27 |
| 28 | Apoptotic and antiproliferative properties of 3 β -hydroxy- Δ^5 -steroidal congeners from a partially purified column fraction of <i>Dendronephthya gigantea</i> against HL-60 and MCF-7 cancer cells. <i>Journal of Applied Toxicology</i> , 2018, 38, 527-536. | 1.4 | 25 |
| 29 | <i>Ecklonia cava</i> (Laminariales) and <i>Sargassum horneri</i> (Fucales) synergistically inhibit the lipopolysaccharide-induced inflammation via blocking NF- κ B and MAPK pathways. <i>Algae</i> , 2019, 34, 45-56. | 0.9 | 25 |
| 30 | Identification of sterols from the soft coral <i>Dendronephthya gigantea</i> and their anti-inflammatory potential. <i>Environmental Toxicology and Pharmacology</i> , 2017, 55, 37-43. | 2.0 | 24 |
| 31 | Apoptotic and antiproliferative effects of Stigmast-5-en-3-ol from <i>Dendronephthya gigantea</i> on human leukemia HL-60 and human breast cancer MCF-7 cells. <i>Toxicology in Vitro</i> , 2018, 52, 297-305. | 1.1 | 24 |
| 32 | Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- κ B Signal Transduction. <i>Biomolecules</i> , 2020, 10, 511. | 1.8 | 23 |
| 33 | Exploiting biological activities of brown seaweed <i>Ishige okamurae</i> Yendo for potential industrial applications: a review. <i>Journal of Applied Phycology</i> , 2017, 29, 3109-3119. | 1.5 | 22 |
| 34 | Squalene isolated from marine macroalgae <i>Caulerpa racemosa</i> and its potent antioxidant and anti-inflammatory activities. <i>Journal of Food Biochemistry</i> , 2018, 42, e12628. | 1.2 | 22 |
| 35 | Edible brown seaweeds: a review. <i>Journal of Food Bioactives: an Official Scientific Publication of the International Society of Nutraceuticals and Functional Foods (ISNFF)</i> , 0, 2, . | 2.4 | 21 |
| 36 | Particulate Matter-Induced Inflammation/Oxidative Stress in Macrophages: Fucosterol from <i>Padina boryana</i> as a Potent Protector, Activated via NF- κ B/MAPK Pathways and Nrf2/HO-1 Involvement. <i>Marine Drugs</i> , 2020, 18, 628. | 2.2 | 19 |

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|----|---|-----|-----------|
| 37 | The protective effect of <i>Sargassum horneri</i> against particulate matter-induced inflammation in lung tissues of an <i>in vivo</i> mouse asthma model. <i>Food and Function</i> , 2019, 10, 7995-8004. | 2.1 | 16 |
| 38 | Eckol from <i>Ecklonia cava</i> Suppresses Immunoglobulin E-mediated Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Nutrients</i> , 2020, 12, 1361. | 1.7 | 16 |
| 39 | Free radical scavenging activity of the peptide from the Alcalase hydrolysate of the edible aquacultural seahorse (<i>Hippocampus abdominalis</i>). <i>Journal of Food Biochemistry</i> , 2019, 43, e12833. | 1.2 | 14 |
| 40 | Loliolide, isolated from <i>Sargassum horneri</i> ; abate LPS-induced inflammation via TLR mediated NF- κ B, MAPK pathways in macrophages. <i>Algal Research</i> , 2021, 56, 102297. | 2.4 | 14 |
| 41 | Antioxidant and angiotensin-I converting enzyme inhibitory peptides from <i>Hippocampus abdominalis</i> . <i>European Food Research and Technology</i> , 2019, 245, 479-487. | 1.6 | 13 |
| 42 | Dieckol: an algal polyphenol attenuates urban fine dust-induced inflammation in RAW 264.7 cells via the activation of anti-inflammatory and antioxidant signaling pathways. <i>Journal of Applied Phycology</i> , 2020, 32, 2387-2396. | 1.5 | 13 |
| 43 | Drying seaweeds using hybrid hot water Goodle dryer (HHGD): comparison with freeze-dryer in chemical composition and antioxidant activity. <i>Fisheries and Aquatic Sciences</i> , 2021, 24, 19-31. | 0.3 | 13 |
| 44 | Soft corals collected from Jeju Island; a potential source of anti-inflammatory phytochemicals. <i>Journal of Chitin and Chitosan</i> , 2016, 21, 247-254. | 0.1 | 13 |
| 45 | <i>Sargassum horneri</i> as a Functional Food Ameliorated IgE/BSA-Induced Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mice. <i>Marine Drugs</i> , 2020, 18, 594. | 2.2 | 12 |
| 46 | Isolation and characterization of anti-inflammatory compounds from <i>Sargassum horneri</i> via high-performance centrifugal partition chromatography and high-performance liquid chromatography. <i>Algal Research</i> , 2021, 54, 102209. | 2.4 | 11 |
| 47 | Fucoidans as Scientifically and Commercially Important Algal Polysaccharides. <i>Marine Drugs</i> , 2021, 19, 284. | 2.2 | 11 |
| 48 | Characterization and cytoprotective properties of <i>Sargassum natans</i> fucoidan against urban aerosol-induced keratinocyte damage. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 773-781. | 3.6 | 11 |
| 49 | <i>Sargassum horneri</i> ethanol extract ameliorates TNF- α /IFN- γ -induced inflammation in human keratinocytes and TPA-induced ear edema in mice. <i>Food Bioscience</i> , 2021, 39, 100831. | 2.0 | 10 |
| 50 | (β)-Loliolide Isolated from <i>Sargassum horneri</i> Abate UVB-Induced Oxidative Damage in Human Dermal Fibroblasts and Subside ECM Degradation. <i>Marine Drugs</i> , 2021, 19, 435. | 2.2 | 10 |
| 51 | Lipid Inhibitory Effect of (β)-Loliolide Isolated from <i>Sargassum horneri</i> in 3T3-L1 Adipocytes: Inhibitory Mechanism of Adipose-Specific Proteins. <i>Marine Drugs</i> , 2021, 19, 96. | 2.2 | 9 |
| 52 | Alginate Acid from <i>Padina boryana</i> Abate Particulate Matter-Induced Inflammatory Responses in Keratinocytes and Dermal Fibroblasts. <i>Molecules</i> , 2020, 25, 5746. | 1.7 | 8 |
| 53 | <i>Padina boryana</i> , a brown alga from the Maldives: inhibition of α -MSH-stimulated melanogenesis via the activation of ERK in B16F10 cells. <i>Fisheries and Aquatic Sciences</i> , 2020, 23, . | 0.3 | 8 |
| 54 | Anti-inflammation effects of 8-oxo-9-octadecenoic acid isolated from in lipopolysaccharide-stimulated macrophage cells. <i>EXCLI Journal</i> , 2018, 17, 775-783. | 0.5 | 7 |

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|----|--|-----|-----------|
| 55 | Purification and Identification of an Antioxidative Peptide from Digestive Enzyme Hydrolysis of Cutlassfish Muscle. <i>Journal of Aquatic Food Product Technology</i> , 2018, 27, 934-944. | 0.6 | 6 |
| 56 | In Vitro and In Vivo Photoprotective Effects of (-)-Loliode Isolated from the Brown Seaweed, <i>Sargassum horneri</i> . <i>Molecules</i> , 2021, 26, 6898. | 1.7 | 5 |
| 57 | Soft corals collected from Jeju Island inhibits the α -MSH-induced melanogenesis in B16F10 cells through activation of ERK. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, . | 0.3 | 4 |
| 58 | Anti-proliferative effect of eight ethanolic extracts from soft corals on human leukemia cell line HL-60. <i>Journal of Chitin and Chitosan</i> , 2016, 21, 261-266. | 0.1 | 4 |
| 59 | Antiproliferative and apoptosis-inducing potential of 3β -hydroxy- 5α -steroidal congeners purified from the soft coral <i>Dendronephthya putteri</i> . <i>Journal of Oceanology and Limnology</i> , 2019, 37, 1382-1392. | 0.6 | 3 |
| 60 | Sargachromenol Isolated from <i>Sargassum horneri</i> Inhibits Particulate Matter-Induced Inflammation in Macrophages through Toll-like Receptor-Mediated Cell Signaling Pathways. <i>Marine Drugs</i> , 2022, 20, 28. | 2.2 | 3 |
| 61 | 3-Hydroxy-5,6-epoxy- β -ionone Isolated from Invasive Harmful Brown Seaweed <i>Sargassum Horneri</i> Protects MH-S Mouse Lung Cells from Urban Particulate Matter-Induced Inflammation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10929. | 1.3 | 2 |
| 62 | Preliminary screening of two marine algae and sea grass harvested from Sri Lankan waters against the LPS-induced inflammatory responses in RAW 264.7 macrophages and in vivo zebrafish embryo model. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2018, 46, 117. | 0.1 | 1 |
| 63 | Effect of Chitosan on Growth Parameters of Rootstock and Grafting Success of Jack Fruit (<i>Artocarpus heterophyllus</i>) Variety Father Long. <i>International Journal of Scientific and Research Publications</i> , 2019, 9, p8973. | 0.0 | 0 |