

Sri Harjanto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gas holdup and bubble flow transition characteristics in column flotation process determined by capacitive signals measurement. Brazilian Journal of Chemical Engineering, 2021, 38, 361-372.	1.3	5
2	Ball Milling Effect on Corrosion and Biocompatibility Behavior of FeMnC Alloys Produced by Powder Metallurgy in Simulated Body Fluids Environment. Metals, 2021, 11, 1597.	2.3	0
3	Kinetics and Mechanisms of Carbothermic Reduction of Weathered Ilmenite Using Palm Kernel Shell Biomass. Journal of Sustainable Metallurgy, 2021, 7, 1819-1837.	2.3	5
4	Alginate Modification and Lectin-Conjugation Approach to Synthesize the Mucoadhesive Matrix. Applied Sciences (Switzerland), 2021, 11, 11818.	2.5	8
5	Solar Carbothermic Reduction of Ilmenite Using Palm Kernel Shell Biomass. Jom, 2020, 72, 3410-3421.	1.9	7
6	Thermodynamics and phase transformation analysis on selective sulphidation of limonitic nickel ores mixed with carbon additives. AIP Conference Proceedings, 2020, , .	0.4	2
7	Signal characterization of frother dosage effect in two- phase column flotation process using capacitive measurement method. AIP Conference Proceedings, 2020, , .	0.4	0
8	Characterization of calcined Badau Belitung kaolin as potential raw materials of zeolite. AIP Conference Proceedings, 2020, , .	0.4	3
9	Investigations on mineralogical characteristics of Indonesian nickel laterite ores during the roasting process. IOP Conference Series: Materials Science and Engineering, 2019, 541, 012038.	0.6	6
10	Effect of Sodium Dodecylbenzene Sulfonate as Anionic Surfactant on Water based Carbon Nanofluid Performance as Quench Medium in Heat Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012009.	0.6	2
11	Effect of Titanium Dioxide Particle Size in Water-based Micro/Nanofluid as Quench Medium in Heat Treatment Process. IOP Conference Series: Materials Science and Engineering, 2019, 547, 012064.	0.6	2
12	A Comparative Study on Commercial Grade and Laboratory Grade of TiO ₂ particle in Nanofluid for Quench Medium in Rapid Quenching Process. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012017.	0.6	0
13	A Preliminary study of three-phase column flotation process monitoring using electrical capacitance volume tomography. IOP Conference Series: Materials Science and Engineering, 2019, 673, 012130.	0.6	0
14	Polyethylene Glycol Addition as Non-ionic Surfactant in Water-based Carbon Microfluid for Quench Medium in Heat Treatment Process. IOP Conference Series: Materials Science and Engineering, 2019, 622, 012016.	0.6	0
15	In vitro of Mg-1.6 Gd alloys after hot extruded for biomaterial application. IOP Conference Series: Materials Science and Engineering, 2019, 602, 012091.	0.6	0
16	Production of pig iron nugget from low-grade iron ore and pyrolyzed oil-palm-empty-fruit-bunch composites. IOP Conference Series: Materials Science and Engineering, 2019, 602, 012073.	0.6	2
17	Characterization on particle size distribution of reduced lateritic nickel ore using biomass carbon reduction. IOP Conference Series: Materials Science and Engineering, 2019, 602, 012080.	0.6	2
18	Corrosion behavior of hot rolled Mg-1.6Gd alloys as degradable materials implant. AIP Conference Proceedings, 2019, , .	0.4	1

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19	Degradable and porous Fe-Mn-C alloy for biomaterials candidate. AIP Conference Proceedings, 2018, , .	0.4	1
20	Screening of proteins based on macro-algae from West Java coast in Indonesian marine as a potential anti-aging agent. AIP Conference Proceedings, 2018, , .	0.4	0
21	Selective sulphidation of impurities in weathered ilmenite. Part 1 " Applicability to different ilmenite deposits and simulated Becher kiln conditions. Minerals Engineering, 2018, 121, 55-65.	4.3	4
22	Chloride solution leaching of platinum from Indonesia gold ore artisanal mining. IOP Conference Series: Materials Science and Engineering, 2018, 432, 012013.	0.6	0
23	Effect of Mechanochemical and Roasting Techniques for Extraction of Rare Earth Elements from Indonesian Low-Grade Bauxite. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012025.	0.6	1
24	APPLICATION OF CARBAMIDE AS FOAMING AGENT OF FE-MN-C ALLOY FOR DEGRADABLE BIOMATERIAL CANDIDATE WITH POWDER METALLURGY PROCESS. Jurnal Teknologi (Sciences and Engineering), 2018, 81, .	0.4	1
25	Characterization of water based nanofluid for quench medium. IOP Conference Series: Materials Science and Engineering, 2018, 348, 012009.	0.6	2
26	The Preparation of Activated Carbon from Coconut Shell Charcoal by Novel Mechano-Chemical Activation. Materials Science Forum, 2018, 929, 50-55.	0.3	10
27	Characterization and observation of water-based nanofluids quench medium with carbon particle content variation. AIP Conference Proceedings, 2018, , .	0.4	5
28	Characterization of oil based nanofluid for quench medium. IOP Conference Series: Materials Science and Engineering, 2018, 299, 012068.	0.6	4
29	Investigation of column flotation process on sulphide ore using 2-electrode capacitance sensor: The effect of air flow rate and solid percentage. AIP Conference Proceedings, 2018, , .	0.4	0
30	The Hydrogen Adsorption Behavior of Mechano-Chemically Activated Carbon from Indonesian Low-rank Coal: Coupled Langmuir and Dubinin-Astakhov Isotherm Model Analysis. International Journal of Technology, 2018, 9, 993.	0.8	2
31	Electrical Capacitance Volume Tomography Validation of Column Flotation Process with Gas Injection Variation. Engineering Journal, 2018, 22, 215-227.	1.0	2
32	Effect of severe reduction on mechanical properties during hot rolling of Mg"1.6Gd alloys. Materials Research Express, 2017, 4, 034007.	1.6	5
33	Column flotation monitoring based on electrical capacitance volume tomography: A preliminary study. AIP Conference Proceedings, 2017, , .	0.4	1
34	Microstructure Transformation of Mg-1.6Gd during Hot Rolled at High Deformation Ratio. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012071.	0.6	1
35	The Effect of Flotation Reagents Addition (MIBC and PAX) on the Relative Permittivity Value Using 2-Electrode Capacitance Sensor. Procedia Engineering, 2017, 170, 369-372.	1.2	1
36	Low-Temperature Carbothermic Reduction of Indonesia Nickel Lateritic Ore with Sub-Bituminous Coal. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012019.	0.6	2

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37	Green and Smart Materials Properties Design and Production for Sustainable Future. International Journal of Technology, 2016, 7, 362.	0.8	2
38	Microstructure and Mechanical Properties of Extruded Mg-1.6Gd as Prospective Degradable Implant Materials. Advanced Materials Research, 2015, 1112, 462-465.	0.3	4
39	Hydrogen Adsorption Capacity Reduction of Activated Carbon Produced from Indonesia Low Rank Coal by Pelletizing. Sains Malaysiana, 2015, 44, 747-752.	0.5	3
40	Applications of a Green Chemistry Design, a Clean Environment, and Bioenergy to Promote the Sustainability and Added Value of Products. International Journal of Technology, 2015, 6, 1065.	0.8	2
41	Microalloying of Fe-Cr by using Ultrasonic Irradiation. International Journal of Technology, 2014, 5, 169.	0.8	3
42	The Effect of Addition of Multi Wall Carbon Nano Tubes (MWCNT) Reinforcement to the Characteristics of Carbon Composite Bipolar Plate. Advanced Materials Research, 2013, 634-638, 2060-2064.	0.3	0
43	Sulfuric Acid Leaching of Bangka Indonesia Ilmenite Ore and Ilmenite Decomposed by NaOH. Advanced Materials Research, 2013, 789, 522-530.	0.3	5
44	Properties of Fe-Mn-C Alloy as Degradable Biomaterials Candidate for Coronary Stent. Advanced Materials Research, 2013, 789, 210-214.	0.3	5
45	Thermogravimetric Analysis of the Reduction of Iron Ore with Hydroxyl Content. Advanced Materials Research, 2013, 774-776, 682-686.	0.3	6
46	Stability of the beta phase in Ti-Mo-Cr alloy fabricated by powder metallurgy. Journal of Mining and Metallurgy, Section B: Metallurgy, 2013, 49, 285-292.	0.8	19
47	The Effects of Carbon Black Loading on the Characteristics of Carbon Composite Bipolar Plate by Utilizing Graphite Waste Products. Applied Mechanics and Materials, 2012, 268-270, 104-110.	0.2	0
48	The Effects of Compression Pressure Applied on the Manufacture of Carbon Composite Bipolar Plate for PEMFC by Utilizing Graphite Waste Products. Advanced Materials Research, 2011, 421, 60-66.	0.3	1
49	Synthesis of TiO ₂ Nanofluids by Wet Mechanochemical Process. AIP Conference Proceedings, 2011, , .	0.4	5
50	Kinetic Study on the Leaching of Pt, Pd and Rh from Automotive Catalyst Residue by Using Chloride Solutions. Materials Transactions, 2006, 47, 2015-2024.	1.2	43
51	Leaching of Pt, Pd and Rh from Automotive Catalyst Residue in Various Chloride Based Solutions. Materials Transactions, 2006, 47, 129-135.	1.2	146
52	Remediation of Contaminated Soil by Fly Ash Containing Dioxins from Incineration by using Flotation. Materials Transactions, 2005, 46, 990-995.	1.2	11
53	Thermal Decomposition of NbCl ₅ in Reductive Atmosphere by Using Hydrogen Gas. Resources Processing, 2005, 52, 113-121.	0.4	4
54	Behavior of dioxin during thermal remediation in the zone combustion process. Chemosphere, 2002, 47, 687-693.	8.2	22

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55	Formation and transport of PCDD/Fs in the packed bed of soil containing organic chloride during a thermal remediation process. Chemosphere, 2002, 49, 217-224.	8.2	7
56	Thermal remediation of PCDD/Fs contaminated soil by zone combustion process. Chemosphere, 2000, 41, 857-864.	8.2	31
57	Remediation Technologies of Ash and Soil Contaminated by Dioxins and Relating Hazardous Compounds.. ISIJ International, 2000, 40, 266-274.	1.4	1
58	Corrosion Behavior of Fe-Mn-C Alloy as Degradable Materials Candidate Fabricated via Powder Metallurgy Process. Advanced Materials Research, 0, 576, 386-389.	0.3	9
59	Preparation, Decomposition and Characterizations of Bangka - Indonesia Ilmenite (FeTiO ₃) Derived by Hydrothermal Method Using Concentrated NaOH Solution. Advanced Materials Research, 0, 535-537, 750-756.	0.3	4
60	One-Dimensional ZnO Nanostructures by Wet-Chemistry Technique for Dye Sensitized Solar Cell Application. Advanced Materials Research, 0, 576, 406-412.	0.3	0
61	Controlling the Nanostructural Characteristics of TiO ₂ Nanoparticles Derived from Ilmenite Mineral of Bangka Island through Sulfuric Acid Route. Applied Mechanics and Materials, 0, 391, 34-40.	0.2	8
62	Hydrogen Adsorption Behavior of Mechanically Milled and Pelletized Coconut Shell Activated Carbon. Materials Science Forum, 0, 737, 98-104.	0.3	3
63	Reduction of Composite Pellet Containing Indonesia Lateritic Iron Ore as Raw Material for Producing TWDI. Applied Mechanics and Materials, 0, 281, 490-495.	0.2	7
64	Optimizing the Nanostructural Characteristics of Chemical Bath Deposition Derived ZnO Nanorods by Post-Hydrothermal Treatments. Advanced Materials Research, 0, 789, 132-137.	0.3	4
65	Influence of Oxygen on Microstructures of Ti-Mo-Cr Alloy. Advanced Materials Research, 0, 896, 613-616.	0.3	2
66	Additional of NaCl on Chloride Leaching of Gold Ore from Indonesian Artisanal Mining. IOP Conference Series: Materials Science and Engineering, 0, 515, 012032.	0.6	5