

Fredy Kurniawan

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

545
citations

687363

13
h-index

677142

22
g-index

43
all docs

43
docs citations

43
times ranked

615
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Gold Nanoparticles in Nonenzymatic Electrochemical Detection of Sugars. <i>Electroanalysis</i> , 2006, 18, 1937-1942. | 2.9 | 124 |
| 2 | Progress in Graphene Synthesis and its Application: History, Challenge and the Future Outlook for Research and Industry. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 093013. | 1.8 | 65 |
| 3 | Electrochemical and optical microscopy study of red pepper seed oil corrosion inhibition by self-assembled monolayers (SAM) on 304 SS. <i>Progress in Organic Coatings</i> , 2015, 88, 256-262. | 3.9 | 40 |
| 4 | A preliminary study of identification halal gelatin using Quartz Crystal Microbalance (QCM) sensor. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 325-330. | 0.8 | 27 |
| 5 | Gold nanoparticles induce protein crystallization. <i>Crystal Research and Technology</i> , 2008, 43, 588-593. | 1.3 | 24 |
| 6 | Best Practice for Financial Models of PPP Projects. <i>Procedia Engineering</i> , 2015, 125, 124-132. | 1.2 | 23 |
| 7 | Analytical Applications of Electrodes Modified by Gold Nanoparticles: Dopamine Detection. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2407-2412. | 0.9 | 21 |
| 8 | New potential and characterization of <i>Andrographis paniculata</i> L. Ness plant extracts as photoprotective agent. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8888-8897. | 4.9 | 21 |
| 9 | Synthesis of SnO ₂ Nanoparticles by High Potential Electrolysis. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2017, 12, 281. | 1.1 | 19 |
| 10 | Electrochemical Sensor Based on Single-Walled Carbon Nanotubes-Modified Gold Electrode for Uric Acid Detection. <i>Journal of the Electrochemical Society</i> , 2018, 165, B515-B522. | 2.9 | 18 |
| 11 | Stakeholders'™ expectations in utilising financial models for public-private partnership projects. <i>Built Environment Project and Asset Management</i> , 2014, 4, 4-21. | 1.6 | 16 |
| 12 | Corrosion Inhibition of Honeycomb Waste Extracts for 304 Stainless Steel in Sulfuric Acid Solution. <i>Materials</i> , 2019, 12, 2120. | 2.9 | 16 |
| 13 | Single-Walled Carbon Nanotubes-Modified Gold Electrode for Dopamine Detection. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, M3109-M3112. | 1.8 | 15 |
| 14 | Polyaniline-Invertase-Gold Nanoparticles Modified Gold Electrode for Sucrose Detection. <i>Indonesian Journal of Chemistry</i> , 2015, 15, 226-233. | 0.8 | 15 |
| 15 | Combination of microbial fuel cell and zeolite Na-Y adsorption for chromium removal. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 13 |
| 16 | Review'Recent Development of Detection Methods for Controlling COVID-19 Outbreak. <i>Journal of the Electrochemical Society</i> , 2021, 168, 037511. | 2.9 | 12 |
| 17 | Electrochemical synthesis of polymelamine/gold nanoparticle modified carbon paste electrode as voltammetric sensor of dopamine. <i>Chinese Journal of Analytical Chemistry</i> , 2022, 50, 100052. | 1.7 | 9 |
| 18 | Automated Layer-by-Layer Deposition of Polyelectrolytes in Flow Mode. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 441-444. | 3.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Production of Hydrocarbon (C7-C20) from Hydrocracking of Fatty Acid Methyl Esters on Pd/Al-MCM-41 Catalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 2017, 12, 337. | 1.1 | 7 |
| 20 | Production of Biodiesel from Seed Oil of Nyamplung (<i>Calophyllum inophyllum</i>) by Al-MCM-41 and Its Performance in Diesel Engine. Indonesian Journal of Chemistry, 2017, 17, 316. | 0.8 | 6 |
| 21 | Determination of free radical scavenging activity from aqueous extract of <i>Curcuma mangga</i> by DPPH method. Journal of Physics: Conference Series, 2016, 710, 012043. | 0.4 | 5 |
| 22 | Synthesis of water-soluble chitosan from crab shells (<i>Scylla serrata</i>) waste. AIP Conference Proceedings, 2018, , . | 0.4 | 5 |
| 23 | Graphene- and Multi-Walled Carbon Nanotubes-Coated Tapered Plastic Optical Fiber for Detection of Lard Adulteration in Olive Oil. Photonic Sensors, 2022, 12, 1. | 5.0 | 5 |
| 24 | Fluorescence analysis of <i>Andrographis paniculata</i> L. medicinal plant extract as a potential protector of ultraviolet radiation. AIP Conference Proceedings, 2018, , . | 0.4 | 4 |
| 25 | Rapid analysis to distinguish porcine and bovine gelatin using PANI/NiO nanoparticles modified Quartz Crystal Microbalance (QCM) sensor. Heliyon, 2022, 8, e09401. | 3.2 | 4 |
| 26 | Corrosion inhibition of weldment by <i>Nephelium lappaceum</i> peel extract in 3.5% NaCl solution. South African Journal of Chemical Engineering, 2022, 41, 223-232. | 2.4 | 4 |
| 27 | Corrosion Inhibition by <i>Tithonia diversifolia</i> (Hemsl) A. Gray leaves extract for 304 SS in hydrochloric acid solution. Journal of Physics: Conference Series, 2016, 710, 012042. | 0.4 | 3 |
| 28 | Influence of CTAB and Sonication on Nickel Hydroxide Nanoparticles Synthesis by Electrolysis at High Voltage. Lecture Notes in Electrical Engineering, 2016, , 345-351. | 0.4 | 3 |
| 29 | Fluorescence spectrophotometry for COVID-19 determination in clinical swab samples. Arabian Journal of Chemistry, 2022, 15, 104020. | 4.9 | 3 |
| 30 | Detection of Lard Adulteration in Olive Oil by Using Silica Optical Fiber. , 2018, , . | | 2 |
| 31 | The capability of nanomagnetite carboxymethyl kappa-carrageenan coated to adsorp metal ions. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 32 | Synthesis of Zn(OH)<math>_2</math> nanoparticles using electrochemical method. , 2017, , . | | 1 |
| 33 | Green synthesis of silver nanoparticles using photo-induced reduction method. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 34 | Response of SWCNTs/KPG5-modified carbon electrode on dopamine, uric acid and ascorbic acid. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012049. | 0.6 | 1 |
| 35 | Chemistry and Physic Characterization of Milkfish (<i>Chanos chanos</i>) Gelatin from Tarakan, North Borneo, Indonesia. E3S Web of Conferences, 2020, 153, 01012. | 0.5 | 1 |
| 36 | The adsorption of remasol, indigosol and naphtol yellow mixed dyes using activated carbon. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Gelatin Extraction Optimization from Skin of Sub Adult and Adult Pangasius Hypophthalmus. Current Research in Nutrition and Food Science, 2021, 9, 542-549. | 0.8 | 1 |
| 38 | Preparation of activated carbon from Calophyllum inophyllum seed using different activating agents: Comparison study. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 39 | Monitoring the quality of the cooking oil and raw foods used in canteens in Sepuluh Nopember Institute of Technology to achieve health stalls. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 40 | Optimization of aluminum recovery from aluminum smelting waste using the surface response methodology. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 41 | Electrochemical Methods for Manufacturing Silver Nanoparticles. , 2017, , . | | 0 |
| 42 | Performance of SGPN-NPs paste electrode as medical biosensor. IOP Conference Series: Materials Science and Engineering, 0, 494, 012058. | 0.6 | 0 |
| 43 | Model of Organization and Determination of Tariffs in the Control of Justice, Expective and Efficient Telecommunication Towers. Journal of Physics: Conference Series, 2020, 1573, 012011. | 0.4 | 0 |