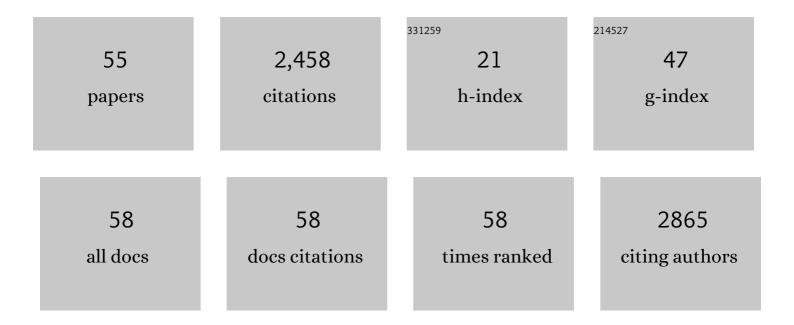
Ravigadevi Sambanthamurthi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Water-soluble palm fruit extract: composition, biological properties, and molecular mechanisms for health and non-health applications. Critical Reviews in Food Science and Nutrition, 2022, 62, 9076-9092.	5.4	3
2	Protoplast Isolation and Transformation in Oil. Methods in Molecular Biology, 2022, 2464, 187-202.	0.4	4
3	Candidate genes linked to QTL regions associated with fatty acid composition in oil palm. Biologia (Poland), 2021, 76, 267-279.	0.8	4
4	Comparison of quantitative trait loci (QTLs) associated with yield components in two commercial Dura × Pisifera breeding crosses. Euphytica, 2021, 217, 1.	0.6	3
5	A genetic platform for predicting and reducing non-tenera contamination in oil palm (Elaeis) Tj ETQq1 1 0.78431	4 rgBT /O	verlock 10 Tf
6	Characterization of Oil Palm Acyl-CoA-Binding Proteins and Correlation of Their Gene Expression with Oil Synthesis. Plant and Cell Physiology, 2020, 61, 735-747.	1.5	14
7	Variation for heterodimerization and nuclear localization among known and novel oil palm SHELL alleles. New Phytologist, 2020, 226, 426-440.	3.5	11
8	Expression of fatty acid and triacylglycerol synthesis genes in interspecific hybrids of oil palm. Scientific Reports, 2020, 10, 16296.	1.6	4
9	Identification of reference genes for real-time polymerase chain reaction gene expression studies in Nile rats fed Water-Soluble Palm Fruit Extract. Molecular Biology Reports, 2020, 47, 9409-9427.	1.0	2
10	Consumption of an Oil Palm Fruit Extract Promotes Large Bowel Health in Rats. Nutrients, 2020, 12, 644.	1.7	2
11	Sustainable Palm Oil—The Role of Screening and Advanced Analytical Techniques for Geographical Traceability and Authenticity Verification. Molecules, 2020, 25, 2927.	1.7	8
12	Omics—A Potential Tool for Oil Palm Improvement and Productivity. Compendium of Plant Genomes, 2020, , 141-157.	0.3	1
13	Oil Palm Genome: Strategies and Applications. Compendium of Plant Genomes, 2020, , 83-115.	0.3	2
14	Palm Fruit Bioactives augment expression of Tyrosine Hydroxylase in the Nile Grass Rat basal ganglia and alter the colonic microbiome. Scientific Reports, 2019, 9, 18625.	1.6	7
15	Drosophila larvae fed palm fruit juice (PFJ) delay pupation via expression regulation of hormetic stress response genes linked to ageing and longevity. Experimental Gerontology, 2018, 106, 198-221.	1.2	13
16	Palm Fruit Bioactives modulate human astrocyte activity in vitro altering the cytokine secretome reducing levels of TNFα, RANTES and IP-10. Scientific Reports, 2018, 8, 16423.	1.6	17
17	Putative regulatory candidate genes for QTL linked to fruit traits in oil palm (Elaeis guineensis Jacq.). Euphytica, 2018, 214, 1.	0.6	6
18	A phase I single-blind clinical trial to evaluate the safety of oil palm phenolics (OPP) supplementation in healthy volunteers. Scientific Reports, 2018, 8, 8217.	1.6	9

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#	Article	IF	CITATIONS
19	Oil Palm Phenolics Inhibit the <i>In Vitro</i> Aggregation of <i>β</i> Amyloid Peptide into Oligomeric Complexes. International Journal of Alzheimer's Disease, 2018, 2018, 1-12.	1.1	14
20	Comparative genomic and transcriptomic analysis of selected fatty acid biosynthesis genes and CNL disease resistance genes in oil palm. PLoS ONE, 2018, 13, e0194792.	1.1	16
21	Evidence-based gene models for structural and functional annotations of the oil palm genome. Biology Direct, 2017, 12, 21.	1.9	24
22	Non-tenera Contamination and the Economic Impact of SHELL Genetic Testing in the Malaysian Independent Oil Palm Industry. Frontiers in Plant Science, 2016, 7, 771.	1.7	26
23	Fine-mapping and cross-validation of QTLs linked to fatty acid composition in multiple independent interspecific crosses of oil palm. BMC Genomics, 2016, 17, 289.	1.2	32
24	Hepatic transcriptome implications for palm fruit juice deterrence of type 2 diabetes mellitus in young male Nile rats. Genes and Nutrition, 2016, 11, 29.	1.2	17
25	Biotechnology of oil palm: strategies towards manipulation of lipid content and composition. Plant Cell Reports, 2015, 34, 533-543.	2.8	45
26	Effect of oil palm phenolics on gastrointestinal transit, contractility and motility in the rat. Journal of Functional Foods, 2015, 17, 928-937.	1.6	9
27	Loss of Karma transposon methylation underlies theÂmantled somaclonal variant of oil palm. Nature, 2015, 525, 533-537.	13.7	405
28	Efficient Transformation of Oil Palm Protoplasts by PEG-Mediated Transfection and DNA Microinjection. PLoS ONE, 2014, 9, e96831.	1.1	95
29	Anti-diabetic effects of palm fruit juice in the Nile rat (<i>Arvicanthis niloticus</i>). Journal of Nutritional Science, 2014, 3, e5.	0.7	27
30	High density SNP and SSR-based genetic maps of two independent oil palm hybrids. BMC Genomics, 2014, 15, 309.	1.2	70
31	The oil palm VIRESCENS gene controls fruit colour and encodes a R2R3-MYB. Nature Communications, 2014, 5, 4106.	5.8	67
32	Oil palm phenolics and vitamin E reduce atherosclerosis in rabbits. Journal of Functional Foods, 2014, 7, 541-550.	1.6	37
33	The oil palm SHELL gene controls oil yield and encodes a homologue of SEEDSTICK. Nature, 2013, 500, 340-344.	13.7	167
34	Oil palm phenolics attenuate changes caused by an atherogenic diet in mice. European Journal of Nutrition, 2013, 52, 443-456.	1.8	17
35	Regeneration of viable oil palm plants from protoplasts by optimizing media components, growth regulators and cultivation procedures. Plant Science, 2013, 210, 118-127.	1.7	26
36	Gene Expression Changes in Spleens and Livers of Tumour-Bearing Mice Suggest Delayed Inflammation and Attenuated Cachexia in Response to Oil Palm Phenolics. Journal of Nutrigenetics and Nutrigenomics, 2013, 6, 305-326.	1.8	9

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37	Oil palm phenolics confer neuroprotective effects involving cognitive and motor functions in mice. Nutritional Neuroscience, 2013, 16, 207-217.	1.5	24
38	Oil palm genome sequence reveals divergence of interfertile species in Old and New worlds. Nature, 2013, 500, 335-339.	13.7	468
39	Tissue Culture and Genetic Engineering of Oil Palm. , 2012, , 87-135.		8
40	Modelling lipid biosynthesis pathways of oil palm by boolean and graphical approaches. , 2011, , .		0
41	Differential transcriptomic profiles effected by oil palm phenolics indicate novel health outcomes. BMC Genomics, 2011, 12, 432.	1.2	20
42	Positive outcomes of oil palm phenolics on degenerative diseases in animal models. British Journal of Nutrition, 2011, 106, 1664-1675.	1.2	29
43	Oil palm vegetation liquor: a new source of phenolic bioactives. British Journal of Nutrition, 2011, 106, 1655-1663.	1.2	57
44	Opportunities for the Oil Palm via Breeding and Biotechnology. , 2009, , 377-421.		18
45	Valorisation of palm by-products as functional components. European Journal of Lipid Science and Technology, 2007, 109, 380-393.	1.0	53
46	Antioxidant properties of palm fruit extracts. Asia Pacific Journal of Clinical Nutrition, 2005, 14, 319-24.	0.3	25
47	Palm fruit chemistry and nutrition. Asia Pacific Journal of Clinical Nutrition, 2003, 12, 355-62.	0.3	150
48	Chemistry and biochemistry of palm oil. Progress in Lipid Research, 2000, 39, 507-558.	5.3	298
49	Acetyl-CoA Carboxylase Activity in the Oil Palm. , 1997, , 26-28.		1
50	Oil palm (Elaeis guineensis) protoplasts: isolation, culture and microcallus formation. Plant Cell, Tissue and Organ Culture, 1996, 46, 35-41.	1.2	14
51	Factors Affecting Lipase Activity in the Oil Palm (Elaeis Guineensis) Mesocarp. , 1995, , 555-557.		7
52	Towards Genetic Engineering of Oil Palm (Elaeis guineensis Jacq.). , 1995, , 570-572.		14
53	Effects of mesocarp bruising on the rate of free fatty acid release in oil palm fruits. International Biodeterioration and Biodegradation, 1993, 31, 65-70.	1.9	12
54	Chilling-induced Lipid Hydrolysis in the Oil Palm (Elaeis guineensis) Mesocarp. Journal of Experimental Botany, 1991, 42, 1199-1205.	2.4	30

#	Article	IF	CITATIONS
55	Lipid metabolism in oil palm (Elaeis guineensis and Elaeis oleifera) protoplasts. Plant Science, 1987, 51, 97-103.	1.7	12