

# Dede Heri Yuli Yanto

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

440  
citations

759233

12  
h-index

752698

20  
g-index

39  
all docs

39  
docs citations

39  
times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of petroleum hydrocarbons by a newly isolated <i>Pestalotiopsis</i> sp. NG007. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 438-450.	3.9	51
2	Potential of fungal co-culturing for accelerated biodegradation of petroleum hydrocarbons in soil. <i>Journal of Hazardous Materials</i> , 2014, 278, 454-463.	12.4	47
3	Biodegradation and metabolic pathway of anthraquinone dyes by <i>Trametes hirsuta</i> D7 immobilized in light expanded clay aggregate and cytotoxicity assessment. <i>Journal of Hazardous Materials</i> , 2021, 405, 124176.	12.4	40
4	Enhanced biodegradation of asphalt in the presence of Tween surfactants, Mn <sup>2+</sup> and H <sub>2</sub> O <sub>2</sub> by <i>Pestalotiopsis</i> sp. in liquid medium and soil. <i>Chemosphere</i> , 2014, 103, 105-113.	8.2	29
5	Periodical biostimulation with nutrient addition and bioaugmentation using mixed fungal cultures to maintain enzymatic oxidation during extended bioremediation of oily soil microcosms. <i>International Biodeterioration and Biodegradation</i> , 2017, 116, 112-123.	3.9	28
6	Biodegradation and metabolic pathway of phenanthrene by a new tropical fungus, <i>Trametes hirsuta</i> D7. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2454-2460.	6.7	28
7	Biodecolorization of Textile Dyes by Immobilized Enzymes in a Vertical Bioreactor System. <i>Procedia Environmental Sciences</i> , 2014, 20, 235-244.	1.4	21
8	Immobilization of laccase from <i>Trametes hirsuta</i> EDN 082 in light expanded clay aggregate for decolorization of Remazol Brilliant Blue R dye. <i>Bioresource Technology Reports</i> , 2020, 12, 100602.	2.7	20
9	Designing a mesoporous hybrid organo-silica thin film prepared from an organic catalyst. <i>Membrane Technology</i> , 2021, 2021, 5-8.	0.1	16
10	Combination of Coagulation, Adsorption, and Ultrafiltration Processes for Organic Matter Removal from Peat Water. <i>Sustainability</i> , 2022, 14, 370.	3.2	16
11	Biodegradation of styrofoam waste by ligninolytic fungi and bacteria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 308, 012001.	0.3	15
12	Physicochemical Properties of Mesoporous Organo-Silica Xerogels Fabricated through Organo Catalyst. <i>Membranes</i> , 2021, 11, 607.	3.0	15
13	A Simple Approach to Fabricate a Screen-Printed Electrode and Its Application for Uric Acid Detection. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210221.	1.3	13
14	Decolorization of synthetic textile dyes by laccase from newly isolated <i>Trametes hirsuta</i> EDN084 mediated by violuric acid. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 374, 012005.	0.3	12
15	Immobilization of <i>Trametes hirsuta</i> D7 in Light Expanded Clay Aggregate for Decolorization of Synthetic Dye. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 308, 012002.	0.3	11
16	Biodegradation and biodetoxification of batik dye wastewater by laccase from <i>Trametes hirsuta</i> EDN 082 immobilised on light expanded clay aggregate. <i>3 Biotech</i> , 2021, 11, 247.	2.2	11
17	Biodecolorization and Biodegradation of Textile Dyes by the Newly Isolated Saline-pH Tolerant Fungus <i>Pestalotiopsis</i> sp.. <i>Journal of Environmental Science and Technology</i> , 2013, 7, 44-55.	0.3	10
18	Insight into the photodegradation mechanism of bisphenol-A by oxygen doped mesoporous carbon nitride under visible light irradiation and DFT calculations. <i>RSC Advances</i> , 2022, 12, 10409-10423.	3.6	9

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19	Sequential production of ligninolytic, xylanolytic, and cellulolytic enzymes by <i>Trametes hirsuta</i> AA-017 under different biomass of Indonesian sorghum accessions-induced cultures. <i>Bioresource Technology Reports</i> , 2020, 12, 100562.	2.7	8
20	Decolorization of Synthetic Dyes by Ligninolytic Enzymes from <i>Trametes hirsuta</i> D7. <i>Makara Journal of Science</i> , 2019, 23, .	0.3	7
21	Comparative kinetic study on biodecolorization of synthetic dyes by <i>Bjerkandera adusta</i> SM46 in alginate beads-packed bioreactor system and shaking culture under saline-alkaline stress. <i>Biocatalysis and Biotransformation</i> , 2022, 40, 296-307.	2.0	6
22	Biodecolorization of Anthraquinone and Azo Dyes by Newly Isolated Indonesian White-Rot Fungi. <i>Biosaintifika: Journal of Biology &amp; Biology Education</i> , 2021, 13, 16-25.	0.2	4
23	Improvement of Organic Soil Shear Strength through Calcite Precipitation Method Using Soybeans as Bio-Catalyst. <i>Crystals</i> , 2021, 11, 1044.	2.2	4
24	Activated Carbon Derived From OPEFB by One Step Steam Activation and Its Application for Dye Adsorption : Kinetics and Isothermal Studies. <i>Reaktor</i> , 2019, 19, 68-76.	0.3	3
25	Optimization of laccase production from a newly isolated <i>Trametes</i> sp. EDN134. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 572, 012024.	0.3	3
26	Alkyl $\beta$ -D-xyloside synthesis from black liquor xylan using <i>Aureobasidium pullulans</i> CBS 135684 $\beta$ -xylosidases immobilized on spent expanded perlite. <i>Biomass Conversion and Biorefinery</i> , 2020, , 1.	4.6	3
27	Biodegradation of buried crude oil in soil microcosm by fungal co-culture. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 980, 012084.	0.6	2
28	PEMANFAATAN LIGNIN HASIL ISOLASI DARI LINDI HITAM PROSES BIOPULPING BAMBU BETUNG ( <i>Dendrocalamus asper</i> ) SEBAGAI MEDIA SELEKTIF JAMUR PELAPUK PUTIH. <i>Jurnal Penelitian Hasil Hutan</i> , 2011, 29, 312-321.	0.2	2
29	Bioprospecting three newly isolated white-rot fungi from Berbak-Sembilang National Park, Indonesia for biodecolorization of anthraquinone and azo dyes. <i>Biodiversitas</i> , 2022, 23, .	0.6	2
30	Photocatalytic Remediation of Harmful <i>Alexandrium minutum</i> Bloom Using Hybrid Chitosan-Modified TiO <sub>2</sub> Films in Seawater: A Lab-Based Study. <i>Catalysts</i> , 2022, 12, 707.	3.5	2
31	Isolation, purification and characterization of laccase enzyme from <i>Trametes pavonia</i> EDN 134 for decolorization of azo dyes. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	1
32	Application of myco-light expanded clay aggregate for real textile wastewater treatment in rotating drum biological contactor. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1017, 012023.	0.3	1
33	Development of PVA-alginate as a matrix for enzymatic decolorization of textile dye in bioreactor system. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
34	Notes Some Macro Fungi From Taman Eden 100, Kawasan Toba, Sumatera Utara, Indonesia: Description and Its Potency. <i>BIOEDUSCIENCE Jurnal Pendidikan Biologi Dan Sains</i> , 2021, 5, 30-39.	0.2	0
35	Biodecolorization of Remazol Brilliant Blue <sup>®</sup> R dye by Tropical White-Rot Fungi and Their Enzymes in The Presence of Guaiacol. <i>Jurnal Riset Kimia</i> , 2021, 12, .	0.1	0
36	The Application of Electro-Coagulation Technique in Reducing Organic Materials in Waste Water of Fish Culture. <i>Jurnal Ilmu Pertanian Indonesia</i> , 2020, 25, 284-291.	0.3	0

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37	KARAKTERISTIK ANATOMI KULIT BATANG SAGU ( <i>Metroxylon sagu</i> Rottb.) UNTUK BAHAN BAKU PULP DAN KERTAS. <i>Jurnal Sylva Scientiae</i> , 2021, 4, 1026.	0.0	0
38	Decolorization of Synthetic Dyes by Tropical Fungi Isolated from Taman Eden 100, Toba Samosir, North Sumatra, Indonesia. <i>HAYATI Journal of Biosciences</i> , 2022, 29, 417-427.	0.4	0