

# Fredy Kurniawan

## List of Publications by Year in descending order

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43  
papers

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citations

687363

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677142

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Graphene- and Multi-Walled Carbon Nanotubes-Coated Tapered Plastic Optical Fiber for Detection of Lard Adulteration in Olive Oil. <i>Photonic Sensors</i> , 2022, 12, 1.	5.0	5
2	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
3	Rapid analysis to distinguish porcine and bovine gelatin using PANI/NiO nanoparticles modified Quartz Crystal Microbalance (QCM) sensor. <i>Heliyon</i> , 2022, 8, e09401.	3.2	4
4	Fluorescence spectrophotometry for COVID-19 determination in clinical swab samples. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104020.	4.9	3
5	Corrosion inhibition of weldment by Nephelium lappaceum peel extract in 3.5% NaCl solution. <i>South African Journal of Chemical Engineering</i> , 2022, 41, 223-232.	2.4	4
6	Reviewâ€™Recent Development of Detection Methods for Controlling COVID-19 Outbreak. <i>Journal of the Electrochemical Society</i> , 2021, 168, 037511.	2.9	12
7	Gelatin Extraction Optimization from Skin of Sub Adult and Adult Pangasius Hypophthalmus. <i>Current Research in Nutrition and Food Science</i> , 2021, 9, 542-549.	0.8	1
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	Chemistry and Physic Characterization of Milkfish ( <i>Chanos chanos</i> ) Gelatin from Tarakan, North Borneo, Indonesia. <i>E3S Web of Conferences</i> , 2020, 153, 01012.	0.5	1
10	Preparation of activated carbon from <i>Calophyllum inophyllum</i> seed using different activating agents: Comparison study. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
11	The capability of nanomagnetite carboxymethyl kappa-carrageenan coated to adsorp metal ions. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2
12	Monitoring the quality of the cooking oil and raw foods used in canteens in Sepuluh Nopember Institute of Technology to achieve health stalls. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
13	Optimization of aluminum recovery from aluminum smelting waste using the surface response methodology. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
14	The adsorption of remasol, indigosol and naphtol yellow mixed dyes using activated carbon. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
15	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
16	Model of Organization and Determination of Tariffs in the Control of Justice, Expective and Efficient Telecommunication Towers. <i>Journal of Physics: Conference Series</i> , 2020, 1573, 012011.	0.4	0
17	Corrosion Inhibition of Honeycomb Waste Extracts for 304 Stainless Steel in Sulfuric Acid Solution. <i>Materials</i> , 2019, 12, 2120.	2.9	16
18	Response of SWCNTs/KPG5-modified carbon electrode on dopamine, uric acid and ascorbic acid. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 494, 012049.	0.6	1

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19	Synthesis of water-soluble chitosan from crab shells ( <i>Scylla serrata</i> ) waste. AIP Conference Proceedings, 2018, , .	0.4	5
20	Detection of Lard Adulteration in Olive Oil by Using Silica Optical Fiber. , 2018, , .		2
21	Fluorescence analysis of <i>Andrographis paniculata</i> L. nese medicinal plant extract as a potential protector of ultraviolet radiation. AIP Conference Proceedings, 2018, , .	0.4	4
22	Green synthesis of silver nanoparticles using photo-induced reduction method. AIP Conference Proceedings, 2018, , .	0.4	1
23	Combination of microbial fuel cell and zeolite Na-Y adsorption for chromium removal. AIP Conference Proceedings, 2018, , .	0.4	13
24	Electrochemical Sensor Based on Single-Walled Carbon Nanotubes-Modified Gold Electrode for Uric Acid Detection. Journal of the Electrochemical Society, 2018, 165, B515-B522.	2.9	18
25	A preliminary study of identification halal gelatin using Quartz Crystal Microbalance (QCM) sensor. Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 325-330.	0.8	27
26	Single-Walled Carbon Nanotubes-Modified Gold Electrode for Dopamine Detection. ECS Journal of Solid State Science and Technology, 2017, 6, M3109-M3112.	1.8	15
27	Synthesis of Zn(OH)&inf&gt;2&inf&gt; nanoparticles using electrochemical method. , 2017, , .		1
28	Production of Biodiesel from Seed Oil of Nyamplung (&i&gt;Calophyllum inophyllum&i&gt;) by Al-MCM-41 and Its Performance in Diesel Engine. Indonesian Journal of Chemistry, 2017, 17, 316.	0.8	6
29	Synthesis of SnO <sub>2</sub> Nanoparticles by High Potential Electrolysis. Bulletin of Chemical Reaction Engineering and Catalysis, 2017, 12, 281.	1.1	19
30	Production of Hydrocarbon (C <sub>7</sub> -C <sub>20</sub> ) 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
31	Electrochemical Methods for Manufacturing Silver Nanoparticles. , 2017, , .		0
32	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
33	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
34	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
35	Best Practice for Financial Models of PPP Projects. Procedia Engineering, 2015, 125, 124-132.	1.2	23
36	Electrochemical and optical microscopy study of red pepper seed oil corrosion inhibition by self-assembled monolayers (SAM) on 304 SS. Progress in Organic Coatings, 2015, 88, 256-262.	3.9	40

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37	Polyaniline-Invertase-Gold Nanoparticles Modified Gold Electrode for Sucrose Detection. Indonesian Journal of Chemistry, 2015, 15, 226-233.	0.8	15
38	Stakeholdersâ€™ expectations in utilising financial models for public-private partnership projects. Built Environment Project and Asset Management, 2014, 4, 4-21.	1.6	16
39	Automated Layer-by-Layer Deposition of Polyelectrolytes in Flow Mode. Macromolecular Materials and Engineering, 2009, 294, 441-444.	3.6	8
40	Analytical Applications of Electrodes Modified by Gold Nanoparticles: Dopamine Detection. Journal of Nanoscience and Nanotechnology, 2009, 9, 2407-2412.	0.9	21
41	Gold nanoparticles induce protein crystallization. Crystal Research and Technology, 2008, 43, 588-593.	1.3	24
42	Gold Nanoparticles in Nonenzymatic Electrochemical Detection of Sugars. Electroanalysis, 2006, 18, 1937-1942.	2.9	124
43	Performance of SGPN-NPs paste electrode as medical biosensor. IOP Conference Series: Materials Science and Engineering, 0, 494, 012058.	0.6	0