# Yehezkiel Steven Kurniawan

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Green Chemistry Influences in Organic Synthesis : a Review. Journal of Multidisciplinary Applied Natural Science, 2021, 1, 1-12. | 1.6 | 43 |
| 3 | An Update on the Anticancer Activity of Xanthone Derivatives: A Review. Pharmaceuticals, 2021, 14, 1144. | 1.7 | 37 |
| 4 | 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 |
| 5 | 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 |
| 6 | Antibacterial and Antifungal Activity of Three Monosaccharide Monomyristate Derivatives. Molecules, 2019, 24, 3692. | 1.7 | 22 |
| 7 | 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 |
| 8 | 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 |
| 9 | Monomyristin and Monopalmitin Derivatives: Synthesis and Evaluation as Potential Antibacterial and Antifungal Agents. Molecules, 2018, 23, 3141. | 1.7 | 17 |
| 10 | Science and Technology Progress on the Desulfurization Process of Crude Oil. Bulletin of the Korean Chemical Society, 2021, 42, 1066-1081. | 1.0 | 12 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | New Lubricant from Used Cooking Oil: Cyclic Ketal of Ethyl 9,10-Dihydroxyoctadecanoate. Materials Science Forum, 0, 901, 135-141. | 0.3 | 10 |
| 15 | Isolation and Optical Properties of Natural Pigments from Purple Mangosteen Peels. IOP Conference Series: Materials Science and Engineering, 2020, 833, 012018. | 0.3 | 9 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Microfluidics Era in Chemistry Field: A Review. Journal of the Indonesian Chemical Society, 2019, 2, 7. | 0.3 | 7 |
| 21 | Review on Calixarene Fluorescent Chemosensor Agents for Various Analytes. Journal of Multidisciplinary Applied Natural Science, 2022, 2, 23-40. | 1.6 | 7 |
| 22 | 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 |
| 23 | Synthesis and in vitro assay of hydroxyxanthones as antioxidant and anticancer agents. Scientific Reports, 2022, 12, 1535. | 1.6 | 6 |
| 24 | Novel luminescent Schiffâ€™s base derivative with an azo moiety for ultraselective and sensitive chemosensor of Fe<sup>3+</sup> ions. Luminescence, 2021, 36, 1239-1248. | 1.5 | 5 |
| 25 | 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 |
| 26 | 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 |
| 27 | Green synthesis of some novel dioxolane compounds from Indonesian essential oils as potential biogreases. AIP Conference Proceedings, 2017, , . | 0.3 | 4 |
| 28 | Droplet Microfluidic Device for Rapid and Efficient Metals Separation Using Host-Guest Chemistry. , 2020, , . | | 4 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Micro Total Analysis System Application for Biomedicals: A Mini-Review. Biomedical Journal of Scientific & Technical Research, 2019, 12, . | 0.0 | 4 |
| 33 | Highly Sensitive Phenol Biosensor Utilizing Selected Bacillus Biofilm Through an Electrochemical Method. Makara Journal of Science, 2020, 24, . | 1.1 | 4 |
| 34 | Selective betalain impregnation from red amaranth extract onto titanium dioxide nanoparticles. AIP Conference Proceedings, 2019, , . | 0.3 | 3 |
| 35 | The Origin, Physicochemical Properties, and Removal Technology of Metallic Porphyrins from Crude Oils. Indonesian Journal of Chemistry, 2021, 21, 1023. | 0.3 | 3 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Selective optical chemosensors of Fe3+ ions using 1H-indole-2,3-dione. AIP Conference Proceedings, 2019, , . | 0.3 | 2 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Selection of Maceration Solvent for Natural Pigment Extraction from Red Fruit (Pandanus conoideus) Tj ETQq1 1 0.784314 rgBT /Ove | 0.4 | 2 |
| 46 | 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 |
| 47 | Spectroscopy Study of Honey Pineapple Peels Extracted in Different Solvents. Indonesian Journal of Natural Pigments, 2021, 3, 32-35. | 0.4 | 0 |
| 48 | 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 |
| 49 | High photocatalytic activity of zinc metatitanate materials for phenol photodegradation. IOP Conference Series: Materials Science and Engineering, 2021, 1143, 012076. | 0.3 | 0 |
| 50 | Chalcones in Dermatology. , 0, , . | | 0 |
| 51 | 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 |
| 52 | Computational and Experimental Studies of Biolubricant Stability Derived from Oleic Acid. Journal of the Indonesian Chemical Society, 2020, 3, 139. | 0.3 | 0 |
| 53 | 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 |
| 54 | 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 |