

Leenawaty Limantara

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simultaneous purification of fucoxanthin isomers from brown seaweeds by open-column and high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1193, 123166.	2.3	2
2	Carotenoid composition in buah merah (<i>Pandanus conoideus</i> Lam.), an indigenous red fruit of the Papua Islands. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103722.	3.9	8
3	Recent exploration of bioactive pigments from marine bacteria. <i>ScienceAsia</i> , 2021, 47, 265.	0.5	1
4	Visible Light-Induced Antibacterial Activity of Pigments Extracted from Dregs of Green and Black Teas. <i>Scientifica</i> , 2021, 2021, 1-12.	1.7	4
5	Structures of Astaxanthin and Their Consequences for Therapeutic Application. <i>International Journal of Food Science</i> , 2020, 2020, 1-16.	2.0	75
6	Evaluating Provitamin A Carotenoids and Polar Metabolite Compositions during the Ripening Stages of the Agung Semeru Banana (<i>Musa paradisiaca</i> L. AAB). <i>International Journal of Food Science</i> , 2020, 2020, 1-9.	2.0	2
7	Humansâ€™ Body Immunity and Natural Pigments. <i>Indonesian Journal of Natural Pigments</i> , 2020, 2, 26.	0.4	0
8	Color Alteration of Encapsulated Beetroot (<i>Beta vulgaris</i> L.) Extract Upon Dissolving in Various pH Treatment. <i>Indonesian Journal of Natural Pigments</i> , 2020, 2, 48.	0.4	1
9	Thermal Degradation Kinetics of Encapsulated Palm Carotenes Using Different Combination of Wall Materials. <i>Indonesian Journal of Natural Pigments</i> , 2020, 2, 21.	0.4	1
10	Economically Potential Pigments from Marine Blue-Green Algae for the Application in Food and Health. <i>Indonesian Journal of Natural Pigments</i> , 2019, 1, 37.	0.4	2
11	Carotenoid Analysis of Ripe Banana Flesh and Peel from Three Cultivars of Banana. <i>Indonesian Journal of Natural Pigments</i> , 2019, 1, 60.	0.4	3
12	The Effects of Steaming on Color and Carotenoid Absorption Spectra of Orange-, Yellow- and Purple-Fleshed Sweet Potatoes (<i>Ipomoea batatas</i> (L.) Lamb.). <i>Indonesian Journal of Natural Pigments</i> , 2019, 1, 42.	0.4	0
13	Isolation, Encapsulation, Stability and Characteristics of Thylakoid from Suji Leaves (<i>Pleomele</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	1
14	Ragam Metode Ekstraksi Karotenoid dari Sumber Tumbuhan dalam Dekade Terakhir (Telaah Literatur). <i>Jurnal Rekayasa Kimia & Lingkungan</i> , 2018, 13, 40-50.	0.3	8
15	Pengaruh Metode Nanoenkapsulasi terhadap Stabilitas Pigmen Karotenoid dan Umur Simpan Minyak dari Buah Merah (<i>Pandanus conoideus</i> L.). <i>Agritech</i> , 2018, 37, 369.	0.1	0
16	HYPOCHOLESTEROLEMIC EFFECT AND PIGMENTS COMPOSITION OF HERBAL MEDICINE CONTAINING HIGHER AND LOWER PLANTS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017, 9, 97.	0.3	0
17	MIKROENKAPSULASI PIGMEN DARI KUBIS MERAH: STUDI INTENSITAS WARNA DAN AKTIVITAS ANTIOKSIDAN. <i>Jurnal Teknologi Dan Industri Pangan</i> , 2017, 28, 1-9.	0.3	4
18	Encapsulation, Properties, and Thermal Study of Red Biocolorant from Selected Plants Obtained Through Physical Extraction. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2017, 8, 371-376.	0.3	0

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19	Microencapsulation of Kabocha Pumpkin Carotenoids. International Journal of Chemical Engineering and Applications (IJCEA), 2017, 8, 381-386.	0.3	2
20	Artificial neural network model for photosynthetic pigments identification using multi wavelength chromatographic data. AIP Conference Proceedings, 2016, , .	0.4	0
21	Karakterisasi Antosianin Buah Murbei Spesies Morus alba dan Morus cathayana di Indonesia. Natural Science Journal of Science and Technology, 2016, 5, .	0.2	0
22	The Photosensitizer Stabilities of TookadÂ® on Aggregation, Acidification, and Day-light Irradiation. Procedia Chemistry, 2015, 14, 474-483.	0.7	6
23	Stability of Palm Carotenes in an Organic Solvent and in a Food Emulsion System. International Journal of Food Properties, 2015, 18, 2539-2548.	3.0	5
24	Composition of Photosynthetic Pigments in a Red Alga Kappaphycus Alvarezii Cultivated in Different Depths. Procedia Chemistry, 2015, 14, 193-201.	0.7	19
25	Separation of Photosynthetic Pigments by High-performance Liquid Chromatography: Comparison of Column Performance, Mobile Phase, and Temperature. Procedia Chemistry, 2015, 14, 202-210.	0.7	12
26	Identification, Isolation and Antioxidant Activity of Pheophytin from Green Tea (Camellia Sinensis (L.)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	28
27	Analysis on the Chlorophyll Content of Commercial Green Leafy Vegetables. Procedia Chemistry, 2015, 14, 225-231.	0.7	67
28	Encapsulation of Brown Seaweed Pigment by Freeze Drying: Characterization and its Stability during Storage. Procedia Chemistry, 2015, 14, 353-360.	0.7	46
29	Adaptation of the Photosynthetic Unit of Purple Bacteria to Changes of Light Illumination Intensities. Procedia Chemistry, 2015, 14, 414-421.	0.7	12
30	Automatic leaf color level determination for need based fertilizer using fuzzy logic on mobile application: A model for soybean leaves. , 2014, , .		3
31	Probabilistic classification method on multi wavelength chromatographic data for photosynthetic pigments identification. , 2014, , .		1
32	Reconstitution Approach to Tune Spectral Features of Light Harvesting Complexes for Improved Light Absorption and Energy Transfer. Energy Procedia, 2014, 47, 113-122.	1.8	1
33	Exploration, Isolation and Quantification of Î²-carotene from Bacterial Symbion of Acropora sp.. Microbiology Indonesia, 2014, 8, 58-64.	0.3	3
34	Rapid nitrogen determination of soybean leaves using mobile application. , 2013, , .		6
35	Ball lens hollow fiber Raman probe and Fourier transform infrared applied for studying non-clinic samples colorectal tumor models. Proceedings of SPIE, 2013, , .	0.8	1
36	Estimasi Produk Degradasi Ekstrak Kasar Pigmen Alga Merah Kappaphycus alvarezii (Doty) Doty Varian Merah, Coklat, dan Hijau: Telaah Perbedaan Spektrum Serapan. Ilmu Kelautan: Indonesian Journal of Marine Sciences, 2012, 17, 31.	0.4	0

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37	Efek Beta Karoten dan Agregasi Klorofil Pada Fotostabilitas Klorofil a dalam Pelarut Aseton. Jurnal Natur Indonesia, 2012, 11, 115.	0.1	0
38	Analisis Komposisi dan Kandungan Karotenoid Total dan Vitamin A Fraksi Cair dan Padat Minyak Sawit Kasar (CPO) Menggunakan KCKT Detektor PDA. Jurnal Natur Indonesia, 2012, 10, 89.	0.1	1
39	Fotoproteksi Kurkumin terhadap β -Karoten pada Berbagai Nisbah Molar serta Aktivitas Antioksidannya. Jurnal Natur Indonesia, 2012, 12, 1.	0.1	0
40	PHOTOSTABILITY OF BACTERIOCHLOROPHYLL <i>a</i> AND ITS DERIVATIVES AS POTENTIAL SENSITIZERS FOR PHOTODYNAMIC CANCER THERAPY: THE STUDY ON ACETONE-WATER AND METHANOL-WATER SOLVENTS. Indonesian Journal of Chemistry, 2011, 11, 154-162.	0.8	4
41	KOMPOSISI DAN KANDUNGAN PIGMEN UTAMA TUMBUHAN TALIPUTRI <i>Cuscuta australis</i> R.Br. DAN <i>Cassytha filiformis</i> L. Makara Seri Sains, 2010, 10, .	0.0	0
42	Energies and excited-state dynamics of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 1 \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle B \langle \text{mml:mrow} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:msubsup} \rangle \langle \text{mml:m$	2.6	4
43	THE ISOMERIZATION AND OXIDATION OF CAROTENOID COMPOUNDS IN THE OIL PALM FRUIT DURING PRODUCTIONS OF CPO. Indonesian Journal of Chemistry, 2009, 9, 48-53.	0.8	1
44	COORDINATION STATE AND AGGREGATION PROCESS OF BACTERIOCHLOROPHYLL A AND ITS DERIVATIVES : STUDY ON ACETONE-WATER AND METHANOL-WATER SOLVENTS. Indonesian Journal of Chemistry, 2009, 9, 113-122.	0.8	0
45	PHOTODYNAMIC THERAPY: NEW LIGHT IN MEDICINE WORLD. Indonesian Journal of Chemistry, 2008, 8, 279-291.	0.8	7
46	PHOTODEGRADATION AND ANTIOXIDANT ACTIVITY OF CHLOROPHYLL <i>a</i> FROM SPIRULINA (<i>Spirulina sp.</i>) POWDER. Indonesian Journal of Chemistry, 2008, 8, 236-241.	0.8	1
47	Photostability of Bacteriochlorophyll a and Derivatives: Potential Sensitizers for Photodynamic Tumor Therapy. Photochemistry and Photobiology, 2006, 82, 770.	2.5	50
48	Effects of Axial Coordination, Electronic Excitation and Oxidation on Bond Orders in the Bacteriochlorin Macrocycle, and Generation of Radical Cation on Photo- Excitation of in vitro and in vivo Bacteriochlorophyll a Aggregates: Resonance Raman Studies. , 2006, , 323-335.		2
49	THE COMPOSITION AND THE CONTENT OF PIGMENTS FROM SOME DYEING PLANT FOR IKAT WEAVING IN TIMORRESE REGENCY, EAST NUSA TENGGARA. Indonesian Journal of Chemistry, 2006, 6, 325-331.	0.8	5
50	Localized Excitations on the B850a and B850b Bacteriochlorophylls in the LH2 Antenna Complex from <i>Rhodospirillum rubrum</i> As Probed by the Shifts of the Carotenoid Absorption. Journal of Physical Chemistry B, 2001, 105, 7312-7322.	2.6	9
51	Changes in Carbon- 13 C and Carbon- 15 N Nitrogen Stretching Force Constants in the Macrocycles of Bacteriochlorophyll a and Bacteriopheophytin upon Triplet and Singlet Excitation: A Resonance-Raman Spectroscopy and Normal-Coordinate Analysis of the Unlabeled and Totally ^{15}N -, ^{13}C -, and ^2H -Labeled Species. Journal of Physical Chemistry B, 2000, 104, 8308-8320.	2.6	10
52	Transient Raman Spectroscopy of Isotope-Substituted Species of Bacteriochlorophyll a, Bacteriopheophytin a And Chlorophyll a: Changes in the Bond Orders in the Macrocycles Upon Triplet and Singlet Excitation. Laser Chemistry, 1999, 19, 187-190.	0.5	1
53	Effects of singlet and triplet excitation, oxidation and axial coordination on the bond orders in the macrocycle of bacteriochlorophyll a as revealed by resonance Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1127-1139.	3.9	13
54	Generation of Triplet and Cation-Radical Bacteriochlorophyll a in Carotenoidless LH1 and LH2 Antenna Complexes from <i>Rhodobacter sphaeroides</i> . Biochemistry, 1998, 37, 17469-17486.	2.5	36

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55	Effects of Nonpolar and Polar Solvents on the Q _x and Q _y Energies of Bacteriochlorophyll a and Bacteriopheophytin a. <i>Photochemistry and Photobiology</i> , 1997, 65, 330-337.	2.5	44
56	Aggregation forms of 8-ethyl-12-ethyl farnesyl bacteriochlorophyll c in methanol-chloroform mixtures as revealed by ¹ H NMR spectroscopy. <i>Journal of Molecular Structure</i> , 1996, 379, 249-265.	3.6	23
57	The T1 and S1 raman spectra of ¹⁵ N- and ² H-enriched bacteriochlorophyll a: changes in bond order upon triplet and singlet excitation. <i>Chemical Physics Letters</i> , 1996, 262, 656-662.	2.6	6
58	Solvent Effects on the Resonance Raman and Electronic Absorption Spectra of Bacteriochlorophylla Cation Radical. <i>The Journal of Physical Chemistry</i> , 1996, 100, 2422-2429.	2.9	12
59	The environment of the four nitrogen atoms of bacteriochlorophyll a in solutions as revealed by ¹⁵ N NMR spectroscopy. <i>Chemical Physics Letters</i> , 1995, 236, 71-77.	2.6	7
60	Solvent effects on the resonance Raman spectra of bacteriochlorophyll a cation radical. <i>Chemical Physics Letters</i> , 1995, 236, 413-418.	2.6	4
61	Transient Raman spectroscopy of ¹⁵ N-substituted bacteriochlorophyll a. An empirical assignment of T1 Raman lines. <i>Chemical Physics Letters</i> , 1994, 227, 617-622.	2.6	9
62	SOLVENT EFFECTS ON TRIPLET-STATE BACTERIOCHLOROPHYLL a AS DETECTED BY TRANSIENT RAMAN SPECTROSCOPY AND THE ENVIRONMENT OF BACTERIOCHLOROPHYLL a IN THE LIGHT-HARVESTING COMPLEX OF <i>Rhodobacter sphaeroides</i> R26. <i>Photochemistry and Photobiology</i> , 1994, 59, 229-236.	2.5	16
63	Chloroplast Pigments: Structure, Function, Assembly and Characterization. , 0, , .		7
64	Effect of drying treatments on the contents of lutein and zeaxanthin in orange- and yellow-cultivars of marigold flower and its application for lutein ester encapsulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 509, 012060.	0.6	6
65	Remnant photosynthetic pigments in tea dregs: identification, composition, and potential use as antibacterial photosensitizer. <i>Potravinarstvo</i> , 0, 15, 835-845.	0.6	0