Yehezkiel Steven Kurniawan

List of Publications by Year
in descending order

54 papers	482 citations	933264 10 h-index	794469 19 g-index
54 all docs	54 docs citations	54 times ranked	306 citing authors

#	Article	IF	Citations
1	Review on Calixarene Fluorescent Chemosensor Agents for Various Analytes. Journal of Multidisciplinary Applied Natural Science, 2022, 2, 23-40.	1.6	7
2	Supramolecular Ion-Exchange Resins Based on Calixarene Derivatives for Pollutant Removal from Aquatic Environmental Samples. Environmental Footprints and Eco-design of Products and Processes, 2022, , 161-200.	0.7	0
3	Synthesis and in vitro assay of hydroxyxanthones as antioxidant and anticancer agents. Scientific Reports, 2022, 12, 1535.	1.6	6
4	Potential of C-Phenylcalix[4]Resorcinarene Epoxide Compound as Drug Delivery Agent in Breast Cancer Cells MCF-7. Jurnal Kimia Sains Dan Aplikasi, 2022, 25, 123-129.	0.1	1
5	Preparation and evaluation of alphaâ€cellulose sulfate based new heterogeneous catalyst for production of biodiesel. Journal of Applied Polymer Science, 2021, 138, 49658.	1.3	7
6	Green synthesis of alkyl 8-(2-butyl-5-octyl-1, 3-dioxolan-4-yl)octanoate derivatives as potential biolubricants from used frying oil. ScienceAsia, 2021, 47, 64.	0.2	4
7	Preliminary Investigation of Organocatalyst Activity Based on <scp>Câ€Arylcalix</scp>[4]â€2â€Methylresorcinarene Sulfonic Acid Materials for Biodiesel Production. Bulletin of the Korean Chemical Society, 2021, 42, 403-409.	1.0	4
8	Green Chemistry Influences in Organic Synthesis : a Review. Journal of Multidisciplinary Applied Natural Science, 2021, 1, 1-12.	1.6	43
9	Spectroscopy Study of Honey Pineapple Peels Extracted in Different Solvents. Indonesian Journal of Natural Pigments, 2021, 3, 32-35.	0.4	0
10	Effect of Calcination Temperature on the Photocatalytic Activity of Zn2Ti3O8 Materials for Phenol Photodegradation. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 196-204.	0.5	2
11	Efficient and Low-Cost Removal of Methylene Blue using Activated Natural Kaolinite Material. Journal of Multidisciplinary Applied Natural Science, 2021, 1, 69-77.	1.6	6
12	Activity Enhancement of P25 Titanium Dioxide by Zinc Oxide for Photocatalytic Phenol Degradation. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 310-319.	0.5	0
13	Novel luminescent Schiffâ€™s base derivative with an azo moiety for ultraselective and sensitive chemosensor of Fe³⁺ ions. Luminescence, 2021, 36, 1239-1248.	1.5	5
14	High photocatalytic activity of zinc metatitanate materials for phenol photodegradation. IOP Conference Series: Materials Science and Engineering, 2021, 1143, 012076.	0.3	0
15	The Origin, Physicochemical Properties, and Removal Technology of Metallic Porphyrins from Crude Oils. Indonesian Journal of Chemistry, 2021, 21, 1023.	0.3	3
16	New Concept for the Study of the Fluid Dynamics of Lithium Extraction Using Calix[4]arene Derivatives in T-Type Microreactor Systems. Separations, 2021, 8, 70.	1.1	3
17	The Role of a Nitro Substituent in C â€Phenylcalix[4]resorcinarenes to Enhance the Adsorption of Gold(III) Ions. ChemistrySelect, 2021, 6, 5366-5373.	0.7	3
18	Science and Technology Progress on the Desulfurization Process of Crude Oil. Bulletin of the Korean Chemical Society, 2021, 42, 1066-1081.	1.0	12

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19	Application of activated bentonite impregnated with PdO as green catalyst for acylation reaction of aromatic compounds. Journal of Environmental Chemical Engineering, 2021, 9, 105508.	3.3	3
20	A Comparative Study on Phytochemical Screening and Antioxidant Activity of Aqueous Extract from Various Parts of Moringa oleifera. Indonesian Journal of Natural Pigments, 2021, 3, 43.	0.4	5
21	A Fluorescence Study on the Extracts of Red Dragon Fruit Peel in Various Solvents. Indonesian Journal of Natural Pigments, 2021, 3, 48.	0.4	0
22	Highly efficient removal of Pb(II) and Cd(II) ions using magnesium hydroxide nanostructure prepared from seawater bittern by electrochemical method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 631, 127687.	2.3	12
23	An Update on the Anticancer Activity of Xanthone Derivatives: A Review. Pharmaceuticals, 2021, 14, 1144.	1.7	37
24	C-Arylcalix[4]pyrogallolarene Sulfonic Acid: A Novel and Efficient Organocatalyst Material for Biodiesel Production. Bulletin of the Chemical Society of Japan, 2020, 93, 252-259.	2.0	10
25	Droplet Microfluidic Device for Rapid and Efficient Metals Separation Using Host-Guest Chemistry. , 2020, , .		4
26	Isolation and Optical Properties of Natural Pigments from Purple Mangosteen Peels. IOP Conference Series: Materials Science and Engineering, 2020, 833, 012018.	0.3	9
27	Acetylacetone as A Potential Chemosensor for Rapid Detection of Cu(II) in Aqueous Media. IOP Conference Series: Materials Science and Engineering, 2020, 833, 012027.	0.3	2
28	Synthesis and characterizations of C-3-Nitrophenylcalix[4]resorcinarene as a potential chemosensor for La(III) ions. IOP Conference Series: Materials Science and Engineering, 2020, 959, 012014.	0.3	4
29	Functionalization of titanium dioxide through dye-sensitizing method utilizing red amaranth extract for phenol photodegradation. IOP Conference Series: Materials Science and Engineering, 2020, 902, 012029.	0.3	8
30	Simultaneous removal of lead(II), chromium(III), and copper(II) heavy metal ions through an adsorption process using C-phenylcalix[4]pyrogallolarene material. Journal of Environmental Chemical Engineering, 2020, 8, 103971.	3.3	72
31	Synthesis of Dioxo-Dioxane and Dioxo-Dioxepane Ethyl Oleate Derivatives as Bio-Lubricant Base Stocks. Indonesian Journal of Chemistry, 2020, 20, 503.	0.3	2
32	Highly Sensitive Phenol Biosensor Utilizing Selected Bacillus Biofilm Through an Electrochemical Method. Makara Journal of Science, 2020, 24, .	1.1	4
33	Computational and Experimental Studies of Biolubricant Stability Derived from Oleic Acid. Journal of the Indonesian Chemical Society, 2020, 3, 139.	0.3	0
34	Selection of Maceration Solvent for Natural Pigment Extraction from Red Fruit (Pandanus conoideus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2
35	Preparation of Green-Emissive Zinc Oxide Composites Using Natural Betacyanin Pigment Isolated from Red Dragon Fruit. Indonesian Journal of Chemistry, 2020, 21, 57.	0.3	0
36	Preparation of Monoacylglycerol Derivatives from Indonesian Edible Oil and Their Antimicrobial Assay against Staphylococcus aureus and Escherichia coli. Scientific Reports, 2019, 9, 10941.	1.6	25

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37	Antibacterial and Antifungal Activity of Three Monosaccharide Monomyristate Derivatives. Molecules, 2019, 24, 3692.	1.7	22
38	Investigation of the chemical and optical properties of halogen-substituted N-methyl-4-piperidone curcumin analogs by density functional theory calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 221, 117152.	2.0	11
39	Selective optical chemosensors of Fe3+ ions using 1H-indole-2,3-dione. AIP Conference Proceedings, 2019, , .	0.3	2
40	Selective betalain impregnation from red amaranth extract onto titanium dioxide nanoparticles. AIP Conference Proceedings, 2019, , .	0.3	3
41	A rapid and efficient lithium-ion recovery from seawater with tripropyl-monoacetic acid calix[4]arene derivative employing droplet-based microreactor system. Separation and Purification Technology, 2019, 211, 925-934.	3.9	30
42	Separation of Pb(II) Ion with Tetraacetic Acid Derivative of Calix[4]arene by Using Droplet-based Microreactor System. Indonesian Journal of Chemistry, 2019, 19, 368.	0.3	9
43	Micro Total Analysis System Application for Biomedicals: A Mini-Review. Biomedical Journal of Scientific & Technical Research, 2019, 12, .	0.0	4
44	DIETHANOLAMIDE DERIVATIVES AS A POTENTIAL ENHANCED OIL RECOVERY AGENT FROM INDONESIAN CASTOR OIL AND USED FRYING OIL: ISOLATION, SYNTHESIS, AND EVALUATION AS NONIONIC BIOSURFACTANTS. Rasayan Journal of Chemistry, 2019, 12, 741-748.	0.2	7
45	Statistical Analysis for Evaluating Natural Yellow Coloring Agents from Peel of Local Fruits in Malang: Mangosteen, Honey Pineapple and Red Dragon Fruits. Indonesian Journal of Natural Pigments, 2019, 1, 49.	0.4	3
46	Microfluidics Era in Chemistry Field: A Review. Journal of the Indonesian Chemical Society, 2019, 2, 7.	0.3	7
47	Droplet-based microreactor system for stepwise recovery of precious metal ions from real metal waste with calix[4]arene derivatives. Separation Science and Technology, 2018, 53, 1261-1272.	1.3	20
48	Monomyristin and Monopalmitin Derivatives: Synthesis and Evaluation as Potential Antibacterial and Antifungal Agents. Molecules, 2018, 23, 3141.	1.7	17
49	Microfluidic reactor for Pb(II) ion extraction and removal with an amide derivative of calix[4]arene supported by spectroscopic studies. Microchemical Journal, 2018, 142, 377-384.	2.3	20
50	Synthesis and Kinetic Study of the Urea Controlled Release Composite Material: Sodium Lignosulfonate from Isolation of Wood Sawdust-Sodium Alginate-Tapioca. Indonesian Journal of Chemistry, 2018, 18, 108.	0.3	5
51	Green synthesis of some novel dioxolane compounds from Indonesian essential oils as potential biogreases. AIP Conference Proceedings, 2017, , .	0.3	4
52	Synthesis of 1,4-Dioxaspiro[4.4] and 1,4-Dioxaspiro[4.5] Novel Compounds from Oleic Acid as Potential Biolubricant. Indonesian Journal of Chemistry, 2017, 17, 301.	0.3	3
53	Chalcones in Dermatology. , 0, , .		0
54	New Lubricant from Used Cooking Oil: Cyclic Ketal of Ethyl 9,10-Dihydroxyoctadecanoate. Materials Science Forum, 0, 901, 135-141.	0.3	10