

Naji Arafat Mahat

List of Publications by Year in descending order

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32
papers

593
citations

623188

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610482

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32
all docs

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docs citations

32
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Counterfeit one hundred Malaysian ringgit banknotes discrimination using chemical imaging inspection and pattern recognition. <i>Australian Journal of Forensic Sciences</i> , 2022, 54, 695-709.	0.7	5
2	Occurrence of heavy metals and their removal in <i>Perna viridis</i> mussels using chemical methods: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 4803-4821.	2.7	4
3	Counterfeit fifty Ringgit Malaysian banknotes authentication using novel graph-based chemometrics method. <i>Scientific Reports</i> , 2022, 12, 4826.	1.6	3
4	Potassium triiodide enhanced multi-walled carbon nanotubes supported lipase for expediting a greener forensic visualization of wetted fingerprints. <i>Chemical Papers</i> , 2021, 75, 1401-1412.	1.0	3
5	Boxâ€œBehnken design optimisation of a green novel nanobio-based reagent for rapid visualisation of latent fingerprints on wet, non-porous substrates. <i>Biotechnology Letters</i> , 2021, 43, 881-898.	1.1	6
6	Antioxidant Activity Evaluation of FlexirubinType Pigment from <i>Chryseobacterium artocarpi</i> CECT 8497 and Related Docking Study. <i>Molecules</i> , 2021, 26, 979.	1.7	9
7	The Psychology of Murder Concealment Acts. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3113.	1.2	11
8	Taguchi orthogonal design assisted immobilization of <i>Candida rugosa</i> lipase onto nanocellulose-silica reinforced polyethersulfone membrane: physicochemical characterization and operational stability. <i>Cellulose</i> , 2021, 28, 5669.	2.4	15
9	Fungal-Assisted Valorization of Raw Oil Palm Leaves for Production of Cellulase and Xylanase in Solid State Fermentation Media. <i>Waste and Biomass Valorization</i> , 2020, 11, 3133-3149.	1.8	19
10	Structure and properties of lipase activated by cellulose-silica polyethersulfone membrane for production of pentyl valerate. <i>Carbohydrate Polymers</i> , 2020, 245, 116549.	5.1	6
11	Characterisation and computational analysis of a novel lipase nanobio-based reagent for visualising latent fingerprints on water-immersed glass slides. <i>Process Biochemistry</i> , 2020, 96, 102-112.	1.8	9
12	Relevant visualization technologies for latent fingerprints on wet objects and its challenges: a review. <i>Egyptian Journal of Forensic Sciences</i> , 2019, 9, .	0.4	10
13	Laser-induced breakdown spectroscopy (LIBS) for printing ink analysis coupled with principle component analysis (PCA). <i>AIP Conference Proceedings</i> , 2019, , .	0.3	6
14	Development of gambir powder as a cheap and green fingerprint powder for forensic applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
15	Ternary Blended Chitosan/Chitin/ Fe_3O_4 Nanosupport for Lipase Activation and Stabilization. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 6327-6337.	1.7	8
16	Composition and life cycles of necrophagous flies infesting wrapped and unwrapped rabbit carcasses in Johor for forensic applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
17	Recovery of human DNA from canine teeth exposed to direct heating of 300 Â°C at varying durations for forensic identification. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
18	Capillary electrophoresis for the analysis of antidepressant drugs: A review. <i>Journal of Separation Science</i> , 2019, 42, 906-924.	1.3	9

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19	Application of Boxâ€œBehnken design for ultrasoundâ€œassisted extraction and recycling preparative HPLC for isolation of anthraquinones from <i>Cassia singueana</i> . <i>Phytochemical Analysis</i> , 2019, 30, 101-109.	1.2	20
20	Oil Palm (<i>Elaeis guineensis</i>) Biomass in Malaysia: The Present and Future Prospects. <i>Waste and Biomass Valorization</i> , 2019, 10, 2099-2117.	1.8	128
21	Statistical optimization and operational stability of <i>Rhizomucor miehei</i> lipase supported on magnetic chitosan/chitin nanoparticles for synthesis of pentyl valerate. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 680-695.	3.6	26
22	Novel Safranin-Tinted <i>Candida rugosa</i> Lipase Nanoconjugates Reagent for Visualizing Latent Fingerprints on Stainless Steel Knives Immersed in a Natural Outdoor Pond. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1576.	1.8	14
23	Insight into the <i>Rhizomucor miehei</i> lipase supported on chitosan-chitin nanowhiskers assisted esterification of eugenol to eugenyl benzoate. <i>Journal of Biotechnology</i> , 2018, 280, 19-30.	1.9	32
24	Biophysical characterization of a recombinant lipase KV1 from <i>Acinetobacter haemolyticus</i> in relation to pH and temperature. <i>Biochimie</i> , 2018, 152, 198-210.	1.3	7
25	Toxic metals in <i>Perna viridis</i> mussel and surface seawater in Pasir Gudang coastal area, Malaysia, and its health implications. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30224-30235.	2.7	17
26	A statistical approach for optimizing the protocol for overexpressing lipase KV1 in <i>Escherichia coli</i> : purification and characterization. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 69-87.	0.5	11
27	Synthesis of geranyl propionate in a solvent-free medium using <i>Rhizomucor miehei</i> lipase covalently immobilized on chitosanâ€œgraphene oxide beads. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 199-210.	1.0	23
28	Structure and properties of oil palm-based nanocellulose reinforced chitosan nanocomposite for efficient synthesis of butyl butyrate. <i>Carbohydrate Polymers</i> , 2017, 176, 281-292.	5.1	58
29	Response surface methodological approach for optimizing production of geranyl propionate catalysed by carbon nanotubes nanobioconjugates. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 732-739.	0.5	27
30	A facile enzymatic synthesis of geranyl propionate by physically adsorbed <i>Candida rugosa</i> lipase onto multi-walled carbon nanotubes. <i>Enzyme and Microbial Technology</i> , 2015, 72, 49-55.	1.6	51
31	Modelling and optimization of <i>Candida rugosa</i> nanobioconjugates catalysed synthesis of methyl oleate by response surface methodology. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 1113-1127.	0.5	21
32	<i>Candida rugosa</i> Lipase Immobilized onto Acid-Functionalized Multi-walled Carbon Nanotubes for Sustainable Production of Methyl Oleate. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 967-984.	1.4	31