

### BEC LECTURES' PUBLICATIONS LIST IN THE LAST 5 YEARS

Year	Title	Journal Name	Author
2018	The use of Copper Oxides Supported Onto Biogenic Silica from the Leaves of <i>Dendrocalamus Asper</i> for Degradation of Congo Red 34, 3, 2018 <a href="http://www.orientjchem.org/vol34no3/the-use-of-copper-oxides-supported-onto-biogenic-silica-from-the-leaves-of-dendrocalamus-asper-for-degradation-of-congo-red/">http://www.orientjchem.org/vol34no3/the-use-of-copper-oxides-supported-onto-biogenic-silica-from-the-leaves-of-dendrocalamus-asper-for-degradation-of-congo-red/</a>	Oriental Journal of gtyfChemistry	A.K. Prodjosantoso
2018	Hydration of Strontium-doped Monocalcium Aluminate 34, 1, 2018 <a href="http://www.orientjchem.org/pdf/vol34no1/OJC_Vol34_No1_p_444-449.pdf">http://www.orientjchem.org/pdf/vol34no1/OJC_Vol34_No1_p_444-449.pdf</a>	Oriental Journal of Chemistry	A.K. Prodjosantoso
2018	Preparation and Characterization of Indonesian Natural Zeolite-Supported PbO Photocatalysts 30, 8, 2018 <a href="http://doi.org/10/14233/ajchem.2018.21036">http://doi.org/10/14233/ajchem.2018.21036</a>	Asian Journal Of Chemistry	A.K. Prodjosantoso
2018	Hydrothermal Synthesis of Chloride Free Nitrogen Doped TiO <sub>2</sub> Nanoparticles 30, 6, 2018 <a href="http://doi.org/10/14233/ajchem.2018.21140">http://doi.org/10/14233/ajchem.2018.21140</a>	Asian Journal Of Chemistry	A.K. Prodjosantoso
2018	N-Doped TiO <sub>2</sub> /CdS Nanocomposite Films: Silar Synthesis, Characterization and Application in Quantum Dots Solar Cell 34, 3, 2018 <a href="http://dx.doi.org/10.13005/ojc/340313">http://dx.doi.org/10.13005/ojc/340313</a>	Oriental Journal of Chemistry	A.K. Prodjosantoso
2018	Structural Analysis of Powder Complex of Cu(bipy) <sub>3</sub> (CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>x</sub> (x = 0.5, 1)	Chiang Mai J. Sci., 2018; 45(4),1944-1952	K.H. Sugiyarto
2018	Structural Analysis of Powder Manganese(II) of 1,10-phenanthroline (phen) as Ligand and Trifluoroacetate (TFA) Counter anion	Oriental Journal of Chemistry, 2018, 34(2), 735-742	K.H. Sugiyarto
2018	Synthesis and Sructural Analysis of Powder Complexes of Tris(bipyridine)cobalt(II) Trifluoromethanesulfonate	Indonesian Journal of Chemistry, 2018, 18 (4), 696 - 701	K.H. Sugiyarto

Year	Title	Journal Name	Author
	Octahydrate		
2018	Structural Analysis of Powder Tris(phenanthroline)nickel(II) Trifluoroacetate	Chiang Mai J. Sci., 2018; 45(7),2768-2778	K.H. Sugiyarto
2018	Lala Clam ( <i>Orbicularia Orbiculata</i> ) Shell as an Adsorbent for Anionic and Cationic Dyes from Aqueous Solution	Fresenius Environmental Bulletin, Vol 27 – No. 5A/2018 pages 3386-339	Endang WLFX
2018	Meaningful Biochemistry Learning Using the Orientation-Decision-Do-Discuss Reflect (OD3R) Method	International Journal of Instruction, Vol 11, no 3	Endang WLFX
2018	Development and Validation of an Integrated Assessment for Measuring Critical Thinking and Chemical Literacy in Chemical Equilibrium	International Journal of Instruction, Vol 11, no 3	Endang WLFX
2018	Problem-based learning implementation to develop critical thinking and science process skills of madrasah Aliyah students in Yogyakarta <a href="http://iopscience.iop.org/article/10.1088/1742-6596/1097/1/012059">http://iopscience.iop.org/article/10.1088/1742-6596/1097/1/012059</a>	J.Phys.: Conf. Ser., Vol 1097, 012059,	Endang WLFX
2018	Development and Validation of an Integrated Assessment Instrument to Assess Students' Analytical Thinking Skills in Chemical Literacy <a href="https://doi.org/10.12973/iji.2018.11416a">https://doi.org/10.12973/iji.2018.11416a</a>	International Journal of Instruction, Vol 11, no 4	Endang WLFX
2018	The ability of analytical thinking and chemistry literacy in high school students learning <a href="http://iopscience.iop.org/article/10.1088/1742-6596/1097/1/012061">http://iopscience.iop.org/article/10.1088/1742-6596/1097/1/012061</a>	J.Phys.: Conf. Ser., Vol 1097, 012061	Endang WLFX
2018	Potential Bioactive Compounds Isolated from <i>Boesenbergia rotunda</i> as Antioxidant and Antimicrobial Agents	Pharmacogn J. 2018; 10(1): 73-78 (SJR Q3)	Sri Atun, Sri Handayani
2018	Effect of Science-Technology-Society Approach on Senior High School Students' Scientific Literacy and Social Skills	Journal of TURKISH SCIENCE EDUCATION Volume 15, Issue 2, June 2018	Sri Atun

Year	Title	Journal Name	Author
2018	The Influence of Technological Pedagogical and Content Knowledge (TPACK) Approach on Science Literacy and Social Skills	Journal of TURKISH SCIENCE EDUCATION Volume 15, Issue 3, 2018	Sri Atun
2018	Analysis of students' science literacy concerning chemical equilibrium	AIP Conference Proceedings 2021, 080006 (2018); doi: 10.1063/1.5062825	Sri Atun
2018	Study of Potential Phenolic Compounds from Stems of <i>Dendrophthoe falcata</i> (Loranthaceae) Plant as Antioxidant and Antimicrobial Agents	ORIENTAL JOURNAL OF CHEMISTRY Vol. 34, No. (5): Pg. 2342-2349	Sri Atun, Sri Handayani
2018	Science Technology Society (STS) learning approach: an effort to improve students' learning outcomes	Journal of Physics: Conference Series IOP Conf. Series: Journal of Physics: Conf. Series 1097 (2018) 012062 doi :10.1088/1742-6596/1097/1/012062	Sri Atun
2018	The profile of students' views of nature of science (NOS) in Junior High School of Yogyakarta city	AIP Conference Proceedings 2014, 020092 (2018); doi: 10.1063/1.5054496	Sri Atun
2018	The Effect of Sintering Temperatures of TiO <sub>2</sub> (B) Nanotubes on Its Microstructure	Science of Sintering Vol.5, No.3, Hal: 291-298. Thn. 2018	Hari Sutrisno, Endang Dwi Siswani
2018	Physicochemical Properties Of Sn(Si <sub>1-x</sub> Te <sub>x</sub> ) Solid Solutions of Both Massive Materials and Thin Films	Chalcogenide Letters, Vol. 15, No. 3, Hal. 173 -180	Hari Sutrisno
2018	Structural Analysis of Powdered Manganese(II) of 1,10-Phenanthroline (phen) as Ligand and Trifluoroacetate (TFA) as Counter anion	Oriental Journal of Chemistry, Vol. 34, No.(2):Hal. 735-742	Hari Sutrisno
2018	Structural and Optical Properties of AgCl-Sensitized TiO <sub>2</sub> (TiO <sub>2</sub> @AgCl) Prepared by a Reflux Technique under Alkaline Condition	Ceramica, VoL 64, Hal. 190-196	Hari Sutrisno
2018	Electronic Structure of Vanadium-Doped TiO <sub>2</sub> of Both Anatase and Rutile Based on Density Functional Theory (DFT) Approach	ALCHEMY Jurnal Penelitian Kimia. Vol. 14, No. 1, Hal. 60-71.	Hari Sutrisno
2018	Swimming Pool Water Treatment by Electrocoagulation	internasional, Biological and Chemistry	Suyanta, Sunarto

Year	Title	Journal Name	Author
	Technicque with Aluminum-Graphite Electrode.	Research, May 25 2018	
2018	Chloroplatinum(II) complex-modified MWCNTs paste electrode for electrochemical determination of mercury in skin lightening cosmetics.	International, Electrochemica acta	Suyanta
2018	Novel One Pot Synthesis of Alkaline-reduced Iron Oxide/graphene Nanocomposites for Amperometric Non-enzymatic Glucose Sensor	International Journal of Electroche,mical Science	Suyanta
2018	The Effect of Problem Base Learning Methods on Student Learning Independence Learning in High School	International conference on Chemistry, HKI dan UNCen	Suyanta
2018	Standard Quality and Antibacterial Activity Tests of Clove Oil in Solid Soap Production Against Staphylococcus Aureus, Staphylococcus Epidermidis and Escherichia Coli	Oriental Journal of Chemistry (Orient. J.Chem) ISSN: 0970-020X, Online ISSN: 2231-5039 Coden:OJCHEG 2018, vol.34, No. (5): Pg. 2410-2417 DOI : <a href="http://dx.doi.org/10.13005/ojc/340524">http://dx.doi.org/10.13005/ojc/340524</a>	Susila Kristianingrum, Sri Handayani
2018	UNDERGRADUATE STUDENTS' SCIENCE PROCESS SKILLS IN TERMS OF SOME VARIABLES: A PERSPECTIVE FROM INDONESIA	Journal of Baltic Science Education, 17(5),	Eli Rohaeti
2018	Promoting Critical Thinking and Problem Solving Skills of Preservice Elementary Teachers through Process-Oriented Guided-Inquiry Learning (POGIL)	International Journal of Instruction, 11(4)	Eli Rohaeti
2018	The investigation of university students' science process skills and chemistry attitudes at the laboratory course	Asia-Pacific Forum on Science Learning and Teaching, 19(2)	Eli Rohaeti
2018	Application of silver nanoparticles synthesized by using Ipomoea batatas L. waste to improve antibacterial properties and hydrophobicity of polyester cloths	Chiang Mai Journal of Science, 45(7)	Eli Rohaeti
2018	Mechanical Properties and Antibacterial Activity of Cellulose Composite Based Coconut Water with Addition Glycerol, Chitosan, and Silver Nanoparticle	Oriental Journal of Chemistry, 34(3), 1341-1349	Eli Rohaeti

<b>Year</b>	<b>Title</b>	<b>Journal Name</b>	<b>Author</b>
2018	Application of Terminalia catappa in preparation of silver nanoparticles to develop antibacterial nylon	Oriental Journal of Chemistry. 34(3), 1341-1349	Eli Rohaeti
2018	Learning Outcome of Students on Chemondro Media (Chemistry on Android) with Flipped Classroom Model on Electrolyte Solution	Advances in Social Science, Education and Humanities Research	Jaslin Ikhsan
2018	Effects of Using Media of Chemondro and Video Conference on Teaching Learning towards Students' Self-Efficacy and Students' Self-Regulated Learning on the Subject of Hydrocarbon	EDUCATUM JSMT Vol. 5 No. 1 (1-8) <a href="https://ejournal.upsi.edu.my/journal/EDSC">https://ejournal.upsi.edu.my/journal/EDSC</a>	Jaslin Ikhsan
2018	Influence of Virtual Chemistry Laboratory Utilization (V-Lab) toward Self-Regulated Learning	Journal of Physics: Conference Series, 2018, 1097, 1, 012067	Jaslin Ikhsan
2018	Developing ChemonDro Application on Redox Concepts to Improve Self-Regulated Learning of Students	Journal of Physics: Conference Series, 2018, 1097, 1, 012055	Jaslin Ikhsan
2018	The profile of students' self-efficacy using virtual chem lab in hybrid learning	Journal of Physics: Conference Series, 2018, 1097, 1, 012060	Jaslin Ikhsan
2018	Fostering of students' self-regulated learning and achievement: a study on hydrocarbon hybrid-learning and android-based-game	Journal of Physics: Conference Series, 2018, 1097, 1, 012064	Jaslin Ikhsan
2018	Phosphate and nitrate sorption by amine-modified silica as the study of slow release fertilizer	Journal of Physics: Conference Series, 2018, 1097, 1, 012048	Jaslin Ikhsan
2018	Exploring Metacognitive Judgment of Chemistry Teacher Candidates on Chemical Reading Activity	International Journal of Instruction October 2018, Vol.11, No.4 p-ISSN: 1694-609X pp. 75-92	Crys Fajar Partana
2018	Exploration of Procedural Knowledge of Bilingual Students in Chemical Equilibrium Problem Solving	EDUCATUM JSMT Vol. 5 No. 1 (2018)	Crys Fajar Partana
2018	Preparation and Characterization of Indonesian Natural Zeolite-Supported PbO Photocatalyst.	Asian Journal of Chemistry 30(8): 2018,, 1787-1790 · DOI: 10.14233/ajchem.2018.21306	Pranjoto Utomo
2018	The use of Copper Oxides Supported Onto Biogenic Silica	Oriental Journal of Chemistry, Volum 34,	Pranjoto Utomo

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	from the Leaves of Dendrocalamus Asper for Degradation of Congo Red	halaman 1303-1311	
2018	The effect of multiple representation approach on students' creative thinking skills: A case of 'Rate of Reaction' topic	Journal of Physics: Conf. Series 1097 (012054)	( <b>Antuni Wiyarsi</b> , Hari Sutrisno, Eli Rohaeti)
2018	Fostering Student's Self-Regulated Learning and Achievement: A Study on Hydrocarbon Hybrid Learning and Android-Based-Game	Journal of Physics: Conf. Series 1097 (012054)/	(Nur Fitriyana, <b>Antuni Wiyarsi</b> , KH. Sugiyarto, Jaslin Ikhsan)
2018	Enhancing the character of students' responsibility through context-based chemistry learning in vocational high school	Proceeding 3th INCOTEPD. Character Education for 21st Century Global Citizens – Taylor & Francis Group, London	(Antuni Wiyarsi, Heru Pratomo, Erfan Priyambodo)
2018	The Profile of Students' Self-Efficacy on Hydrocarbon Hybrid Learning and Android-Based-Game	International Journal on Trends in Education and Their Implication (terindeks Copernicus) Vol.9 No.2, p.1-15	(Nur Fitriyana, <b>Antuni Wiyarsi</b> , KH. Sugiyarto, Jaslin Ikhsan)
2018	Enhancing of Preservice Chemistry Teachers' Self-Efficacy Through The Preparation of Pedagogical Content Knowledge in Vocational Context	Jurnal Pendidikan Sains (DOAJ)	<b>Antuni Wiyarsi</b>
2018	Penyuluhan Alat Deteksi Kesadahan dalam Air Berbasis Light Dependence Resistor di Kelurahan Giritontro, Kecamatan Giritontro, Kabupaten Wonogiri	JPMP MIPA dan PMIPA Vol. 2 No.2	Anggiyani REN, Dina
2017	Synthesis and characterization of $\text{Ca}_{1-x}\text{Co}_x\text{TiO}_3$ and its photocatalytic activity on photodegradation of methylene blue	Asian Journal of Chemistry 29 (6), 1270-1274 (**)	A.K. Prodjosantoso, M. Pranjoto Utomo
2017	Synchrotron X-Ray Diffraction Study of $\text{BaPb}_{1-x}\text{Sn}_x\text{O}_3$ Solid Solution	Asian Journal of Chemistry 29 (8), 1718-1722	<b>A.K. Prodjosantoso</b>
2017	Synchrotron X-ray diffraction studies of $\text{-Ca}_{2-x}\text{M}_x\text{SiO}_4$ (M = Mg and Sr)	Turkish Journal of Chemistry 41 (4), 548-558	<b>A.K. Prodjosantoso</b>

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2017	Development of monograph titled "augmented chemistry aldehida & keton" with 3 dimensional (3D) illustration as a supplement book on chemistry learning	AIP Conference Proceedings Volume 1847 Issue 1, 050003 **)	Jaslin Ikhsan
2017	The Development of Monograph with 3-Dimensional Illustrations Titled "Augmented Chemistry: Hydrocarbon" as Learning Enrichment Materials	Journal of Physics: Conference Series, Vol.812 (1), 012088 **)	Jaslin Ikhsan
2017	The effect of the use of android-based application in learning together to improve students' academic performance	AIP Conference Proceedings 1847 (1), 050008 **)	Kristian H Sugiyarto & Jaslin Ikhsan
2017	Collaboration of chemistry instructional games and group investigation (GI) model to improve learning outcome in high school students	AIP Conference Proceedings, Vol. 1847, 005004 **)	Kristian H Sugiyarto & Jaslin Ikhsan
2017	Students' Science Process Skill and Analytical Thinking Ability in Chemistry Learning	AIP Conference Proceedings 1868(1):030001 **)	Eli Rohaeti, Endang W. Laksono & Suyanta
2017	The Development of an Integrated Assessment Instrument for measuring Analytical Thinking and Science Process Skills	AIP Conference Proceedings 1847(1):050005 **) The 4th International Postgraduate Conference on Science and Mathematics 2016 (IPCSM'16)	Eli Rohaeti, Endang W. Laksono & Suyanta
2017	The use of orientation/decision/do/discuss/reflect (OD3R) method to increase critical thinking skill and practical skill in biochemistry learning	Biochemistry and Molecular Biology Education, <a href="https://doi.org/10.1002/bmb.21096">https://doi.org/10.1002/bmb.21096</a> , 1-7 UIBMB Journal	Senam & Endang W. Laksono
2017	Effective Laboratory Work in Biochemistry Subject: Students' and Lecturers' Perspective in Indonesia	International Journal of Higher Education Vol 6, No 2	Senam & Endang W. Laksono
2017	Preparation of Copper Nanoparticles as Starting Materials for Copper Clay Production	Asian Journal of Science and Technology Vol. 08, Issue, 03, pp.4409-4412, March, 2017 **)	A.K. Prodjosantoso, M. Pranjoto Utomo & Regina Tutik Padmaningrum
2017	Tin(IV) oxide-supported cobalt oxides catalysts for	Research Journal of Chemistry and	A.K. Prodjosantoso

Year	Title	Journal Name	Author
	methylene blue photodegradation	Environment 21 (12), 12-20 **)	
2017	Development of the learning design ability in the vocational context for pre-service chemistry teachers	Journal of Science Education, 18(2): 50-53	A. Wiyarsi
2017	Ab Initio Quantum Mechanics / Molecular Mechanics Molecular Dynamics Simulation Of Sc+(1d) And Sc+(3d) Ions In Liquid Ammonia	The 4 <sup>th</sup> ICRIEMS FMIPA UNY	Crys Fajar Partana, Agus Salim & Suwardi
2017	Online Moodle Sebagai E-Learning Bagi Siswa SMK Peserta Praktek Kerja Industri	INVOTEC, Volume VIII, No.1, Februari 2012 : 20- 29	<b>Jaslin Ikhsan</b>
2017	Structural Characterization of LiCr <sub>x</sub> Mn <sub>2-x</sub> O <sub>4</sub> via A Simple Reflux Technique	AIP Conference Proceeding Vol. 1823, 0201001-0201006 **)	Dyah Purwaningsih, Hari Sutrisno
2017	Physico-Chemical Properties of LiM <sub>0.10</sub> Mn <sub>1.90</sub> O <sub>4</sub> (M: Co, Ni, Cr) for Potential Cathode Materials	Asian Journal of Chemistry Vol. 29, No.7, 1466-1470 **)	Hari Sutrisno
2017	Application of Terminalia catappa in preparation of silver nanoparticles to develop antibacterial nylon	Oriental Journal of Chemistry Volume 33 No 6, Desember**) )	Eli Rohaeti
2017	Antibacterial activity and the hydrophobicity of silver nanoparticles loaded fabrics of nylon	Journal of Engineering and Applied Sciences Vol. 12, No. 21 Nov**) )	Eli Rohaeti
2017	Characterization and The Activity of Bacterial Cellulose Prepared from Rice Waste Water by Addition with Glycerol and Chitosan	Journal of Agricultural and Biological Science VOL. 12, NO. 8, AUGUST ISSN 1990-6145 **)	Eli Rohaeti, Endang W.Laksono
2017	Antibacterial activity and the hydrophobicity of cotton coated with hexa-decyltrimethoxysilane	AIP Conference Proceedings 1868, 020010 ; doi: 10.1063/1.4995096 ICRIEMS 2017	Eli Rohaeti
2017	Various Conditions of Transesterification on Biodiesel Synthesised from Rubber Seed (Hevea brasiliensis) using KOH as Catalyst	Proceeding of 4 <sup>th</sup> ICRIEMS 2017	Endang Dwi Siswani, Susila Kristianingrum & Suyanta
2017	Synthesis and Optimation of Chitosan nanoparticles of Shrimp Shells as Adsorbent of Pb <sup>2+</sup> Ions	Proceeding of 4 <sup>th</sup> ICRIEMS 2017	<b>Sulistyani</b>
2017	Adsorption Mechanism of Direct Red on Cellulose Acetate from Ananas Comous Leaves	Oriental Journal of Chemistry 33(6): 3144-3149 **)	Endang W. Laksono, Marfuatun& Siti



Year	Title	Journal Name	Author
			Marwati
2017	Synthesis of TiO <sub>2</sub> -polycrystalline microspheres and its microstructure at various high temperatures	JOURNAL OF CERAMIC PROCESSING RESEARCH 18 (5), 378-384	Hari Sutrisno & Sunarto
2017	Physico-chemical properties of chromium-doped titanium dioxide mesoporous and its application for antifogging materials	Chiang Mai Journal of Science 44(3):1056-1064 **)	Hari Sutrisno
2017	Kimia Polimer	UNY Press	Eli Rohaeti
2017	Cytotoxic Effect of a Novel Bromo Chalcone Derivate on Cancer Cells Lines	2 <sup>nd</sup> International Conference Universitas Muhammadiyah Purwokerto, 13-14 Oktober 2017	Indyah Sulistyoy Arty, Retno Arianingrum & Sri Atun
2017	Novel synthesis of substituted benzylidenecyclohexanone by microwave assisted organic synthesis	AIP Conference Proceedings 1823(1):020116 DOI10.1063/1.4978189	<b>Sri Handayani, Cornelia Budimarwanti</b>
2017	Voltammogram of Stainless Steel /Fe-Co-Ni Electrode on Water Electrolysis in Base Condition with Dahlia Tuber Starch Media	The 4 <sup>th</sup> ICRIEMS FMIPA UNY	Isana Supiah Yosephine Louise, Sulistyani & Heru Pratomo
2017	Breaking of H <sub>2</sub> O in Mango Seed Flour Medium With Stainless Steel/Fe-Co-Ni Electrode	Seminar Internasional UI	Isana Supiah Yosephine Louise & Sulistyani
2017	The Efficiency of Hydrogen Production from Water Electrolysis with Bitter Melon as A Media Using Stainles Steel/Fe-Co-Ni Electrode	Seminar Internasional UI	Isana Supiah Yosephine Louise & Sulistyani
2017	Adsorption kinetic and equilibrium of Ca(II) and Mg (II) onto sulfonate-modified silica from sugarcane bagasse	Drug Invention Today Vol 9 Issue 3 , 111-120	Jaslin Ikhsan, & Sunarto
2017	The Modification of Silica Surfaceseparated from Overflowing Mud in Lapindo Indonesia as Cation Exchange Adsorbent	YRU Journal of Science and Technology Vol. 2 No. 2 Jul - Dec 2017, 1-17	Jaslin Ikhsan, Siti Sulastri & Erfan Priyambodo

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2017	Structural analysis of powder complex of [Mn (phen) 3](CF <sub>3</sub> SO <sub>3</sub> ) 2.6. 5H <sub>2</sub> O	AIP Conference Proceedings 1847 (1), 040006**)	KH Sugiyarto, L Permanasari
2017	Synergistic combination of fluoro chalcone and doxorubicin on HeLa cervical cancer cells by inducing apoptosis	International Conference on Chemistry, Chemical Process and Engineering (IC3PE) 2017 AIP Conf. Proc. 1823 **)	Retno Arianingrum, Indyah Sulistyo Arty&Sri Atun
2017	Identification of the Students' Critical Thinking Skills through Biochemistry Laboratory Work Report	AIP Conference Proceedings 1868(1):030013 **)	Senam&Endang W. Laksono
2017	Pengaruh Penerapan Multiple Intelligences dengan Model PBL Terhadap Pemahaman Konsep dan Kemampuan Berpikir Kreatif	Jurnal Edukasi Matematika dan Sains, Vol V, 43-52	Jaslin Ikhsan
2017	Pengaruh Penerapan Pembelajaran E-learning terhadap Kemandirian dan Minat Belajar Mahasiswa pada Mata Kuliah Wawasan dan Kajian	Jurnal Edusains Vol. 9 No. 1 Tahun 2017	Anggiyani Ratnaningtyas Eka Nugraheni, &Dina
2017	Profil Kemandirian dan Minat Belajar Mahasiswa Pendidikan Kimia pada Mata Kuliah Wawasan dan Kajian MIPA melalui Pembelajaran E-learning	Jurnal Inovasi Pendidikan Kimia Vol.11 No. 2 Tahun 2017	Dina, & Anggiyani Ratnaningtyas Eka Nugraheni,
2017	Pengaruh Pemberian Temulawak Instan Terhadap Kadar Kolesterol Total Tikus Putih Jantan Galur Wistar Hiperkolesterolemia	Jurnal Kimia Dasar Volume 6 No 4, 159-466	Nurfina Aznam
2017	Optimization of Condition Ion Cu <sup>2+</sup> Electrodeposition in Electroplating Liquid Waste with Formaldehyde as Reducing Agent	Jurnal Sains Dasar 5 (1), 62-70	Siti Marwati &Regina Tutik Padmaningrum
2017	Optimasi Kondisi Elektrokoagulasi Ion Logam Timbal (II) dalam Limbah Cair Elektroplating	Jurnal Kimia Dasar 6 (4), 143-150	<b>Siti Marwati</b>
2017	Kondisi Elektrokoagulasi Ion Logam Timbal (II) dalam Limbah Cair Elektroplating	5th International Conference on Research in Chemical, Agricultural and Biological Sciences (RCABS-2017) 10-11 Januari	Siti Marwati &Regina Tutik Padmaningrum
2017	Antibacterial Activity of Nanoparticles Produced by	International Journal of Drug Delivery	Sri Atun, Sri

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	Ethanol Extract of Boesenbergia rotunda Rhizome Loaded with Chitosan and Alginic Acid Against Streptococcus mutans by In Vitro	Technology, 7 (3), 113-118 **)	Handayani
2017	Identification and antioxidant activity test of bioactive compound produced from ethanol extract of temukunci (Boesenbergia rotunda)	AIP Conference Proceedings 1868(1):020007 DOI10.1063/1.4995093 **)	Sri Atun, Sri Handayani
2017	Synthesis of Nanoparticles Produced by Ethanol Extract of Boesenbergia rotunda Rhizome Loaded with Chitosan and Alginic Acid and its Biological Activity test	Pharmacogn J.; 9(2): 142-147 **)	Sri Atun & Sri Handayani
2017	Pembuatan dan Karakterisasi Nanopartikel Ekstrak Etanol Temu Kunci (Boesenbergia pandurata) pada Berbagai Variasi Komposisi Kitosan	J. Sains Dasar 6 (1) 31 - 35	Sri Atun
2017	Charaterization of Nanoparticles Produced by Chloroform Fraction of Kaemferia Rotunda Rhizome Loaded with Alginic Acid and Chitosan and its Biological Activity	Asian J Pharm Clin Res, Vol 10, Issue 5, 2017, 399-403 **)	Sri Atun & Retno Arianingrum
2017	Microwave-Assisted Organic Reactions: Eco-friendly Synthesis of Dibenzylidenecyclohexanone Derivatives via Crossed Aldol Condensation	Journal of Chemistry 17(2):336	<b>Sri Handayani, Cornelia Budimarwanti</b>
2017	Uji Aktivitas Antibakteri dari Ekstrak Etanol Temukunci (Boesenbergia pandurata) Terhadap Bakteri Streptococcus mutans	Jurnal Penelitian Saintek, Vol. 22, Nomor 1, April, 59-66	Sri Atun
2017	Modification of Kelud Volcanic Ash 2014 as Selective Adsorbent Material For Copper (II) Metal Ion	Jurnal Sains Dasar 5 (1), 7-16 1	Susila Kristianingrum, Endang Dwi Siswani&Suyanta
2017	Modification of Volcanic Ash of Kelud (2014) as Selective Adsorbent Material for Zn(II) and Cr(VI) Metal Ions	Proceeding of 4 <sup>th</sup> ICRIEMS 2017	Susila Kristianingrum, Endang Dwi Siswani& Sulistiyani
2017	Exploring Item Validity: Critical-Science Process Skills Integrated Assessment Instrument on Electrolyte Solution	The International Journal of Science and Technoledge Vol 5(1):8 - 15	Suyanta, Endang W. Laksono, Eli Rohaeti

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	and Acid Base Matter		
2017	Electrocoagulation Technic For Improvement Quality Of Swimming Pool Water	International conference on Chemistry HKI and Unsri	Suyanta
2017	Chloroplatinum(II) complex-modified MWCNTs paste electrode for electrochemical determination of mercury in skin lightening cosmetics	Electrochimica Acta Volume 253, 1 November, Pages 463-471**)	Suyanta
2017	Developing Subject Specific Pedagogy Of Natural Science Based Problem-Based Learning Model To Increase Students' scientific Literacy And Learning Outcomes	The International Journal Of Science & Technoledge (ISSN 2321 – 919X) Nopember, Vol 5 Issue 11, 86-93	Suyanta
2017	An integrated assessment instrument: Developing and validating instrument for facilitating critical thinking abilities and science process skills on electrolyte and nonelectrolyte solution matter	AIP Conference Proceedings 1847, 050007; doi: 10.1063/1.4983909 The 4th IPCSM'16**)	Suyanta, Endang W. Laksono, & Eli Rohaeti
2017	Application of Electrochemistry in Sensor and Separation:	Workshop International Mahidol University (Invited speaker)	Suyanta
2017	Oportunity Integrated Assesment Facilitating Critical Thinking and Science Process Skills Measurement on Acid Base Matter	AIP Conference Proceedings 1847(1):050006 The 4th IPCSM'16**)	Suyanta, Endang W. Laksono & Eli Rohaeti
2017	Development of the learning design ability in the vocational context for pre-service chemistry teachers	Journal of Science Education (Vol. 18, No.2, p. 50-53, Juli 2017 ISSN 0124-5481)	Antuni Wiyarsi
2017	Chemistry Teacher's Ability to Design Action Research in Hybrid Learning Program	Cakrawala Pendidikan TH. XXXVI, No. 2, Juni 2017 (terakreditasi)	Antuni Wiyarsi, Sukisman Purtadi
2016	Validity and Reliability Chemistry Systemic Multiple Choices Question (CSMCQs)	International Journal of Evaluation and Research in Education DOI: 10.11591/ijere.v5i4.5958	Erfan Prijambodo & Marfuatun
2016	The Effectiveness of Collaborative Academic Online Based Learning through Student Self Regulated Learning	Journal of Education and Learning Vol. 10 No. 4	Erfan Priyambodo
2016	Pengembangan media komik IPA model PBL untuk	Jurnal Inovasi Pendidikan IPA 2 (2), 145-155	A.K. Prodjosantoso

Year	Title	Journal Name	Author
	meningkatkan kemampuan berfikir analitis dan sikap ilmiah		
2016	Efektivitas Metode Praktikum untuk Meningkatkan Karakter dan Prestasi Belajar Peserta Didik.	Jurnal Pembelajaran Kimia	A.K. Prodjosantoso
2016	Pengembangan Media Komik IPA Model Inkuiri Terbimbing untuk Meningkatkan Aspek Kognitif Peserat Didik SMP	Prosiding Seminar Nasional Pendidikan ISBN: 978-620-62282-0-2	A.K. Prodjosantoso
2016	Indonesian Natural Zeolites as Potential Adsorbent in Waste Cooking Oil Regeneration	Proceeding of 3th ICRIEMS 2016	Dewi Yuanita Lestari, Antuni Wiyarsi
2016	Compound Analysis of Kembang Bulan ( <i>Tithoniadiversifolia</i> ) Leaves	Proceeding of 3th ICRIEMS 2016	Amanatie
2016	Synthesis of $\text{LiNi}_x\text{Mn}_{2-x}\text{O}_4$ by low temperature solid state reaction and its microstructure	IOP Conference Series: Materials and Science Engineering 107/ 012033 **)	Hari Sutrisno
2016	Selulosa bakteri dari Limbah air Cucian Beras dengan Penambahan Kitosan, Gliserol, dan Nanopartikel Perak	Jurnal Molekul Volume 11, No. 1, Hal. 19 – 24. Mei	Eli Rohaeti
2016	Kemudahan Biodegradasi Selulosa Bakteri dari Limbah Cucian Beras dengan Penambahan Gliserol, Kitosan dan Nanopartikel Perak	Jurnal Kimia VALENSI Vol 2(1);35-44	Eli Rohaeti, Endang W. Laksono
2016	Modifikasi Abu Kelud 2014 Sebagai Bahan Adsorben Ion Logam Tembaga(II) dan Nikel (II) dengan Asam Format	Jurnal Kimia Dasar 5 (5), 1-10	Susila Kristianingrum
2016	Pengembangan Stop motion Chemistry Sebagai Media Pembelajaran Audio Visual Materi Laju Reaksi untuk Peserta Didik SMA/MA	Jurnal Pembelajaran Kimia 5 (3)	Susila Kristianingrum
2016	Bacterial Cellulose from Rice Water and Its Composite which are Deposited Nanoparticle as an Antimicrobial Material	ALCHEMY vol 12 (2016) 1: 71-88	Eli Rohaeti, Endang W. Laksono
2016	Synthesis of Biodiesel From Kapuk Seed Oil ( <i>Ceiba Pentandra L</i> ) at Variation Stirring Duration in Trans	Jurnal Sains Dasar 4 (2), 186-189	Endang Dwi Siswani, Susila Kristianingrum

Year	Title	Journal Name	Author
	Esterification Process		
2016	Conductivity of Celullose Acetate Membranes from Pandan Duri Leaves ( <i>Pandanus tectorius</i> ) for Li-ion Battery	MATEC Web of Conference 64, 04001**)	Endang W. Laksono, Marfuatun
2016	Effect of V-dopant physico-chemical properties of vanadium-doped anatase synthesized via simple reflux technique	Journal of Mathematical and Fundamental Sciences Vol. 48, No. 1, 82-93.	Hari Sutrisno
2016	Effect Of Non-metal Elements (C, N, S) As Anionic Dopants On Electronic Structure Of $TiO_2$ -Anatase By Density-Functional Theory Approach	Molekul 11 (1), 33-41	Hari Sutrisno
2016	Preparation, Characterization and Application of Stainless Steel/Fe, Co, Ni Electrocatalyst Electrodes	Journal of Chemistry and Chemical Sciences, Vol.6(11) p.1151-1160	Isana Supiah Yosephine Louise
2016	Voltamogram Siklik Stainless Steel dalam Media Tepung Ubi Jalar ( <i>Ipomoea batatas</i> L)	Seminar Nasional Kimia FMIPA UNY	Isana Supiah Yosephine Louise
2016	Kimia Fisika III	Buku untuk UT	Isana Supiah Yosephine Louise
2016	Pengembangan media pembelajaran berbasis android pada materi kelarutan untuk meningkatkan performa akademik siswa SMA	Jurnal Inovasi Pendidikan IPA, 2 (1), April , 88-99	Jaslin Ikhsan
2016	Solidifikasi Zink pada Limbah Bulu Ayam dengan Menggunakan Semen Portland	Jurnal Kimia Dasar (5) 2	Projoto Utomo
2016	The Influence of the Using of Virtual Lab on the Chemistry Learning Motivation and Achievement of Grade XI Students of SMA Negeri 1 Sleman Semester 2 Academic Year 2015/2016	Jurnal Pembelajaran Kimia (5) 4	M.Pradjoto Utomo
2016	The Action for Improving Science Process Skill of Student's Through Scientific Approach and The Use ICT Support in Volumetric Analytical Chemistry at SMKA-	International Conference on Educational Research and Innovation (ICERI) 121-125	Jaslin Ikhsan

Year	Title	Journal Name	Author
	SMAK Bogor		
2016	Integrating Local Wisdom-Based Scientific Approach on Chemistry Learning at First Grade of SMAN 1 Purworejo to Improve Learning Discipline	Jurnal Pembelajaran Kimia, Vol 5 (1)	Jaslin Ikhsan
2016	The Improvement of Students' Achievement and Social Maturity on Chemistry Learning Through The Assistance of Local Wisdom Videos	Proceeding of 3th ICRIEMS 2016	Jaslin Ikhsan
2016	Pengaruh Gugus p-Metoksi pada Reaksi Kondensasi Claysen-Schmidt Menggunakan Metode Grinding	Jurnal Saind Dasar (JSD) Vol.5, No 2	Karim Theresih & Cornelia Budimarwanti
2016	Pengaruh p-Hidroksi-m-metoksi (pHmMK) terhadap Ekspresi Protein Bcl-2 dan Bax Pada Sel Kanker Payudara MCF-7.	Jurnal Saintek, Vol 21. No. 1. April, 10-20.	Retno Arianingrum
2016	Optimasi Potensial, Suhu, Larutan, dan Pengaruh Pengadukan pada Elektrodeposisi Ion Logam Ag (I) dalam Limbah Cair Elektropating dengan Menggunakan Agen Pereduksi Formaldehid.	Jurnal Kimia Dasar 5 (1)	Siti Marwati
2016	Pharmacological Test of Herbal Products from temulawak (Curcuma Xanthorrhiza) As Antihypercholesterol by In Vivo	International Journal of Pharmacognosy and Phytochemical Research 8(5); 807-811**)	Nurfina Aznam & Sri Atun
2016	Total Phenol Compound and Antioxidant Activity Assya of Extract Combination of Sarang Semut (Myrmecodia pendens Merr. & L.M. Perry) by method $\beta$ -Carotene Bleaching	Jurnal Kimia Dasar 5 (2)	Nurfina Aznam
2016	Pengembangan SSP kimia berbasis pendidikan berkelanjutan untuk meningkatkan literasi kimia dan kesadaran terhadap lingkungan	Jurnal Inovasi Pendidikan IPA 2 (1), 46-57	Nurfina Aznam
2016	Validasi Paper Test Untuk Uji Formaslin dengan Pereaksi Schiff's	Jurnal Kimia Dasar Vol 5, No 5 (2016)	Regina Tutik Padmaningrum

Year	Title	Journal Name	Author
2016	Cytotoxic and Apoptotic Effect of Chalcone Derivat with Bromo Substituen on T47D Breast Cancer Cells	International Science and Technology Conference (ISTEC) Vienna Austria, 13-15 Juli 2016	Retno Arianingrum &Indyah Sulistyoyo Arty
2016	Cell Cycle Regulation and Therapeutic Targets in Cancer	The 3rd ICRIEMS 2016,	Retno Arianingrum
2016	Cytotoxic and Apoptotic Effects of para-Hydroxy meta Methoxy Chalcone (pHmMC) on T47D Breast Cancer Cells	International Journal of Pharmacy and Clinical Research (IJPCR) ISSN-0975 1556/8(5)/2016	Retno Arianingrum
2016	The Effectiveness of Project-Based E-Learning to Improve ICT Literacy	Jurnal Pendidikan IPA Indonesia Vol 5, No 1, 51-55	Senam
2016	Implementation Model Susan Loucks-Horsley Terhadap Communication and Collaboration Peserta Didik SMP	Unnes Science Education Journal	Senam
2016	Development of Potential Kunci Pepet (Kaempferia rotunda) Rhizoma Plant as Antioxidant	Proceeding of 3th ICRIEMS 2016	Sri Atun
2016	Optimasi Waktu Reaksi Sintesis Benzilidensiklo-heksanon Menggunakan Katalisator Natrium Hidroksida	Jurnal Kimia Dasar 5 (3)	Sri Handayani
2016	Optimasi sintesis senyawa benzilidensiklo-heksanon melalui variasi konsentrasi natrium hidroksida	Prosiding Seminar Nasional LPPM UNY	Sri Handayani, C. Budimawanti
2016	Pengaruh variasi rasio mol sikloheksanon-benzaldehida pada sintesis benzilidinsiklo-heksanon	Prosiding Seminar Nasional LPPM UNY	Sri Handayani, C. Budimawanti
2016	The Development of Cinnamalacetone Synthesis Methode Based on Green Chemistry Approach	Proceeding of 3th ICRIEMS 2016	Sri Handayani
2016	Review of the Molecularly Imprinted Hydrogel In Chemical Analysis	Proceeding of 3th ICRIEMS 2016	Annisa Fillaeli
2016	Isolation of Sesquiterpenes Lactone from Curcuma aeruginosa Rhizome and the Cytotoxic Activity Against Human Cancer Cell Lines	International Journal of Pharmacognosy and Phytochemical Research 8(7); 1168-1172 **)	Sri Atun, Retno Arianingrum, Nurfina Aznam
2016	Phytochemical Study of Kaemferia Rotunda From Ethnomedicine to Drug Discover	International Science and Technology Conference (ISTEC), Vienna Austria	Sri Atun& Retno Arianingrum



Year	Title	Journal Name	Author
2016	Modification of Kelud Volcanic Ash 2014 as Selective Adsorbent Material for Copper(II) Metal Ion	Jurnal Science Dasar, Edisi April FMIPA UNY	Susila K &Suyanta
2016	Pemisahan Ion Logam tembaga(II) Dalam Air Kolam Renang Dengan Metode Adsorpsi Kolom	Jurnal Saintek Vol 21, No 2: Oktober LPPM UNY	Suyanta
2016	Implementasi elektrokimia in analysis of chemistry	International seminar UNIMED	Suyanta
2016	Perbedaan hasil analisis Ion Logam Ca Dalam Sampel Air Kolam Renang dengan teknik AAS dan ICP-AES	Semnas Kimia UNY	Suyanta
2016	Square wave anodic stripping voltammetry of copper(II) at a MWCNT paste electrode modified with a tetracarbonylmolybdenum(0) nanocomposite	Microchimica Acta April, Volume 183, Issue 4, pp 1441-1448	Suyanta
2015	Pembelajaran Berbasis Masalah untuk Meningkatkan Keterampilan Berargumentasi Siswa SMA pada Konsep Hidrolisis	Jurnal Pendidikan Matematika dan Sains Vol 3, No 2/2017	Dina
2015	The Development of Systemic Multiple Choices Questions (SMCQs) on Redox and Electrolyte-Non Electrolyte Solution Concepts in Chemistry Teaching and Learning	International Seminar on Mathematics and Computer Science Education October, 17, 2015	Erfan Priyambodo & Marfuatun
2015	The Conductivity of Electrolyte Membranes based on Cellulose acetate from Corn Husk Waste	Prosiding 2nd ICRIEMS UNY 17-19 Mei 2015	Marfuatun
2015	Measurement of Rate of Cation Exchange Reactions on Surface of Silica Separated from Lapindo Mud	Prosiding 2nd ICRIEMS UNY 17-19 Mei 2015	Jaslin Ikhsan, Erfan Priyambodo
2015	Mineral Content Analysis of Merapi Volcanic Sand and Its Potential Application	Prosiding 2nd ICRIEMS UNY 17-19 Mei 2015	Sulistiyani, Erfan Priyambodo
2015	Development Of Fe(II)-Selective Solid Membrane Electrode Based On 1,10-Phenanthroline Ligand	Prosiding 2nd ICRIEMS UNY 17-19 Mei 2015	Suyanta, Sunarto, Susila Kristianingrum
2015	Separation of Ca dan Fe Metal Ion in Source Water by Adsorption Columns Technic with Local Zeolite and Active Carbon	Jurnal Sains Dasar, Vol 4, No. 1	Suyanta
2015	Purifikasi Silika dari Pasir Vulkanik Gunung Merapi	Jurnal Sains Dasar 4 (2) 122 – 127	Sulistiyani, Erfan

Year	Title	Journal Name	Author
	Sebagai Bahan Baku Fotovoltaik		Priyambodo
2015	Pemanfaatan Gliserol Hasil Samping Pembuatan Biodisel dari Minyak Jelantah Sebagai Bahan Sintesis Gliserol Asetat	Jurnal Penelitian Saintek, Vol. 20, Nomor 2, Oktober 2015	Sri Atun
2015	Sintesis dan Karakterisasi Silika Gel dari Abu Vulkanik Gunung Kelud dengan Penambahan Asam Klorida	Journal Kimia, IV( 2)	Susila Kristianingrum
2015	Ni Dispersed on Sulfated Zirconia Pillared Montmorillonite as Bifunctional Catalyst in Eco-Friendly Citronellal Conversion	Engineering Journal Volume 19 Issue 5 Online at <a href="http://www.engj.org/">http://www.engj.org/</a>	Sri Handayani
2015	Sintesis dan Karakterisasi Silika Gel dari Abu Vulkanik Gunung Kelud dengan Penambahan Asam Nitrat	Journal Kimia, IV( 2)	Susila Kristianingrum
2015	Sintesis Gliserol Stearat dari Asam Stearat dengan Gliserol Hasil Samping Pembuatan Biodisel dari Minyak Jelantah	Jurnal Penelitian Saintek, Vol. 20, Nomor 1, April 2015	Sri Atun
2015	Pengembangan Curriculum Knowledge Calon Guru melalui Analisis Konten Kimia Konteks Kejuruan	Jurnal Pendidikan Matematika Dan Sains Th. III No. 1 Juni 2015	Antuni Wiyarsi
2015	Cytotoxic Effect of para Hydroxy Meta Methoxy Chalcone (pHmMC) on MCF-7 Breast Cancer Cells by Inducing Cell Arrest and Apoptosis	Prosiding 2nd ICRIEMS UNY Yogyakarta 18-19 Mei 2015	Retno Arianingrum
2015	Collaborative learning to improve preservice teacher's knowledge about chemistry content in the automotive vocational context	Cakawala Pendidikan Th. XXXIV, No. 3 Oktober 2015	Antuni Wiyarsi
2015	Development Of Herbal Nanoparticles Product In Cancer Treatmen	Prosiding 2nd ICRIEMS UNY 18-19 Mei 2015	Sri Atun
2015	Synthesis Nanoparticles of Chloroform Fraction from Kaempferia rotunda Rhizome Loaded Chitosan and Biological Activity as an Antioxidant	International Journal of Drug Delivery Technology 5(4); 138-142 **)	Sri Atun, Retno Arianingrum
2015	Anticancer activity of bioactive compounds from Kaempferia rotunda Rhizome against human breast	International Journal of Pharmacognosy and Phytochemical Research, 7, 2,262-269; **)	Sri Atun, Retno Arianingrum

Year	Title	Journal Name	Author
	cancer		
2015	Recovery of Gold (Au) and Silver (Ag) Metals in the Electronic Waste Through Multilevel Precipitation Process	Jurnal Sains Dasar 4 (2), 190-197	Siti Marwati, Regina Tutik Padmaningrum & Sunarto
2015	Pengembangan Media Pembelajaran Kimia Berbantuan Komputer dengan Program Macromedia Flash 8	Jurnal Inovasi Teknologi Pendidikan Vol , No.2, 143-156	Senam
2015	Pengembangan Perangkat Pembelajaran IPA Berbasis Sets Untuk Meningkatkan Scientific Literacy dan Foundational Knowledge	Jurnal Inovasi Pendidikan IPA Vol 1, No. 2, 178-190	Senam
2015	Studi kemampuan guru kimia sma lulusan UNY dalam mengembangkan soal UAS berbasis HOTS	Jurnal Inovasi Pendidikan IPA, Vol 1, No. 1, 65-72	Senam
2015	Chalcones Derivative with Bromo Substituent Induces Apoptosis in HeLa Cells	ICB-Pharma II Conference Universitas Muhammadiyah Surakarta	Retno Arianingrum & Indyah Sulisty Arty
2015	Pengembangan Multimedia Berbasis Masalah untuk Meningkatkan Motivasi Belajar dan Kemampuan Berpikir Kritis Siswa	Jurnal Inovasi Pendidikan IPA 1 (2), 153-166	KH. Sugiyarto
2015	Pengembangan Media Mobile Learning "Chemondro" Berbasis Android Sebagai Suplemen Belajar Siswa SMA	Prosiding SNPS (Seminar Nasional Pendidikan Sains) 2, 468-477	KH Sugiyarto & Jaslin Ikhsan
2015	Adsorption Isotherm of Phosphate Ions onto Silica and Amino-modified Silica from Lapindo Mud	The 4th International Conference of the Indonesian Chemical Society, 29-30 September	Jaslin Ikhsan, Siti Sulastri & Erfan Priyambodo
2015	Development of Android Mobile Game "the Professor" as Chemistry Learning Media in Senior High School on hydrocarbon and petroleum	Konferensi Internasional LPPM UNY (ICERI2015), 6-7 Mei	Jaslin Ikhsan
2015	Smart Chemist: the Media for Chemistry Learning on Atomic Structure and Periodic System of Elements	Konferensi Internasional LPPM UNY (ICERI2015), 6-7 Mei	Jaslin Ikhsan
2015	Pengembangan media komik IPA untuk meningkatkan	Jurnal Inovasi Pendidikan IPA 1 (1), 24-35	A.K.Prodjosantoso

Year	Title	Journal Name	Author
	motivasi belajar dan karakter peserta didik SMP		
2015	Synthesis of Mg/Al Hydrotalcite by Using Low Supersaturated Precipitation Method with Variation of Mole Ratio	Eksakta: Jurnal Ilmu-Ilmu MIPA 14 (2), 1-5	Sri Handayani
2015	The Aging Time Effect On The N-Doped TiO <sub>2</sub> Crystal Structure For Dye-Sensitized Solar Cells	Prosiding 2nd ICRIEMS UNY 18-19 Mei 2015	KH. Sugijarto, AK. Prodjosantoso
2015	Study Of Structure-Antioxidant Activity Relationship By BDE Analysis Of Hydroxybenzalacetone's Derivatives	Prosiding 2nd ICRIEMS UNY 18-19 Mei 2015	Sri Handayani
2015	Synergistic effects of para-hydroxy meta-methoxy chalcone (pHmMC)- doxorubicin treatments on T47D breast cancer cells	Indonesian Journal of Biotechnology Desember, Vol 2, No.2, 141-151	Retno Arianingrum
2015	Synthesis of Amyl Vanilil Ether as Warming Agent from Vanillin	Jurnal Sains Dasar, Vol 4, No 2	C. Budimarwanti & Karim Theresih
2015	Synthesis of LiCo <sub>x</sub> Mn <sub>2-x</sub> O <sub>4</sub> by low temperature solid-state reaction for cathode materials	Advanced Materials Research (AMR), Vol. 1123 pp. 100-103. **)	Hari Sutrisno,
2015	Investigation of structural and dynamical properties of hafnium (IV) ion in liquid ammonia: An ab initio QM/MM molecular dynamics simulation	Chemical Physics Letters 636, 167-171	Suwardi
2015	Structure and Dynamics of Zr 4+ in Aqueous Solution: An Ab Initio QM/MM Molecular Dynamics Study	Indonesian Journal of Chemistry 15 (2), 155-162	Suwardi
2015	Effects of Li/Mn mole ratio on the synthesis of Li <sub>1+x</sub> Mn <sub>2-x</sub> O <sub>4</sub> by low temperature solid-state reaction for cathode materials	ProScience Vol. 2/pp.65-70**)	Hari Sutrisno,
2015	Preparation of LiMn <sub>2</sub> O <sub>4</sub> microstructure by low temperature solid-state reaction for cathode materials	Advanced Materials Research (AMR), Vol. 110 pp. 134-137**)	Hari Sutrisno,
2015	Modifikasi Sekresi Kutu Lak dengan Penambahan Lateks Hasil Hidrasi sebagai Matriks pada Pembuatan Biokomposit	Majalah Kulit, Karet, dan Plastik Vol. 31 No. 1 Hal. 23 – 36,	Eli Rohaeti

<b>Year</b>	<b>Title</b>	<b>Journal Name</b>	<b>Author</b>
2015	Sintesis Poliuretan Ramah Lingkungan	UNY Press	Eli Rohaeti
2015	Pemecahan Molekul Air dengan Menggunakan Media Tepung Umbi Dahlia ( <i>Dahlia pinnata</i> )	Jurnal Sains Dasar FMIPA UNY Vol.: 4, No 2	Isana Supiah Yosephine Louise
2015	Voltamogram Stainless Steel pada Elektrolisis Air dalam Suasana Basa dengan Media Tepung Maizena	Seminar Nasional Pendidikan Kimia FMIPA UNY	Isana Supiah Yosephine Louise
2015	Elektrolisis Air dalam Suasana Basa dengan Elektroda Stainless Steel dan Media Tepung Mokaf	Semnas Pendidikan Kimia FMIPA UNY	Isana Supiah Yosephine Louise
2015	The Improvement of Students' Achievement on Volumetric analytical Chemistry at SMK – SMAK Bogor through Scientific Approach and Assisted by ICT-based media	The 4th International Conference of the Indonesian Chemical Society, 29-30 September	Jaslin Ikhsan
2015	Pengembangan Media Pembelajaran Kimia Berbasis Android untuk Meningkatkan Motivasi Belajar dan Prestasi Kognitif Peserta Didik	Jurnal Inovasi Pendidikan IPA 1 (2), 191-201	Jaslin Ikhsan
2015	Measurement of Rate of Cation Exchange Reactions on Surface of Silica Sepatored from Lapindo Mud	Proceeding of 2nd ICRIEMS 17-19 May 2015	Jaslin Ikhsan, Siti Sulastrri & Erfan Priyambodo
2015	Pengaruh pH Pada Adsorpsi Kation Unsur Hara Ca <sup>2+</sup> dan K <sup>+</sup> Oleh Silika dari Lumpur Lapindo	Jurnal Penelitian Saintek (20) 1	Jaslin Ikhsan, Siti Sulastrri & Erfan Priyambodo
2015	Developing Chemondro: android-based chemistry instructional media on solubility for high school students	Proceeding of International Seminar on Science Education	Jaslin Ikhsan & KH Sugiyarto
2015	Delivering Science-Engineering Virtual Labs Using the New Web Technologies (HTML5)	International Conference on Education and Research Innovation 2015	Jaslin Ikhsan
2015	Thermodynamic Parameters on the Sorption of Phosphate Ions by Montmorillonite	J. Sains Dasar 4 (1) 10 – 16	Jaslin Ikhsan, Endang W. Laksono & Sunarto
2015	Integration of ICT-based Multimedia into Hybrid Multimodal Learning at Senior High School to Improve	Konferensi Internasional LPPM UNY (ICERI2015), 6-7 Mei	Jaslin Ikhsan

Year	Title	Journal Name	Author
	Students' Achievement		
2014	Essential Oil Content of the Rhizome of <i>Curcuma purpurascens</i> Bl. (Temu Tis) and Its Antiproliferative Effect on Selected Human Carcinoma Cell Lines	Hindawi Publishing Corporation the Scientific World Journal <a href="http://dx.doi.org/10.1155/2014/397430">http://dx.doi.org/10.1155/2014/397430</a>	Nurfina Aznam
2014	Penggunaan Lumpur Aktif Sebagai Material untuk Biosorpsi Pewarna Remazol	J.Molekul, UNSOED Vol. 9 No 2	Endang Widjajanti LFX
2014	Pengaruh mordan sintetis dari limbah kaleng terhadap daya ikat dan laju lepas zat warna methyl violet oleh serat kain <a href="https://journal.uny.ac.id/index.php/saintek/issue/view/30">https://journal.uny.ac.id/index.php/saintek/issue/view/30</a>	Saintek Volume 19, no 1	Endang Widjajanti LFX
2014	Optimasi Kondisi Pada Sintesis Biosorben Dari Pandan laut Dan Uji Adsorptivitasnya Terhadap Ion Logam Kromium dan Timbal Pada Berbagai Macam Limbah	Jurnal Sains Dasar , Vol3; N01, th. 2014. ISBN: 2085-9872	Endang Dwi Siswani
2014	Differential Adsorptive Stripping Voltammetric Determination Of Ultra Trace Lanthanum (III) based on Carbon Paste Electrode Modified With 3-Methyl-2-hydrazinobenzothiazole	International Journal of Electrochemical Science 9(7763-7772)	Suyanta
2014	Development of Chloride Electrode Coated Wire and Composite Systems For Determination Chloride Ion in Gunungkidul Spring Water	Journal of chemistry and Chemical Engineering 8(662-667)	Suyanta
2014	The Teacher Professional Development Through Lesson Study in Indonesia : A Success Story From Yogyakarta	Prosiding ICSEI 27	Suyanta
2014	Separation Of Ca(II) And Mg (II) Metal Ion Undergroud River Water In Baron With Activated And Inactivated Zeolite By Fixed Bed Colum Adsorption Method	Prosiding International Conference on Mathematics, Sciences, Technology, Education, And Their Applications	Suyanta
2014	Development of Chloride Electrode Coated Wire and Composite Systems for Determination Chloride Ion in Gunungkidul Spring Water	Journal of Chemistry and Chemical Engineering (JICICIE) Vol.8, No. 7, (2014) Page.662-667 ISSN 1934-7375 (Print) dan	Susila Kristyaningrum

Year	Title	Journal Name	Author
		1934-7383 (online)	
2014	Optimasi Kondisi pada Sintesis Biosorben dari Pandan laut dan Uji Adsorptivitasnya terhadap Ion Logam Kromium dan Timbal dalam berbagai macam limbah	J. Sains Dasar. Vol.3. No.1. April 2014 ISSN: 2085-9872.	Susila Kristyaningrum
2014	Seleksi Bakteri Termofilik Selulolitik Pasca Erupsi Merapi	Jurnal Kaunia, X(2),	Eli Rohaeti
2014	Sifat mekanik Selulosa Bakteri dari Air kelapa dengan Penambahan Kitosan	Jurnal Saintek, 19(2),	Eli Rohaeti
2014	Pengaruh Biomassa Melati Air dan Teratai terhadap Kadar Fosfat, BOD, COD, TSS, dan Derajat Keasaman Limbah Cair Laundry	Jurnal Penelitian Sainteks Volume 19, Nomor 2, Oktober 2014 ISSN: 1412-3991	Regina Tutik Padmaningrum
2014	Pengaruh Mordan Sintesis dari Limbah Kaleng Terhadap Daya Ikat dan Laju Lepas Zat Warna Methyl Violet Oleh Serat Kain	SAINTEK, 19(1)	Jaslin Ikhsan
2014	Adsorpsi Nitrogen dari Urin dengan Zeolit	JURNAL PENELITIAN SAINTEK 2014 <a href="https://journal.uny.ac.id/index.php/saintek/index">https://journal.uny.ac.id/index.php/saintek/index</a>	M. Pranjoto Utomo
2014	Efektivitas Pembelajaran Kooperatif dalam Meningkatkan Motivasi Belajar Mahasiswa dalam Perkuliahan Filsafat Ilmu	Jurnal Pendidikan Matematika dan Sains Tahun II, No. 1, Juni 2014	Sutiman, Antuni Wiyarsi, Erfan Priyambodo
2014	Penggunaan Lumpur Aktif Sebagai Material untuk Biosorpsi Pewarna Remazol	J.Molekul, UNSOED Vol. 9 No 2	Dewi Yuanita Lestari