

Raymond Rubianto Tjandrawinata

List of Publications by Year in descending order

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101
papers

1,866
citations

331538

21
h-index

289141

40
g-index

101
all docs

101
docs citations

101
times ranked

2184
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of cyclo-oxygenase-2 mRNA by prostaglandin E2 in human prostatic carcinoma cells. <i>British Journal of Cancer</i> , 1997, 75, 1111-1118.	2.9	196
2	Olive (<i>Olea europaea</i>) leaf extract effective in patients with stage-1 hypertension: Comparison with Captopril. <i>Phytomedicine</i> , 2011, 18, 251-258.	2.3	192
3	Fatty acid regulates gene expression and growth of human prostate cancer PC-3 cells. <i>Carcinogenesis</i> , 2001, 22, 701-707.	1.3	124
4	Up-Regulation of Cyclooxygenase-2 by Product-Prostaglandin E2. <i>Advances in Experimental Medicine and Biology</i> , 1997, 407, 163-170.	0.8	76
5	Extraction of bioactive components from <i>Centella asiatica</i> using subcritical water. <i>Journal of Supercritical Fluids</i> , 2009, 48, 211-216.	1.6	72
6	Physicochemical and mechanical properties of paracetamol cocrystal with 5-nitroisophthalic acid. <i>International Journal of Pharmaceutics</i> , 2016, 497, 106-113.	2.6	68
7	Vibrational force alters mRNA expression in osteoblasts. <i>FASEB Journal</i> , 1997, 11, 493-497.	0.2	65
8	Arachidonic acid, an omega-6 fatty acid, induces cytoplasmic phospholipase A 2 in prostate carcinoma cells. <i>Carcinogenesis</i> , 2005, 26, 1520-1526.	1.3	61
9	Preparation of bitter taste masked cetirizine dihydrochloride/ β -cyclodextrin inclusion complex by supercritical antisolvent (SAS) process. <i>Journal of Supercritical Fluids</i> , 2010, 55, 348-357.	1.6	60
10	Optimization and scale-up process for supercritical fluids extraction of ginger oil from <i>Zingiber officinale</i> var. <i>Amarum</i> . <i>Journal of Supercritical Fluids</i> , 2017, 120, 285-294.	1.6	55
11	Micronization of fenofibrate by rapid expansion of supercritical solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 54-60.	2.9	37
12	Supercritical CO2 extraction of candlenut oil: process optimization using Taguchi orthogonal array and physicochemical properties of the oil. <i>Journal of Food Science and Technology</i> , 2017, 54, 1286-1292.	1.4	33
13	Induction of cellular apoptosis in human breast cancer by DLBS1425, a <i>Phaleria macrocarpa</i> compound extract, via down-regulation of PI3-kinase/AKT pathway. <i>Cancer Biology and Therapy</i> , 2010, 10, 814-823.	1.5	32
14	Optimizing oil and xanthorrhizol extraction from <i>Curcuma xanthorrhiza</i> Roxb. rhizome by supercritical carbon dioxide. <i>Journal of Food Science and Technology</i> , 2014, 51, 2197-2203.	1.4	29
15	DLBS1425, a <i>Phaleria macrocarpa</i> (Scheff.) Boerl. extract confers anti proliferative and proapoptosis effects via eicosanoid pathway. <i>Journal of Experimental Therapeutics and Oncology</i> , 2010, 8, 187-201.	0.5	29
16	DLBS1033, A Protein Extract from <i>Lumbricus rubellus</i> , Possesses Antithrombotic and Thrombolytic Activities. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	28
17	Symptomatic treatment of premenstrual syndrome and/or primary dysmenorrhea with DLBS1442, a bioactive extract of <i>Phaleria macrocarpa</i> . <i>International Journal of General Medicine</i> , 2011, 4, 465.	0.8	27
18	Supercritical fluid carbon dioxide extraction of <i>Nigella sativa</i> (black cumin) seeds using taguchi method and full factorial design. <i>Biochemical Compounds</i> , 2013, 1, 1.	0.7	27

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19	Lectins from the Edible Mushroom <i>Agaricus bisporus</i> and Their Therapeutic Potentials. <i>Molecules</i> , 2020, 25, 2368.	1.7	25
20	Glucose-lowering effect of DLBS3233 is mediated through phosphorylation of tyrosine and upregulation of PPAR γ ; and GLUT4 expression. <i>International Journal of General Medicine</i> , 2011, 4, 345.	0.8	23
21	Pharmaceutical Salts of Carvedilol: Polymorphism and Physicochemical Properties. <i>AAPS PharmSciTech</i> , 2017, 18, 1417-1425.	1.5	23
22	Symptomatic treatment of acute tonsillo-pharyngitis patients with a combination of <i>Nigella sativa</i> and <i>Phyllanthus niruri</i> extract. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2008, 46, 295-306.	0.3	22
23	The light subunit of mushroom <i>Agaricus bisporus</i> tyrosinase: Its biological characteristics and implications. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 308-314.	3.6	22
24	Selective putrescine export is regulated by insulin and ornithine in Reuber H35 hepatoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1222, 15-26.	1.9	21
25	Biosynthesis and selective export of 1,5-diaminopentane (cadaverine) in mycoplasma-free cultured mammalian cells.. <i>Journal of Biological Chemistry</i> , 1994, 269, 7412-7418.	1.6	20
26	Anti-inflammatory, antiangiogenic, and apoptosis-inducing activity of DLBS1442, a bioactive fraction of <i>Phaleria macrocarpa</i> , in a RL95-2 cell line as a molecular model of endometriosis. <i>International Journal of Women's Health</i> , 2015, 7, 161.	1.1	19
27	Potential effect of striatin (DLBS0333), a bioactive protein fraction isolated from <i>Channa striata</i> for wound treatment. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016, 6, 1001-1007.	0.5	19
28	Characterization of putrescine and cadaverine export in mammalian cells. <i>Biochemical Pharmacology</i> , 1994, 48, 2237-2249.	2.0	18
29	Supercritical anti-solvent (SAS) micronization of <i>Manilkara kauki</i> bioactive fraction (DLBS2347). <i>Journal of CO2 Utilization</i> , 2013, 3-4, 30-36.	3.3	17
30	A novel immune-tolerable and permeable lectin-like protein from mushroom <i>Agaricus bisporus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 1090-1093.	1.0	16
31	Development of orodispersible films with selected Indonesian medicinal plant extracts. <i>Journal of Herbal Medicine</i> , 2017, 7, 37-46.	1.0	16
32	Thrombus Degradation by Fibrinolytic Enzyme of <i>Stenotrophomonas</i> sp. Originated from Indonesian Soybean-Based Fermented Food on Wistar Rats. <i>Advances in Pharmacological Sciences</i> , 2016, 2016, 1-9.	3.7	15
33	Bioactive protein fraction DLBS1033 containing lumbrokinase isolated from <i>Lumbricus rubellus</i> : ex vivo, in vivo, and pharmaceutic studies. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1585.	2.0	14
34	In Silico Study to Develop a Lectin-Like Protein from Mushroom <i>Agaricus bisporus</i> for Pharmaceutical Application. <i>Scientia Pharmaceutica</i> , 2016, 84, 203-217.	0.7	14
35	Co-delivery of curcumin-loaded nanoemulsion and <i>Phaleria macrocarpa</i> extract to NIH 3T3 cell for antifibrosis. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 123-130.	1.4	14
36	Orf239342 from the mushroom <i>Agaricus bisporus</i> is a mannose binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 99-103.	1.0	14

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37	Green isolation and physical modification of pineapple stem waste starch as pharmaceutical excipient. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1029-1037.	0.9	13
38	Single dose pharmacokinetic equivalence study of two gabapentin preparations in healthy subjects. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1249.	2.0	12
39	A ROLE FOR PHALERIA MACROCARPA (SCHEFF) BOERL. EXTRACTS IN THE MANAGEMENT OF WOMEN'S PATHOLOGICAL CONDITIONS: A RESEARCH REVIEW. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017, 9, 7.	0.3	12
40	Hydrogen potassium adenosine triphosphatase activity inhibition and downregulation of its expression by bioactive fraction DLBS2411 from <i>Cinnamomum burmannii</i> in gastric parietal cells. <i>International Journal of General Medicine</i> , 2013, 6, 807.	0.8	11
41	Molecular effects of bioactive fraction of <i>Curcuma mangga</i> (DLBS4847) as a downregulator of 5 α -reductase activity pathways in prostatic epithelial cells. <i>Cancer Management and Research</i> , 2014, 6, 267.	0.9	11
42	Pharmacokinetic equivalence study of nonsteroidal anti-inflammatory drug etoricoxib. <i>Clinical Pharmacology: Advances and Applications</i> , 2018, Volume 10, 43-51.	0.8	10
43	Insulin sensitizer in prediabetes: a clinical study with DLBS3233, a combined bioactive fraction of <i>Cinnamomum burmanii</i> and <i>Lagerstroemia speciosa</i> . <i>Drug Design, Development and Therapy</i> , 2016, 10, 1279.	2.0	9
44	Production of secondary metabolite E2.2 from <i>Phaleria macrocarpa</i> endophytic fungus. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016, 6, 881-885.	0.5	9
45	Bioactive fraction from <i>Lagerstroemia speciosa</i> leaves (DLBS3733) reduces fat droplet by inhibiting adipogenesis and lipogenesis. <i>Journal of Experimental Pharmacology</i> , 2019, Volume 11, 39-51.	1.5	9
46	Bioequivalence study of two clopidogrel film-coated tablet formulations in healthy volunteers. <i>Arzneimittelforschung</i> , 2011, 61, 681-684.	0.5	8
47	Bioequivalence study of two formulations of candesartan cilexetil tablet in healthy subjects under fasting conditions. <i>Drug Design, Development and Therapy</i> , 2013, 7, 841.	2.0	8
48	Isolation and identification of compounds from <i>Phaleria macrocarpa</i> (Scheff.) Boerl fruit extract. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 300-305.	0.5	8
49	Tacorin, an extract from <i>Ananas comosus</i> stem, stimulates wound healing by modulating the expression of tumor necrosis factor α , transforming growth factor β^2 and matrix metalloproteinase 2. <i>FEBS Open Bio</i> , 2017, 7, 1017-1025.	1.0	8
50	Molecular analysis of a fibrin-degrading enzyme from <i>Bacillus subtilis</i> K2 isolated from the Indonesian soybean-based fermented food moromi. <i>Molecular Biology Reports</i> , 2020, 47, 8553-8563.	1.0	8
51	Potential Antiaging Effects of DLBS1649, a <i>Centella asiatica</i> Bioactive Extract. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 781-795.	1.5	8
52	DLBS3233 increases glucose uptake by mediating upregulation of PPAR β and PPAR γ expression. <i>Biomedicine and Preventive Nutrition</i> , 2011, 1, 71-78.	0.9	7
53	Standardized bioactive fraction of <i>Phaleria macrocarpa</i> (Proliverenol) prevents ethanol-induced hepatotoxicity via down-regulation of NF- κ B-TNF α -caspase-8 pathway. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016, 6, 686-691.	0.5	7
54	Biological responses in Balb/c mice after long-term parenteral administration of the light subunit of mushroom tyrosinase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21958.	1.4	7

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55	Study of response of Swiss Webster mice to light subunit of mushroom tyrosinase. <i>Biotechnic and Histochemistry</i> , 2017, 92, 411-416.	0.7	7
56	Determination of Eudragit® L100 in an Enteric-Coated Tablet Formulation Using Size-Exclusion Chromatography with Charged-Aerosol Detection. <i>Scientia Pharmaceutica</i> , 2018, 86, 38.	0.7	7
57	In vitro Evaluation of the Anti-hypercholesterolemic Effect of Lactobacillus Isolates From Various Sources. <i>Frontiers in Microbiology</i> , 2022, 13, 825251.	1.5	7
58	Impact of Profitability, R&D Intensity, and Cash Flow on R&D Expenditure in Pharmaceutical Companies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
59	Bioequivalence study of two formulations of bisoprolol fumarate film-coated tablets in healthy subjects. <i>Drug Design, Development and Therapy</i> , 2012, 6, 311.	2.0	6
60	Preparation of Fenofibrate Microparticles Using Top-down and Bottom-up Processes. <i>Procedia Chemistry</i> , 2014, 9, 257-264.	0.7	6
61	DLBS3233, a combined bioactive fraction of <i>Cinnamomum burmanii</i> and <i>Lagerstroemia speciosa</i> , in type-2 diabetes mellitus patients inadequately controlled by metformin and other oral antidiabetic agents. <i>Journal of Complementary and Integrative Medicine</i> , 2016, 13, 413-420.	0.4	6
62	Trombinol, a bioactive fraction of <i>Psidium guajava</i> , stimulates thrombopoietin expression in HepG2 cells. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 437-442.	0.5	6
63	Forhidrol, a bioactive fraction of <i>Phaleria macrocarpa</i> (Scheff.) Boerl., increases reverse cholesterol transport pathway by down-regulation of cholesteryl ester transfer protein activity. <i>Journal of Biological Research (Italy)</i> , 2018, 91, .	0.0	6
64	Protective Effect of <i>Phaleria macrocarpa</i> Water Extract (Proliverenol) against Carbon Tetrachloride-Induced Liver Fibrosis in Rats: Role of TNF- α and TGF- β 1. <i>Journal of Toxicology</i> , 2018, 2018, 1-7.	1.4	6
65	Antidiabetic effect of combination of fractionated-extracts of <i>Andrographis paniculata</i> and <i>Centella asiatica</i> : In vitro study. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 527.	0.5	6
66	Application of Supercritical Fluid Extraction on Food Processing: Black-eyed Pea (<i>Vigna unguiculata</i>) and Peanut (<i>Arachis hypogaea</i>). <i>Procedia Chemistry</i> , 2014, 9, 265-272.	0.7	5
67	Inhibition of Mahkota Dewa (<i>Phaleria macrocarpa</i>) bioactive fraction on proliferation of human retinoblastoma tumor cells Y-79 through suppression of mRNA level of cyclin E. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 280-287.	0.5	5
68	<i>Agaricus bisporus</i> mannose binding protein is not an agglutinating protein. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 773-776.	1.0	5
69	DLBS3233 extract, a novel insulin sensitizer with negligible risk of hypoglycemia: A phase-I study. <i>International Journal of Diabetes and Metabolism</i> , 2012, 20, 13-12.	0.7	5
70	Bioequivalence Study of 2 Formulations of Film-coated Tablets containing a Fixed Dose Combination of Bisoprolol Fumarate 5 mg and Hydrochlorothiazide 6.25 mg in Healthy Subjects. <i>Drug Research</i> , 2013, 63, 243-249.	0.7	4
71	Cardiovascular Effects of <i>Phaleria macrocarpa</i> Extracts Combined with Mainstay FAC Regimen for Breast Cancer. <i>Cardiovascular Toxicology</i> , 2015, 15, 90-99.	1.1	4
72	A Comparative Pharmacokinetics Study of the Anti-Parkinsonian Drug Pramipexole. <i>Scientia Pharmaceutica</i> , 2016, 84, 715-723.	0.7	4

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73	SOLID-STATE PROPERTIES AND SOLUBILITY STUDIES OF NOVEL PHARMACEUTICAL COCRYSTAL OF ITRACONAZOLE. <i>International Journal of Applied Pharmaceutics</i> , 2018, 10, 97.	0.3	4
74	Bioconjugation of Captoprilâ€“Light Subunit of <i>Agaricus bisporus</i> Mushroom Tyrosinase: Characterization and Potential Use as a Drug Carrier for Oral Delivery. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1837-1842.	0.6	4
75	PROCESSING PARACETAMOL-5-NITROISOPHTHALIC ACID COCRYSTAL USING SUPERCRITICAL CO ₂ AS AN ANTI-SOLVENT. <i>International Journal of Applied Pharmaceutics</i> , 0, , 194-199.	0.3	4
76	Relationship of <i>Agaricus bisporus</i> mannose-binding protein to lectins with Î²-trefoil fold. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 1027-1032.	1.0	4
77	Co-precipitation of loperamide hydrochloride and polyethylene glycol using aerosol solvent extraction system. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1797-1803.	1.2	3
78	The Evaluation of Proton Pump Inhibitor Bioactive Fraction DLBS2411 from <i>Cinnamomum burmannii</i> (Nees & T. Nees) in Animal Model of Gastric Ulceration Healing. <i>American Journal of Pharmacology and Toxicology</i> , 2017, 12, 79-88.	0.7	3
79	Effect of DLBS1033 on Functional Outcomes for Patients with Acute Ischemic Stroke: A Randomized Controlled Trial. <i>Stroke Research and Treatment</i> , 2021, 2021, 1-9.	0.5	3
80	Antidiarrheal Effect of DLBS1Y62, a Bioactive Fraction of <i>Uncaria gambir</i> Roxb. Dried Sap Extract, in Wistar Rats. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 669-675.	1.5	3
81	Hepatoprotective activity evaluation of DLBS1433 bioactive fraction from <i>Phaleria macrocarpa</i> . <i>International Journal of Pharma and Bio Sciences</i> , 2017, 8, .	0.1	3
82	The Impact of Mergers and Acquisitions in Research-Based Pharmaceutical Companies on Productivity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
83	Toxicity studies of a bioactive protein with antithromboticâ€“thrombolytic activity, DLBS1033. <i>Drug and Chemical Toxicology</i> , 2014, 37, 8-16.	1.2	2
84	Pharmacokinetic equivalence study of two formulations of the anticonvulsant pregabalin. <i>Clinical Pharmacology: Advances and Applications</i> , 2015, 7, 69.	0.8	2
85	SUPERCRITICAL CARBON DIOXIDE EXTRACTION OF CITRONELLA OIL FROM <i>CYMBOPOGON WINTERIANUS</i> USING TAGUCHI ORTHOGONAL ARRAY DESIGN. <i>International Journal of Applied Pharmaceutics</i> , 2018, 10, 147.	0.3	2
86	Upregulation of endogenous erythropoietin expression by DLBS6747, a bioactive fraction of <i>Ipomoea batatas</i> L. leaves, via increasing HIF1 α transcription factor in HEK293 kidney cells. <i>Journal of Ethnopharmacology</i> , 2019, 235, 190-198.	2.0	2
87	Molecular docking of Subtilisin K2, a fibrin-degrading enzyme from Indonesian moromi, with its substrates. <i>Food Science and Technology</i> , 0, , .	0.8	2
88	Prediction of the Mannose-Binding Site in the <i>Agaricus bisporus</i> Mannose-Binding Protein. <i>Protein Journal</i> , 2021, 40, 554-561.	0.7	2
89	Molecular mechanism of DLBS3733, a bioactive fraction of <i>Lagerstroemia speciosa</i> (L.) Pers., on ameliorating hepatic lipid accumulation in HepG2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111937.	2.5	2
90	The Healthcare System and the Pharmaceutical Industry in Indonesia. , 2013, , 134-151.		2

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91	Simultaneous micronization and purification of bioactive fraction by supercritical antisolvent technology. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2017, 8, 52-58.	0.4	2
92	Anti-inflammatory Effect of Predimenol, A Bioactive Extract from <i>Phaleria macrocarpa</i> , through the Suppression of NF- κ B and COX-2. <i>Recent Advances in Inflammation & Allergy Drug Discovery</i> , 2022, 16, .	0.4	2
93	Sales Revenue Determinants for Generic Pharmaceutical Companies. <i>SSRN Electronic Journal</i> , 2011, , .	0.4	1
94	M&A of Generic Pharmaceutical Companies Increases Productivity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
95	Molecular identification of Indonesian-origin <i>Channa striata</i> using multiplex-PCR. <i>International Journal of Pharma and Bio Sciences</i> , 2018, 9, .	0.1	1
96	A Clinical Trial on Biological Half Life of Bioactive Protein from <i>Lumbricus rubellus</i> , DLBS1033 in Healthy Volunteers. <i>Acta Medica Indonesiana</i> , 2018, 50, 208-214.	0.9	1
97	Factors Influencing Sales Revenue in the Multinational Pharmaceutical Companies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
98	SUPERCRITICAL CARBON DIOXIDE EXTRACTION OF MANGO GINGER (<i>CURCUMA MANGGA ROXB.</i>): PROCESS OPTIMIZATION USING TAGUCHI METHOD. <i>International Journal of Applied Pharmaceutics</i> , 2019, , 152-155.	0.3	0
99	<p></p>Gastroprotective Effect of DLBS2411 Bioactive Fraction from Cinnamomum burmannii Against Ethanol-Induced Gastric Damage in Rats<p></p>. <i>Journal of Experimental Pharmacology</i> , 2020, Volume 12, 87-95.	1.5	0
100	Molecular regulation of ornithine decarboxylase (odc) enzyme in mammalian cells. <i>International Journal of Pharma and Bio Sciences</i> , 2017, 8, .	0.1	0
101	The potential health benefit of DLBS3E34, a bioactive fiber from <i>Ananas comosus</i> stem bagasse, reflected by its oil-binding and glucose-adsorption capacities. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2022, 28, 100327.	1.5	0