

# K K Asanka Sanjeewa

## List of Publications by Year in descending order

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63  
papers

2,226  
citations

201385

27  
h-index

233125

45  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2030  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	<i>Sargassum horneri</i> ethanol extract ameliorates TNF- $\alpha$ /IFN- $\beta$ -induced inflammation in human keratinocytes and TPA-induced ear edema in mice. <i>Food Bioscience</i> , 2021, 39, 100831.	2.0	10
3	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
4	Lipid Inhibitory Effect of ( $\delta^7$ )-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
5	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
6	Fucoidans as Scientifically and Commercially Important Algal Polysaccharides. <i>Marine Drugs</i> , 2021, 19, 284.	2.2	11
7	Loliolide, isolated from <i>Sargassum horneri</i> ; abate LPS-induced inflammation via TLR mediated NF- $\kappa$ B, MAPK pathways in macrophages. <i>Algal Research</i> , 2021, 56, 102297.	2.4	14
8	( $\delta^7$ )-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
9	In Vitro and In Vivo Photoprotective Effects of (-)-Loliolide Isolated from the Brown Seaweed, <i>Sargassum horneri</i> . <i>Molecules</i> , 2021, 26, 6898.	1.7	5
10	3-Hydroxy-5,6-epoxy- $\beta$ -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
11	<i>Sargassum horneri</i> (Turner) inhibit urban particulate matter-induced inflammation in MH-S lung macrophages via blocking TLRs mediated NF- $\kappa$ B and MAPK activation. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112363.	2.0	45
12	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
13	<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
14	Anti-Inflammatory Effects of Sulfated Polysaccharide from <i>Sargassum swartzii</i> in Macrophages via Blocking TLR/NF- $\kappa$ B Signal Transduction. <i>Marine Drugs</i> , 2020, 18, 601.	2.2	40
15	Particulate Matter-Induced Inflammation/Oxidative Stress in Macrophages: Fucosterol from <i>Padina boryana</i> as a Potent Protector, Activated via NF- $\kappa$ B/MAPK Pathways and Nrf2/HO-1 Involvement. <i>Marine Drugs</i> , 2020, 18, 628.	2.2	19
16	Alginic 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
17	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
18	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

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19	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
20	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
21	<i>Padina boryana</i> , a brown alga from the Maldives: inhibition of $\alpha$ -MSH-stimulated melanogenesis via the activation of ERK in B16F10 cells. <i>Fisheries and Aquatic Sciences</i> , 2020, 23, .	0.3	8
22	Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- $\kappa$ B Signal Transduction. <i>Biomolecules</i> , 2020, 10, 511.	1.8	23
23	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
24	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
25	Fucoidan isolated from <i>Padina commersonii</i> inhibit LPS-induced inflammation in macrophages blocking TLR/NF- $\kappa$ B signal pathway. <i>Carbohydrate Polymers</i> , 2019, 224, 115195.	5.1	65
26	Fucoidan isolated from invasive <i>Sargassum horneri</i> inhibit LPS-induced inflammation via blocking NF- $\kappa$ B and MAPK pathways. <i>Algal Research</i> , 2019, 41, 101561.	2.4	43
27	<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- $\kappa$ 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
28	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
29	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
30	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
31	Antiproliferative and apoptosis-inducing potential of $3\beta$ -hydroxy- $\Delta^5$ -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
32	The protective effect of <i>Sargassum horneri</i> against particulate matter-induced inflammation in lung tissues of an in vivo mouse asthma model. <i>Food and Function</i> , 2019, 10, 7995-8004.	2.1	16
33	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
34	<i>Ecklonia cava</i> (Laminariales) and <i>Sargassum horneri</i> (Fucales) synergistically inhibit the lipopolysaccharide-induced inflammation via blocking NF- $\kappa$ B and MAPK pathways. <i>Algae</i> , 2019, 34, 45-56.	0.9	25
35	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
36	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

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37	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
38	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
39	Apoptotic and antiproliferative properties of 3 $\beta$ -hydroxy $\Delta^5$ -steroidal congeners from a partially purified column fraction of <i>Dendronephthya gigantea</i> against HL60 and MCF7 cancer cells. <i>Journal of Applied Toxicology</i> , 2018, 38, 527-536.	1.4	25
40	Reduction of heavy metal (Pb <sup>2+</sup> ) 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
41	Nutrients and bioactive potentials of edible green and red seaweed in Korea. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.3	39
42	Soft corals collected from Jeju Island inhibits the $\beta$ -MSH-induced melanogenesis in B16F10 cells through activation of ERK. <i>Fisheries and Aquatic Sciences</i> , 2018, 21, .	0.3	4
43	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
44	<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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	Inhibition of inflammatory responses elicited by urban fine dust particles in keratinocytes and macrophages by diploretrohydroxycarmalol isolated from a brown alga <i>Ishige okamurae</i> . <i>Algae</i> , 2017, 32, 261-273.	0.9	47
59	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
60	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
61	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
62	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
63	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