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Heri Septya Kusuma

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Citizenship : Indonesia

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Biography

Heri Septya Kusuma was born in 1991 in Bojonegoro City, Indonesia. He had published more than *50 papers* in international journals. He is a reviewer at several international journals. His main research interests are in the field of Biofuels, Physical Chemistry, Material Chemistry and Extraction of Natural Products. He is currently interested in using some materials that can be used as an adsorbent to absorb heavy metals and dye-sensitized solar cell and some methods that can be used for the extraction of natural products based on microwave and ultrasonic. Recently, he is interested in the extraction of essential oils and dyes and pigments using microwave-assisted extraction methods.

Skills & Activities

Skills natural products; essential oils; dyes and pigments; kinetic and modeling; extraction; microwave-assisted extraction; ultrasound-assisted extraction; heat and mass transfer; catalyst; biofuels; adsorbent; material chemistry; environmental chemistry; density functional theory; dye-sensitized solar cell; organic chemistry; green chemistry; drug delivery system; encapsulation; hydrogels

Languages English, Indonesian

Scientific Memberships Dewan Atsiri Indonesia (DAI) [Essential Oil Council of Indonesia]

Reviewers Asian Journal of Microbiology and Biotechnology
 Bioresources
 Bioscience Reports
 Chemical Engineering Communications
 Chemical Engineering Research and Design
 Chiang Mai Journal of Science
 Chinese Journal of Chemical Engineering
 Engineering in Agriculture, Environment and Food
 Ingenieria e Investigacion Journal
 Journal of Experimental Agriculture International
 Journal of Food Engineering
 Journal of Food Science and Technology
 Journal of Microwave Power and Electromagnetic Energy
 Journal of Saudi Chemical Society
 Journal of the Saudi Society of Agriculture Sciences
 Journal of the Taiwan Institute of Chemical Engineers
 Journal of Vaccines and Immunology
 Natural Product Research
 Revista Mexicana de Ingenieria Quimica
 The European Journal of Chemistry, Environment and Engineering Sciences
 Trends in Phytochemical Research
 Waste Management

Publications

Year	Authors	Title of work	Forms of work
2013	Heri Septya Kusuma, Mukhamad Ngainul Malawani, Taufik	Potret Negeri bahari di Bumi Nusantara	Book (Publisher: Laboratorium Geospasial Pesisir Parangtritis)

Year	Authors	Title of work	Forms of work
	Walinano, Darmadi, Aprilia Fitriani, Sindu Daniarta, Mohammad Fariz, Yoesep Budianto, Meilinda Widya Nugraha Barahima, Muhammad Mufli, Renita Purwanti, Nadidah Safitri, Luqman Hakim, Rudi Setiawan, Akhmad Fauzilhaq	(Kumpulan 15 Karya Tulis Ilmiah)	
2014	Heri Septya Kusuma	Efektifitas Penghambatan Fermentasi Legen menggunakan Kitosan Nanopartikel	Proceeding
2015	Heri Septya Kusuma, Achmad Farikhin Al-Sa'bani, Handoko Darmokoesoemo	N,O-Carboxymethyl Chitosan: An Innovation in New Natural Preservative from Shrimp Shell Waste with a Nutritional Value and Health Orientation	Procedia Food Science Vol. 3, 35-51 (Elsevier Publishing)
2015	Heri Septya Kusuma, Hendarta Agasi	Sintesis dan Aplikasi N,O-Karboksimetil Kitosan dari Limbah Kulit Udang sebagai Inhibitor Korosi	Prosiding Simposium Nasional Polimer IX hal. 102-111 (Perhimpunan Polimer Indonesia (HPI)) (Mei 2015)
2015	Heri Septya Kusuma, Achmad Farikhin Al-Sa'bani, Handoko Darmokoesoemo	Effective Inhibition of Fermentation Legen using Chitosan Nanoparticles	Journal of Molecular and Genetic Medicine Vol. 9, Issue 3, 1-4 DOI: 10.4172/1747-0862.1000173
2015	Heri Septya Kusuma, Mahfud Mahfud	Box-Behnken Design for Investigation of Microwave-Assisted Extraction of Patchouli Oil	AIP Conference Proceedings Vol. 1699, 050014-1—050014-11 DOI: 10.1063/1.4938350
2015	Heri Septya Kusuma, Robby Ginanjar Margo Sudrajat, David Febrilliant Susanto,	Response Surface Methodology (RSM) modeling of microwave-assisted extraction of natural dye from <i>Swietenia</i>	AIP Conference Proceedings Vol. 1699, 050009-1—050009-8 DOI: 10.1063/1.4938345

Year	Authors	Title of work	Forms of work
	Selfina Gala, Mahfud Mahfud	<i>mahagony</i> : A comparison between Box-Behnken and central composite design method	
2015	Heri Septya Kusuma, Mahfud	Pengaruh Daya dan Rasio Bahan pada Ekstraksi Kayu Cendana (<i>Santalum album</i>) dengan Metode <i>Microwave Hydrodistillation</i> : Optimasi menggunakan <i>Response Surface Methodology</i>	Jurnal Teknik Kimia Vol. 10, No. 1, hal. 19-25, September 2015 (Jurusan Teknik Kimia-UPN "Veteran" Jawa Timur)
2015	Heri Septya Kusuma, Mahfud Mahfud	Extraction of Essential Oils from <i>Pogostemon cablin</i> Leaves using Microwave-Assisted Hydrodistillation and Comparison with Conventional Methods: Extraction Kinetics, Yield, Energy Consumption and Environmental Considerations	Proceeding International Conference The 4 th Indonesia EBTKE-ConEx 2015 Vol. 4, No. 4, 97-105, August 2015
2015	Heri Septya Kusuma, Mahfud Mahfud	Preliminary Study: Kinetics of Oil Extraction from Sandalwood by Microwave-assisted Hydrodistillation	ASEAN Journal of Chemical Engineering Vol. 15, No. 2, 62-69
2016	Kusuma HS, Putra AFP, Mahfud M	Comparison of Two Isolation Methods for Essential Oils from Orange Peel (<i>Citrus auranticum</i> L.) as a Growth Promoter for Fish: Microwave Steam Distillation and Conventional Steam Distillation	Journal of Aquaculture Research and Development Vol. 7, Issue 2, 1-5 DOI: 10.4172/2155-9546.1000409
2016	H. S. Kusuma, R. I. Sholihuddin, M. Harsini, H. Darmokoesoemo	Electrochemical Degradation of Malachite Green Dye using Carbon/TiO ₂ Electrodes	Journal of Materials and Environmental Science Vol. 7, Issue 4, 1454-1460

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2016	H. S. Kusuma, M. Mahfud	The Extraction of Essential Oil from Sandalwood (<i>Santalum album</i>) by Microwave Air-Hydrodistillation Method	Journal of Materials and Environmental Science Vol. 7, Issue 5, 1597-1606
2016	H. S. Kusuma, M. Mahfud	Response Surface Methodology for Optimization Studies of Microwave-assisted Extraction of Sandalwood Oil	Journal of Materials and Environmental Science Vol. 7, Issue 6, 1958-1971
2016	Heri Septya Kusuma, Prilia Dwi Amelia, Cininta Admiralia, Mahfud Mahfud	Kinetic Study of Oil Extraction from <i>Citrus auranticum</i> L. by Solvent-Free Microwave Extraction	Communications in Science and Technology Vol. 1, Issue 1, 15-18
2016	O.S.R. Pasanda, A. Azis, H.S. Kusuma	Utilization of Waste Seaweed through Pretreatment with Liquid Hot Water Method and Simultaneous Fermentation using Bacteria <i>Clostridium thermocellum</i>	Journal of Materials and Environmental Science Vol. 7, Issue 7, 2526-2533
2016	Heri Kusuma, Ditta Putri, Intan Dewi, Mahfud Mahfud	Solvent-Free Microwave Extraction as the Useful Tool for Extraction of Edible Essential Oils	Chemistry and Chemical Technology Vol. 10, No. 2, 213-218
2016	H. Darmokoesoemo, M. R. Habibulah, M. Harsini, H. S. Kusuma	Electrochemical Degradation of Methanyl Yellow using Carbon/ZnO Electrode	Journal of Materials and Environmental Science Vol. 7, Issue 8, 2731-2738
2016	Heri Septya Kusuma, Mahfud Mahfud	Chemical composition of essential oil of Indonesia sandalwood extracted by microwave-assisted hydrodistillation	AIP Conference Proceedings Vol. 1755, 050001-1–050001-6 DOI: 10.1063/1.4958484
2016	Heri Septya Kusuma, Mahfud Mahfud	Preliminary study: Kinetics of oil extraction from basil (<i>Ocimum basilicum</i>) by microwave-assisted	South African Journal of Chemical Engineering Vol. 21, 49-53 DOI: 10.1016/j.sajce.2016.06.001

Year	Authors	Title of work	Forms of work
		hydrodistillation and solvent-free microwave extraction	
2016	H. Darmokoesoemo, F.R. Setianingsih, T.W.L.C. Putranto, H.S. Kusuma	Horn snail (<i>Telescopium</i> sp) and mud crab (<i>Scylla</i> sp) shells powder as low cost adsorbents for removal of Cu ²⁺ from synthetic wastewater	RASAYAN Journal of Chemistry Vol. 9, No. 4, 550-555
2016	Purkan, Ihsanawati, D. Natalia, Y. M. Syah, D. S. Retnoningrum, H. S. Kusuma	Mutation of <i>katG</i> in a clinical isolate of <i>Mycobacterium tuberculosis</i> : Effects on catalase-peroxidase for isoniazid activation	The Ukrainian Biochemical Journal Vol. 88, No. 5, 71-81 DOI:10.15407/ubj88.05.071
2016	Ike Dayi Febriana, Heri Septya Kusuma , Selfina Gala, Mahfud Mahfud	The effect of temperature on extraction of <i>Swietenia Mahagoni</i> by ultrasound-assisted extraction (UAE) method	ASEAN Journal of Chemical Engineering Vol. 16, No. 2, 44-49
2016	H. Darmokoesoemo, Magdhalena, T.W.L.C. Putranto, H.S. Kusuma	Telescope snail (<i>Telescopium</i> sp) and mangrove crab (<i>Scylla</i> sp) as adsorbent for the removal of Pb ²⁺ from aqueous solutions	RASAYAN Journal of Chemistry Vol. 9, No. 4, 680-685
2017	Heri Septya Kusuma , Mahfud Mahfud	The extraction of essential oils from patchouli leaves (<i>Pogostemon cablin</i> Benth) using a microwave air-hydrodistillation method as a new green technique	RSC Advances Vol. 7, 1336-1347 DOI: 10.1039/c6ra25894h
2017	Handoko Darmokoesoemo, Arista Rahma Fidayanti, Harsasi Setyawati, Heri Septya Kusuma	Synthesis of complex compounds Ni(II)-chlorophyll as dye sensitizer in dye sensitizer solar cell (DSSC)	Korean Chemical Engineering Research Vol. 55, No. 1, 19-26 DOI: 10.9713/kcer.2017.55.1.19
2017	H. Darmokoesoemo, N. Widayanti, M.	Analysis of uric acid using carbon paste electrodes modified by molecularly	RASAYAN Journal of Chemistry Vol. 10, No. 1, 54-58 DOI: 10.7324/RJC.2017.1011558

Year	Authors	Title of work	Forms of work
	Khasanah, H.S. Kusuma	imprinted polymer as potentiometry sensor	
2017	H. Darmokoesoemo, L. Kustyarini, M. Khasanah, H.S. Kusuma	Analysis of glucose by potentiometry using electrode carbon paste/molecularly imprinted polymer (MIP) with metacrylic acid as monomer	RASAYAN Journal of Chemistry Vol. 10, No. 1, 64-68 DOI: 10.7324/RJC.2017.1011559
2017	M. Mahfud, D.K.Y. Putri, I.E.P. Dewi, H.S. Kusuma	Extraction of essential oil from cananga (<i>Cananga odorata</i>) using solvent-free microwave extraction: A preliminary study	RASAYAN Journal of Chemistry Vol. 10, No. 1, 86-91 DOI: 10.7324/RJC.2017.1011562
2017	Heri Septya Kusuma , Mahfud Mahfud	Microwave hydrodistillation for extraction of essential oil from <i>Pogostemon cablin</i> Benth: Analysis and modelling of extraction kinetics	Journal of Applied Research and Medicinal and Aromatic Plants Vol. 4, 46-54 DOI: 10.1016/j.jarmap.2016.08.001
2017	Heri Septya Kusuma , Mahfud Mahfud	Comparison of conventional and microwave-assisted distillation of essential oil from <i>Pogostemon cablin</i> leaves: Analysis and modelling of heat and mass transfer	Journal of Applied Research and Medicinal and Aromatic Plants Vol. 4, 55-65 DOI: 10.1016/j.jarmap.2016.08.002
2017	H.S. Kusuma , M. Mahfud	Kinetic studies on extraction of essential oil from sandalwood (<i>Santalum album</i>) by microwave air-hydrodistillation method	Alexandria Engineering Journal DOI: 10.1016/j.aej.2017.02.007
2017	Heri Septya Kusuma , Mahfud Mahfud	Microwave-assisted hydrodistillation for extraction of essential oil from patchouli (<i>Pogostemon cablin</i>) leaves	Periodica Polytechnica Chemical Engineering Vol. 61, No. 2, 82-92 DOI: 10.3311/PPch.8676

Year	Authors	Title of work	Forms of work
2017	H. Darmokoesoemo, H. Setyawati, A.T.A. Ningtyas, H.S. Kusuma	The study of effect of metal ion Fe(III) on the chlorophyll as potential photosensitizer on dye sensitized solar cell	RASAYAN Journal of Chemistry Vol. 10, No. 2, 313-318 DOI: 10.7324/RJC.2017.1021561
2017	H. Darmokoesoemo, M. Khasanah, N.M. Sari, H.S. Kusuma	Analysis of creatinine by potentiometric using electrode carbon paste modified by molecularly imprinted polymer as sensor	RASAYAN Journal of Chemistry Vol. 10, No. 2, 450-453 DOI: 10.7324/RJC.2017.1021560
2017	Miratul Khasanah, Handoko Darmokoesoemo, Lendhy Kustyarini, Yassine Kadmi, Hicham Elmsellem, Heri Septya Kusuma	Development of electrode carbon paste/molecularly imprinted polymer (MIP) with methacrylic acid as monomer to analyze glucose by potentiometry	Results in Physics Vol. 7, 1781-1791 DOI: 10.1016/j.rinp.2017.05.015
2017	Miratul Khasanah, Handoko Darmokoesoemo, Nunung Mareta Sari, Yassine Kadmi, Hicham Elmsellem, Heri Septya Kusuma	Development of electrode carbon paste modified by molecularly imprinted polymer as sensor for analysis of creatinine by potentiometric	Results in Physics Vol. 7, 1808-1817 DOI: 10.1016/j.rinp.2017.05.012
2017	Miratul Khasanah, Handoko Darmokoesoemo, Nesti Widayanti, Yassine Kadmi, Hicham Elmsellem, Heri Septya Kusuma	Development of carbon paste electrodes modified by molecularly imprinted polymer as potentiometry sensor of uric acid	Results in Physics Vol. 7, 1833-1844 DOI: 10.1016/j.rinp.2017.05.013
2017	Mahfud Mahfud, M. Dwiki Darmawan, Derrick Hertha Diamanta, Heri Septya Kusuma	Extraction of essential oil from bangle (<i>Zingiber purpureum</i> Roxb.) by hydrodistillation and steam distillation methods	Journal of Chemical Technology and Metallurgy Vol. 52, No. 5, 791-796
2017	H.S. Kusuma , M.E. Syahputra, D.	Optimization of microwave hydrodistillation of dried	RASAYAN Journal of Chemistry Vol. 10, No. 3, 861-865 DOI: 10.7324/RJC.2017.1031763

Year	Authors	Title of work	Forms of work
	Parasandi, A. Altway, M. Mahfud	patchouli leaves by response surface methodology	
2017	Heri Septya Kusuma , Ali Altway, Mahfud Mahfud	A preliminary study of patchouli oil extraction by microwave air-hydrodistillation method	Korean Chemical Engineering Research Vol. 55, No. 4, 510-513 DOI: 10.9713/kcer.2017.55.4.510
2017	Heri Septya Kusuma , Taufik Imam Rohadi, Edwin Fatah Daniswara, Ali Altway, Mahfud Mahfud	Preliminary study: Comparison of kinetic models of oil extraction from vetiver (<i>Vetiveria zizanioides</i>) by microwave hydrodistillation	Korean Chemical Engineering Research Vol. 55, No. 4, 574-577 DOI: 10.9713/kcer.2017.55.4.574
2017	Kusuma, H.S. , Mahfud, M.	GC-MS analysis of essential oil of <i>Pogostemon cablin</i> growing in Indonesia extracted by microwave-assisted hydrodistillation	International Food Research Journal Vol. 24, No. 4, 1525-1528
2017	Kusuma, H.S. , Mahfud, M.	Comparison of kinetic models of oil extraction from sandalwood by microwave-assisted hydrodistillation	International Food Research Journal Vol. 24, No. 4, 1697-1702
2017	Harsasi Setyawati, Handoko Darmokoesoemo, Anggy Tamara Ayu Ningtyas, Yassine Kadmi, Hicham Elmsellem, Heri Septya Kusuma	Effect of metal ion Fe(III) on the performance of chlorophyll as photosensitizers on dye sensitized solar cell	Results in Physics Vol. 7, 2907-2918 DOI: 10.1016/j.rinp.2017.08.009
2017	Handoko Darmokoesoemo, Pratiwi Pudjiastuti, Bagus Rahmatullah, Heri Septya Kusuma	Novel drug delivery carrier from alginate-carrageenan and glycerol as plasticizer	Results in Physics Vol. 7, 2979-2989 DOI: 10.1016/j.rinp.2017.08.014
2018	K. Bouayad, Y. Kandri Rodi, H. Elmsellem, E. H. El Ghadraoui, Y. Ouzidan, I. Abdel-	Imidazo[4,5-b]pyridines as a new class of corrosion inhibitors for mild steel:	Moroccan Journal of Chemistry Vol. 6, No. 1, 22-34

Year	Authors	Title of work	Forms of work
	Rahman, H. S. Kusuma, I. Warad, J. T. Mague, E. M. Essassi, B. Hammouti, A. Chetouani	Experimental and DFT approach	
2018	Eko Prasetyo Kuncoro, Dwi Ratri Mitha Isnadina, Handoko Darmokoesoemo, Fembriany Dzembarahmatiny, Heri Septya Kusuma	Characterization and isotherm data for adsorption of Cd ²⁺ from aqueous solution by adsorbent from mixture of bagasse-bentonite	Data in Brief Vol. 16, 354-360 DOI: 10.1016/j.dib.2017.11.060
2018	Eko Prasetyo Kuncoro, Dwi Ratri Mitha Isnadina, Handoko Darmokoesoemo, Oktiani Rahmanita Fauziah, Heri Septya Kusuma	Characterization, kinetic, and isotherm data for adsorption of Pb ²⁺ from aqueous solution by adsorbent from mixture of bagasse-bentonite	Data in Brief Vol. 16, 622-629 DOI: 10.1016/j.dib.2017.11.098
2018	Eko Prasetyo Kuncoro, Thin Soedarti, Trisnadi Widyaleksono Catur Putranto, Handoko Darmokoesoemo, Nanda Rizki Abadi, Heri Septya Kusuma	Characterization of a mixture of algae waste-bentonite used as adsorbent for the removal of Pb ²⁺ from aqueous solution	Data in Brief Vol. 16, 908-913 DOI: 10.1016/j.dib.2017.12.030
2018	Heri Septya Kusuma , Ali Altway, Mahfud Mahfud	Solvent-free microwave extraction of essential oil from dried patchouli (<i>Pogostemon cablin</i> Benth) leaves	Journal of Industrial and Engineering Chemistry Vol. 58, 343-348 DOI: 10.1016/j.jiec.2017.09.047
2018	Yantus A.B. Neolaka, Ganden Supriyanto, Handoko Darmokoesoemo, Heri Septya Kusuma	Characterization, kinetic, and isotherm data for Cr(VI) removal from aqueous solution by Cr(VI)-imprinted poly(4-VP-co-MMA) supported on activated Indonesia (Ende-	Data in Brief Vol. 17, 969-979 DOI: 10.1016/j.dib.2018.01.076

Year	Authors	Title of work	Forms of work
		Flores) natural zeolite structure	
2018	Yantus A.B. Neolaka, Ganden Supriyanto, Handoko Darmokoesoemo, Heri Septya Kusuma	Characterization, isotherm, and thermodynamic data for selective adsorption of Cr(VI) from aqueous solution by Indonesia (Ende-Flores) natural zeolite Cr(VI)-imprinted-poly(4-VP-co-EGDMA)-ANZ (IIP-ANZ)	Data in Brief Vol. 17, 1020-1029 DOI: 10.1016/j.dib.2018.01.081
2018	Aviarina Widya Ismanto, Heri Septya Kusuma , Mahfud Mahfud	Solvent-free microwave extraction of essential oil from <i>Melaleuca leucadendra</i> L.	MATEC Web of Conferences Vol. 156 DOI: 10.1051/mateconf/201815603007
2018	Mahfud Mahfud, Andi Suryanto, Lailatul Qadariah, Suprpto Suprpto, Heri Septya Kusuma	Production of methyl ester from coconut oil using microwave: Kinetic of transesterification reaction using heterogeneous CaO catalyst	Korean Chemical Engineering Research Vol. 56, No. 2, 275-280 DOI: 10.9713/kcer.2018.56.2.275
2018	Handoko Darmokoesoemo, Suyanto Suyanto, Leo Satya Anggara, Andrew Nosakhare Amenaghawon, Heri Septya Kusuma	Application of carboxymethyl chitosan-benzaldehyde as anticorrosion agent on steel	International Journal of Chemical Engineering Vol. 2018, 1-9 DOI: 10.1155/2018/4397867
2018	Yantus A.B. Neolaka, Ganden Supriyanto, Heri Septya Kusuma	Adsorption performance of Cr(VI)-imprinted poly(4-VP-co-MMA) supported on activated Indonesia (Ende-Flores) natural zeolite structure for Cr(VI) removal from aqueous solution	Journal of Environmental Chemical Engineering Vol. 6, 3436-3443 DOI: 10.1016/j.jece.2018.04.053
2018	Rismawati Rasyid, Rahmaniah Malik, Heri Septya Kusuma ,	Triglycerides hydrocracking reaction of nyamplung oil with non-sulfided CoMo/ γ -Al ₂ O ₃ catalysts	Bulletin of Chemical Reaction Engineering and Catalysis Vol. 13, No. 2, 196-203

Year	Authors	Title of work	Forms of work
	Achmad Roesyadi, Mahfud Mahfud		DOI: 10.9767/bcrec.13.2.734.196-203

Conferences

Year	Name of conferences	Organizers
2014	National Student Conference 2014 "Proyeksi Kedaulatan Migas Indonesia sebagai Fondasi Ketahanan Energi Nasional [Projection of Indonesian Oil and Gas Sovereignty as the Foundation of National Energy Resilience]"	Universitas Gadjah Mada, Indonesia
2014	Seminar Nasional Kedaulatan Ekonomi dalam Penguatan Industri Jamu menuju Jawa Tengah Sejahtera dan Berdikari [National Seminar on Economic Sovereignty in Strengthening Herbal Medicine Industry to Central Java Prosperous and Self-Reliance]	Faculty of Animal and Agricultural Sciences, Universitas Diponegoro, Indonesia
2014	International Symposium on Food and Agrobiodiversity "Managing Biosafety and Biodiversity of Food from Local to Global Industries"	Faculty of Animal and Agricultural Sciences, Universitas Diponegoro, Indonesia
2014	Simposium Nasional Polimer IX 2014 "Peran Penelitian dan Industri Polimer dalam Mengurangi Ketergantungan Bahan Baku Produk Polimer dan Kebutuhan Energi Nasional" [National Symposium of Polymers IX 2014 "The Role of Polymer Research and Industry in Reducing the Dependence of Raw Materials from Polymer Products and the Needs of National Energy"]	Perhimpunan Polimer Indonesia (HPI) Pusat Penelitian Fisika – LIPI [Indonesian Polymers Association (HPI) and Center for Physical Research-Indonesian Institute of Sciences]
2015	Research Dissemination Workshop "Mobile Technology for Indonesia Biofuels-Specific Case of Rubber Smallholder Waste Stream Biorefinery"	University of Groningen
2015	Seminar Nasional Teknik Kimia Soeardjo Brotohardjono XI "Waste to Chemical Products and Energy" [National Seminar on Chemical Engineering Soeardjo Brotohardjono XI "Waste to Chemical Products and Energy"]	Department of Chemical Engineering, Faculty of Industrial Technology, UPN "Veteran" Jawa Timur, Indonesia

Year	Name of conferences	Organizers
2015	The 4 th Indonesia EBTKE-ConEx 2015 “New Renewable Energy and Energy Conservation Conference and Exhibition”	ESDM EBTKE [Directorate of Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources, Indonesia]
2015	The 2 nd International Conference on Chemical and Material Engineering 2015 (2 nd ICCME 2015)	Department of Chemical Engineering, Universitas Diponegoro, Indonesia
2015	1 st International Conference on Science and Technology (ICST) 2015	Universitas Gadjah Mada, Indonesia
2016	The 2016 International Symposium for Young Chemical Engineers (2016 iSyCE)	National Taiwan University of Science and Technology, Taiwan
2016	International Conference on Chemical Process and Product Engineering 2016 (ICCPPE 2016)	Department of Chemical Engineering, Universitas Diponegoro, Indonesia
2017	3 rd International Conference on Science and Technology (ICST) 2017	Universitas Gadjah Mada, Indonesia
2017	1 st International Conference of Essential Oil (ICEO) 2017	Institut Atsiri (Essential Oil Institute), Universitas Brawijaya, Indonesia
2017	The International Conference on Natural Products and Bioresource Science 2017 (ICONPROBIOS 2017)	Balai Penelitian Teknologi Bahan Alam-Lembaga Ilmu Pengetahuan Indonesia (BPTBA-LIPI) [Research Unit for Natural Product Technology, Indonesian Institute of Sciences]