

Scientific Articles/ Scientific Works/Art Work/ Books which has been produced during the last at least three years by expert lecturers on UPCE FMNS Universitas Negeri Surabaya

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
1	Misconception Analysis Based On Students Mental Model in Atom Structure Materials	Suyono	<i>Advances in Engineering Research, Atlantis Press</i> , volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7. Publication date October 2018.  (Terindeks Thomson Reuters)	2018			√
2	Tracing Individual Conception in Conceptual Change Stages Using Module Assistance	Suyono	International Conference on Science and Technology (ICST), Bali, 18-19 October 2018	2018			√
3	The Map of Post-5 <sup>th</sup> Semester Pre-Service Chemistry Teachers Conceptions at Universitas Negeri Surabaya	Suyono	IOP Conf. Series: Journal of Physics: Conf. Series 1317 (2019) 012148 doi:10.1088/1742-6596/1317/1/012148  (Terindeks Scopus)	2019			√
4	Consistency and Relevance of Structured Lecture Materials in Physical Chemistry 3 Subjects	Suyono	Proceedings of the International Conference on Research and Academic Community Services (ICRACOS 2019)  Atlantis Press-2019	2019			√

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					LOC.	NAT.	INTER.
5	Chemical Education Student Science Process Skills, in Specific and in General Content	Suyono	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
6	The students' conception track of low-perception-students through the conceptual change (MCC) module based on mental models on electron configuration concept	Suyono	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
7	Determination of Chromium Content in Various Foodstuffs	Rudiana Agustini	Proceeding of the International Joint Conference on Science and Technology (IJCST), Bali, 27-28 September 2017	2017			√
8	Practicing Multi Representation Ability To Junior High School Students Through Guided Inquiry Learning Model (Id)	Rudiana Agustini	Proceeding of Mathematics, Informatics, Science, and Education International Conference (MISEIC), 9 September 2017	2017			√
9	Yeast Hydrolysate Enzymatic (YHE) as Degradation Result using Pineapple's Bromelin as Preparation Material of Microbiological Culture-Media	Rudiana Agustini	Advance Science Letters Vol 23, No. 12, pp: 12020-12024	2017			√
10	Chromium in Fermented Rice Flour with Bakery's Yeast	Rudiana Agustini	Advances in Engineering Research, Atlantis Press, volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7. Publication date October 2018.	2018			√

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					LOC.	NAT.	INTER.
			(Terindeks Thomson Reuters)				
11	<b>Pengembangan Lembar Kegiatan Siswa (Lks) Berorientasi Inkuiri Terbimbing Pada Materi Asam Basa Untuk Melatihkan Keterampilan Berpikir Kritis Siswa</b>	Rudiana Agustini	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
12	Drilling Students' Communication Skill through Science, Environment, Technology, and Society (SETS)-Based Learning	Rudiana Agustini	IOP Conf. Series: Journal of Physics: Conf. Series 947 (2018) 012071 (Terindeks Scopus)	2018			√
13	Training of Students' Critical Thinking Skills through the implementation of a Modified Free Inquiry Model	Rudiana Agustini	IOP Conf. Series: Journal of Physics: Conf. Series 947 (2018) 012075 (Terindeks Scopus)	2018			√
14	Development Of Student Worksheet Based On Guided Inquiry Model With Kit Instrument On Reaction Rate Matter To Train The Science Process Skills In Xi Grade Senior High School 1 Cerme	Rudiana Agustini	Unesa Journal of Chemical Education, Vol 7 No 1 pp: 52-57, 2018	2018		√	
15	The Chemical Properties Comparative of Yeast Hydrolysate Enzymatic (YHE) From Yeast That Fermented In Rice Flour Variation	Rudiana Agustini	Rasayan Journal of Chemistry (RJC/Q3), Vol. 12 , No. 4 , 1839 - 1849	2019			√
16	Potential Of Yeast Hydrolysate Enzymatic From Baker's Yeast Fermented In Several Rice Flours Medium As Anti-Diabetes Type 2	Rudiana Agustini	Rasayan Journal of Chemistry (RJC/Q3), Vol. 12 , No. 4	2019			√

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17	Characterization of Yeast Hydrolysate Enzymatic (YHE) From Yeast Fermented In The Variation Of Rice Flour	Rudiana Agustini	Proceeding terindeks IOP Conf. Series: Journal of Physics: Conf. Series 1156 (2019) 012006	2019			√
18	Hepar Histology of Mice(Mus musculus L) Indicated by Pre-Diabetes Mellitus Type 2 (Pre-Type 2 DM) After Red Rice Yeast Treatment	Rudiana Agustini	Proceeding terindeks AP: Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019), Vol 95	2019			√
19	Histopathology of Kidney In Mice (Mus musculus L) Indicated By Pre-Diabetes Mellitus Type 2 (Pre-Type 2 DM) With a variation of Yeast Treatment	Rudiana Agustini	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
20	Development of the Chemistry Teaching Material Using the Cooperative Learning Model with STAD Type Based on Multiple Representation to Improve the Students Learning Outcomes on the Molecular Geometry Topic	Rudiana Agustini	IOSR Journal of Research & Method in Education (IOSR-JRME) e-ISSN: 2320–1959.p- ISSN: 2320–1940 Volume 9, Issue 3 Ser. I. (May. - June .2019), PP 26-32	2019			√
21	Activating Student to Learn Chemistry using <i>Chemmy Card</i> 6-1 Game as an Instructional Medium in IUPAC Nomenclature of Inorganic Compounds	Achmad Lutfi	IOP Conf. Series: Journal of Physics: Conf. Series 953 (2017) 012198 (Terindeks Scopus)	2017			√
22	The Development Of Chemistry Adventure Game To Reinforce Character Building In Chemistry	Achmad Lutfi	Proceeding of Mathematics, Informatics, Science, and Education	2017			√

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					LOC.	NAT.	INTER.
	Learning		International Conference (MISEIC), 9 September 2017				
23	Training Science Process Skills Using Virtual Laboratory on Learning Acid, Base, and Salt	Achmad Lutfi, Rusli Hidayah	Journal of Chemistry Education Research (JCER), Vol 1, No 2, pp 49-54, 2017	2017		√	
24	Kepustakaan Kimia	Achmad Lutfi, Mitarlis, Kusumawati Dwiningsih	Buku Ajar Mahasiswa, Penerbit: Unesa University Press, ISBN: 978-602-449-063-8	2017		√	
25	The Development of Super Chem Game Oriented Android as Intructional Media Electrolyte and Non Electrolyte	Achmad Lutfi	Journal of Chemistry Education Research (JCER), Volume 2, No 1, June 2018; pp 1-10 ISSN: 2549 – 1644	2018		√	
26	Build Ecopreneurship College Student Through Design Game As Learning Media of Chemistry On Media Lecture Game of Chemistry	Achmad Lutfi, Rusly Hidayah, Dian Novita	<i>Advances in Engineering Research, Atlantis Press</i> , volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7. Publication date October 2018.  (Terindeks Thomson Reuters)	2018			√
27	Development Of The Adventure Of Element Based On Role Playing Game As A Learning Media On Element Chemistry Matter	Achmad Lutfi	<i>Advances in Engineering Research, Atlantis Press</i> , volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7. Publication date October 2018.	2018			√

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			(Terindeks Thomson Reuters)				
28	Development Of Wind's Maze Chemistry Game Based On Android As A Learning Media On Hydrocarbon Matter For Eleventh Grade Senior High School	Achmad Lutfi	<i>Advances in Engineering Research, Atlantis Press</i> , volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7. Publication date October 2018.  (Terindeks Thomson Reuters)	2018			√
29	Pengembangan Permainan "The Mystery Atomic" Sebagai Media Pembelajaran pada Materi Struktur Atom untuk Kelas X SMA	Achmad Lutfi	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
30	Pengembangan Permainan Carbon Dash Berbasis Android sebagai Media Pembelajaran pada Materi Hidrokarbon Kelas XI SMA	Achmad Lutfi	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
31	Pengembangan Permainan Chemmy Wander Bersarana Komputer sebagai Media Pembelajaran pada Materi Asam-Basa	Achmad Lutfi	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
32	Use of Computerized Games on Chemistry Learning	Achmad Lutfi	Proceedings of the Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019)	2019			√
33	Application Of Chemmo Configuration Play As A Learning Media Of Elements Periodic System	Achmad Lutfi	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)	2019			√

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					LOC.	NAT.	INTER.
			Atlantis Press (Terindeks Thomson Reuters)				
34	Minat belajar dan keberhasilan belajar partikel penyusun atom dengan media pembelajaran permainan Chem Man	Achmad Lutfi	Jurnal Pembelajaran Kimia Vol. 4, No. 1, Juni 2019, hal 39-50.	2019		√	
35	Edutainment with computer game as A Chemistry Learning Media	Achmad Lutfi	Jurnal Penelitian Pendidikan Sains Vol 8, No. 2, Mei 2019. Unesa	2019		√	
36	Meningkatkan Keterampilan Berpikir Kritis Siswa dengan Penerapan Model Inkuiri Terbimbing pada Materi Larutan Elektrolit dan Non Elektrolit	Harun Nasrudin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, ISBN: 978-602-0951-15-7. 7 Oktober 2017	2017		√	
37	Integrasi Strategi Conceptual Change Dalam Model Pembelajaran Inovatif Untuk Meningkatkan Kompetensi Profesional Guru Kimia Kabupaten Blitar	Harun Nasrudin, Utiya Azizah, Bertha Yonata	Jurnal Abdi, Vol 3 No 2 pp:57-62	2018		√	
38	The Effectiveness of Problem-Based Learning (PBL) Models Based on Socio-Scientific Issues (SSI) to Improve the Ability of Science Literacy on Climate Change Materials	Harun Nasrudin	Jurnal Penelitian Pendidikan Sains (JPPS)  Volume 7, No.2, Mei 2018  p-ISSN: 2089-1776. e-ISSN: 2549-1597	2018		√	

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39	Validity of Knowledge Test to Improve The Ability of Science Literacy on Global Warming Material Based on Socio-Scientific Issues (SSI).	Harun Nasrudin	<i>Proceeding Book of The 8<sup>th</sup> Annual Basic Science International Conference</i>  ISSN: 2338-0128  6-7 March 2018	2018			√
40	Shifting Patterns of Pre-Service Teachers' Conceptions on Material of Colligative Properties of Solutions.	Harun Nasrudin, Utiya Azizah	<i>Advances in Engineering Research, Atlantis Press</i> , volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7. Publication date October 2018.  (Terindeks Thomson Reuters)	2018			√
41	Learning Instrument of Guided Discovery Model to Increase Science Literacy on Hydrocarbon Learning Students.	Harun Nasrudin	<i>Advances in Intelligent System Research (AISR), Atlantis Press.</i> volume 157. ISSN: 1951-6851, ISBN: 978-94-6251-601-3.  (Terindeks Thomson Reuters)	2018			√
42	Implementation of Process Oriented Guided Inquiry Learning (POGIL) Model Based Hands on and Minds On Activity to Train Student's Critical Thinking Skill	Harun Nasrudin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
43	Penerapan Model Pembelajaran Kooperatif Tipe Think-Pair-Share untuk Melatihkan Keterampilan Komunikasi	Harun Nasrudin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	



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	Siswa pada Materi Reaksi Redoks di SMAN 1 Jogoroto Jombang						
44	Development of Physics Learning Instrument with Model Project Based Learning to Train Students' Critical Thinking Skills.	Harun Nasrudin	International Journal of Multicultural and Multi religious Understanding (IJMMU), Vol. 6, No 5, October 2019, pp. 74 – 79. ISSN 2364-5369.	2019			√
45	Validation of Learning Media Using Argument Driven Inquiry (ADI) Learning Model	Harun Nasrudin	International Journal of Scientific and Research Publication (IJSRP), Volume 9, Issue 11, November 2019. pp. 97-101. ISSN 2250-3153.	2019			√
46	Effectiveness Of Learning Media Using Argument Driven Inquiry (ADI) Learning Model To Increase Students' Learning Outcomes And Self Efficacy.	Harun Nasrudin	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. Publication date 31 December 2019. pp 106-108.  (Terindeks Thomson Reuters)	2019			√
47	Reading, Questioning, and Answering (RQA) Strategies': an Alternative to Empowering Undergraduate Student Thinking Abilities	Harun Nasrudin	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. Publication date 31 December 2019. pp 106-108.  (Terindeks Thomson Reuters)	2019			√

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48	The Development of Learning Tool of The Guided Inquiry Model to Improve The Learning Outcomes of Junior High School Students	Utiya Azizah	<i>Proceeding 1<sup>st</sup> International Gra-duate Symposium on Science, Engineering, Education, Language and Culture (SEELC)</i> ISBN: 978-602-449-035-5 Agustus, 2017	2017			√
49	Penerapan Model Pembelajaran Kooperatif Tipe Numbered Head Together (Nht) Untuk Meningkatkan Keterampilan Metakognitif Siswa Pada Materi Asam Basa Di Kelas XI	Utiya Azizah	Unesa Journal of Chemical Education, Vol 6 No 2 pp: 440-445, 2017	2017		√	
50	Penerapan Model Pembelajaran Kooperatif Tipe NHT dengan Pendekatan SAVI untuk Meningkatkan Hasil Belajar Siswa Kelas XI SMA Negeri 1 Jogoroto Jombang Materi Asam Basa	Utiya Azizah	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, ISBN: 978-602-0951-15-7. 7 Oktober 2017	2017		√	
51	Keterampilan Metakognitif Mahasiswa Calon Guru dalam Menyelesaikan Masalah Sifat Koligatif Larutan.	Utiya Azizah	<i>Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat 2017 (SEMNAS PPM 2017)</i> . ISBN: 978-602-0951-17-1. 4 Nopember 2017.	2017		√	

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52	Buku Kimia Dasar I	Utiya Azizah, Mitarlis, Bertha Yonata	Buku Ajar mahasiswa, Unesa University Press, ISBN 978- 602-499-065-2	2017		√	
53	Empowerment of Metacognitive Skills through Development of Instructional Materials on the Topic of Hydrolysis and Buffer Solutions.	Utiya Azizah, Harun Nasrudin	<i>IOP Conf. Series: Journal of Physics: Conference Series (JPCS)</i> , volume 953, doi:10.1088/1742- 6596/953/1/012199. (Terindeks Scopus)	2017			√
54	Peningkatan Kompetensi Guru Kimia Melalui Pelatihan Model-Model Pembelajaran Inovatif Di Banyuwangi	Utiya Azizah, Suyono, Bertha Yonata	Jurnal Abdi, Vol 2 No 2 pp: 91-95, 2017	2017		√	
55	Implementation Problem-Based Learning Model to Enhance Self- Regulated Learning on Material of Colloidal System	Utiya Azizah	<i>Advances in Engineering Research, Atlantis Press,</i> Volume 171. ISSN: 2352- 5401, ISBN: 978-94-6252- 591-7 (Terindeks Thomson Reuters)	2018			√
56	The Validity of teaching Materials Used Guided Inquiry Model Integrated with STEM to Train Student's Critical Thinking Skills on Thermochemistry Topic	Utiya Azizah	<i>Advances in Engineering Research, Atlantis Press,</i> Volume 171. ISSN: 2352-	2018			√

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					LOC.	NAT.	INTER.
			5401, ISBN: 978-94-6252-591-7 (Terindeks Thomson Reuters)				
57	Development of chemistry instructional materials based on Cooperative Group Investigation (CGI) to Empower Thinking Skills.	Utiya Azizah, Harun Nasrudin	IOP Conf. Series: Journal of Physics: Conf. Series 1108 (2018) 012122 doi:10.1088/1742-6596/1108/1/012122. (Terindeks Scopus)	2018			√
58	Training The Problem Solving Skill By Implementation Guided Discovery Learning Model At The Reaction Rate	Utiya Azizah	Unesa Journal of Chemical Education, Vol 7 No 1 pp: 33-38, 2018	2018		√	
59	Development of Worksheet With Chemo-entrepreneurship Oriented On Colloid Matter To Train Creative Thinking Skill	Utiya Azizah	<i>JPPS (Jurnal Penelitian Pendidikan Sains) Volume 8. No. 2. Mei 2019.</i> (Terakreditasi Sinta 4).	2019		√	
60	Improving critical thinking skill of preservice chemistry teacher through writing assignment	Utiya Azizah	<i>IOP Conf. Series: Journal of Physics: Conference Series (JPCS), volume 1307, (2019) 012018.</i> doi:10.1088/1742-6596/1307/1/012018. (Terindeks Scopus)	2019			√
61	Training Students' Critical Thinking Skills through Implementation of Problem	Utiya Azizah	International Journal of Scientific and Research Publication (IJSRP),	2019			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
	Solving Models on Reaction Rate Materials		Volume 9, Issue 11, November 2019. pp. 369-373. ISSN 2250-3153.				
62	Metacognitive Skills: A Solution in Chemistry Problem Solving	Utiya Azizah Harun Nasrudin Mitarlis	<i>IOP Conf. Series: Journal of Physics: Conference Series (JPCS)</i> , volume 1417, Number 1, (2019) 012084. doi:10.1088/1742-6596/1417/1/012084. (Terindeks Scopus)	2019			√
63	The Development of Demische Software to Detect and Reduce Misconception in Chemical Equilibrium through Conceptual Change Text Strategy	Utiya Azizah	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.  (Terindeks Thomson Reuters)	2019			√
64	Problem-Solving based Teaching Materials: an Important Role in Enhancing Undergraduate Students Thinking Skills	Utiya Azizah, Harun Nasrudin, Rusmini	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2 (Terindeks Thomson Reuters)	2019			√
65	The Development Of Anti Miskim Software To Reduce Misconception Of Students On Buffer Solution Matter Through Conceptual Change Text Strategy	Utiya Azizah	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. (Terindeks Thomson Reuters)	2019			√
66	The Effectiveness of Guided Discovery Based Learning Materials to Increase Students' Learning Outcomes	Utiya Azizah	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-	2019			√

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					LOC.	NAT.	INTER.
			6252-877-2. (Terindeks Thomson Reuters)				
67	Pengembangan Model Pembelajaran PAKSI Untuk Melatihkan Keterampilan Berpikir Tingkat Tinggi Mahasiswa Pendidikan Kimia Pada Materi Pokok Isomer	Ismono	Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat 2017 (SEMNAS PPM 2017)	2017		√	
68	Pengembangan Lembar Kerja Siswa (Lks) Berorientasi Kooperatif Tipe Think Pair Share Untuk Melatihkan Keterampilan Berpikir Kritis Pada Materi Termokimia Kelas Xi Mia 1 SMAN 1 Bangkalan	Ismono	Unesa Journal of Chemical Education, Vol 6 No 1 pp: 24-29, 2017	2017		√	
69	The Development of Teaching Material Based on Concept Maps to Train of Higher Order Thinking Skills Chemical Education of Students in The Subject Matter of Isomer	Ismono	Journal of Chemistry Education Research (JCER), Volume 1, No 1, June 2017; pp 12-21. ISSN: 2549 – 1644	2017		√	
70	The development of teaching material of concept maps based on inquiry as an effort to trained high-order thinking skills of chemistry education studentsi	Ismono	Proceeding of the First International Joint Conference on Science and Technology (IJCST), Bali, 27-28 September 2017	2017			√
71	Stereokimia	Ismono	Buku Ajar Mahasiswa, Diterbitkan oleh Unesa University Press, ISBN: 978-602-449-069-0	2017		√	

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72	The Development of Learning Model of Map Concept with Inquiry Strategy	Ismono	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
73	Pelatihan Pembuatan Serbuk Minuman Herbal Instan Untuk Warga Desa Jajar, Kecamatan Talun, Kabupaten Blitar	Ismono, Nurul Hidayati	Jurnal Abdi, Vol 3 No 2 pp: 76-83, 2018	2018		√	
74	Train high order thinking skills at undergraduate students chemistry through concept map based learning	Ismono	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. (Terindeks Thomson Reuters)	2019			√
75	A Flavanoid Compound Isolated From The Dichloromethane Extract Of The Silver Fern ( <i>Pityrogramma Calomelanos</i> )	Nurul Hidayati	IOP Conf. Series: Journal of Physics: Conf. Series <b>953</b> (2017) 012200 (Terindeks Scopus)	2017			√
76	Partial Synthesis of Farrerol As Antibronchitis Agent from Matteucinol Isolated from The Fern <i>Chingia sakayensis</i> Using Hydrobromic Acid Reagent	Nurul Hidayati	Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS) Vol 8 No.1 pp 1674-1677 (Terindeks Thomson Reuters)	2017			√

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77	Developing of Teaching Materials of Natural Product Chemistry to Increase Student's Life Skills	Nurul Hidayati	Journal of Turkish Science Education, Vol 14 No 2 pp: 27-41, 2017 (Terindeks Scopus)	2017			√
78	Toxicity Test Toward Dichloromethane Fraction from White Frangipani Leaves (Plumeria alba)	Nurul Hidayati	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
79	Antioxidant Activity Of Palmitic Acid And Pinostrobin From Methanol Extract Of Syzygium Litoralle (Myrtaceae)	Nurul Hidajati	Proceeding of International Conference on Science and Technology (ICST), Bali, 18-19 October 2018	2018			√
80	Remediation of students' misconception based on their learning style through guided conceptual change strategies in the concept of electrochemistry	Sukarmin	Proceeding of the 2 <sup>nd</sup> International Joint Conference on Science and Technology (IJCST), Bali, 27-28 September 2017	2017			√
81	Pengembangan Media Kit Praktikum Dalam Laboratorium Skala Kecil Dengan Strategi Pogil Untuk Melatihkan Keterampilan Proses Pada Materi Larutan Asam Basa	Sukarmin	Unesa Journal of Chemical Education, Vol 6 No 2 pp: 357-361, 2017	2017		√	



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82	Penerapan Metode SAVI dalam Pembelajaran Kooperatif Tipe STAD untuk Meningkatkan Pemahaman Siswa pada Materi Laju Reaksi	Sukarmin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
83	Computer-Based Interactive Multimedia Development to Increase Students' Learning Outcomes in Electrolysis	Sukarmin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
84	Development of Chemistry Learning Based Edmodo to Support Chemical Bonding Materials in SMA Class X	Sukarmin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
85	Implementation of Guided Inquiry Learning Model To Train Students Science Literacy Skill in Electrolyte and Non-Electrolyte Solution Topic for X Grade Senior High School	Sukarmin.	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
86	Pengembangan Software Anti Chemmisco untuk Mereduksi Miskonsepsi Siswa pada Materi Laju Reaksi Melalui Strategi Conceptual Change Text.	Sukarmin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
87	The Use of interactive multimedia in balancing redox reactions for facilitating learning style differences	Sukarmin, Suyono	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i>	2018			√

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88	Effectivity of Interactive Multimedia and Student Activity Sheets with Writing-To-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students	Sukarmin, Dian Novita, Achmad Lutfi	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
89	Development Of Anti Miskim Software To Reduce Misconception With Conceptual Change Text Strategy Students Of Class X In Chemical Bonding Material	Sukarmin, Rusly Hidayah	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
90	Identification Student's Misconception of Galvanic Cells	Sukarmin	The 3 <sup>rd</sup> International Conference on Mathematics, Science, Education, and Technology and AMLI 2018, 4-5 October 2018, Universitas Negeri Padang	2018			√
91	Remediation Of Students' Misconception Based On Their Learning Style Through Guided Conceptual Change Strategies In The Concept Of Electrochemistry	Sukarmin	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.	2019			√

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92	Relationship of Benzene Exposure to Trans, Trans-Muconic Acid and Blood Profile of Shoe Workers in Romokalisari Surabaya, Indonesia	Sukarmin	Maced J Med Sci. 2019 Mar 14;7(5):816-823	2019			√
93	Determination of Highest Dose of Ammonia without Effect at Work Environment through the Expression of Interleukin-2 Cell in Rattus Novergicus	Sukarmin	Maced J Med Sci. 2019 Mar 14;7(6):897-902	2019			√
94	Requirement Prediction for Toluene Detox with Foods Intake Rich in CYP2E1 Enzyme and Glycine to Prevent Nerve and Kidney Damage at Shoe Home Industry Workers in Romokalisari Surabaya	Sukarmin	Maced J Med Sci. 2019 Jun 10;7(11):1788-1793	2019			√
95	Development Of Chemical On Household Interactive Multimedia And Kit For Hearing Impairment Students Of Junior High School For Disabilities	Sukarmin	JPPS. 2019. 8(2):1727-1734 Mei 2019	2019		√	
96	Learning design to integrate scientific character values with green chemistry insight in basic chemistry course	Mitarlis, Utiya Azizah, Bertha Yonata	International Conference on Education Innovation (ICEI) October  2017 published by Atlantis Press (Terindeks Thomson Reuters)	2017			√
97	Environmental Literacy with Green Chemistry Oriented in 21 <sup>st</sup> Century Learning	Mitarlis	Proceeding of 2 <sup>nd</sup> International Seminar on Chemical Education Published by AIP Conference	2017			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
			Proceeding 1911, 020020 (2017) (Terindeks Scopus)				
98	Lembar Kegiatan Mahasiswa Praktikum Pada Mata Kuliah Kimia Dasar I Berwawasan Green Chemistry Dalam Upaya Mewujudkan Green Education	Mitarlis, Utiya Azizah, Bertha Yonata	Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian kepada Masyarakat, PPM Unesa, 4 Nopember 2017	2017		√	
99	Pendidikan Karakter Sains Berwawasan Green Chemistry	Mitarlis, Bertha Yonata, Rusly Hidayah	Buku Ajar Mahasiswa, Penerbit: Unesa University Press (ISBN 978-602-499- 065-2)	2017		√	
100	Pemanfaatan Indikator Alam dalam Mewujudkan Pembelajaran Kimia Berwawasan Green Chemistry	Mitarlis, Utiya Azizah, Bertha Yonata	Jurnal Penelitian Pendidikan IPA (JPPIPA) Prodi Pendidikan Sains FMIPA Unesa, Vol.3. No..1, 2018	2018		√	
101	Designing of Basic Chemistry Course to Support Learning Curriculum with Green Chemistry Insight	Mitarlis, Utiya Azizah, Bertha Yonata	<i>Advances in Intelligent System Research (AISR)</i> , volume 157. ISSN: 1951-6851, ISBN: 978-94-6251-601-3  published by Atlantis Press (Terindeks Thomson Reuters)	2018			√
102	Alternative Lesson Design of Basic Chemistry Learning to Integrate Green Chemistry Principles as View of Scientific Character Values	Mitarlis, Utiya Azizah, Bertha Yonata	<i>Advances in Engineering Research, Atlantis Press</i> , Volume 171. ISSN: 2352-	2018			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
			5401, ISBN: 978-94-6252-591-7 (Terindeks Thomson Reuters)				
103	Pelatihan Pengelolaan Laboratorium Pendidikan Kimia Bagi Guru-Guru MGMP Kimia Blitar	Mitarlis	Jurnal Abdi, Vol 4 No 1 pp: 45-50	2018		√	
104	Practicing The Student's Communication Skills Through The Application Of Guided Inquiry On The Reaction Rate Material At Xi Grade Sman 1 Cerme-Gresik	Mitarlis	Unesa Journal of Chemical Education, Vol 7 No 1 pp: 1-7, 2018	2018		√	
105	Utilization of Colored Flowers as An Alternative Learning Media of Acid Base Indicator On Basic Chemistry Course With Green Chemistry Insight	Mitarlis	Atlantis Highlights in Chemistry and Pharmaceuticalu Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. (Terindeks Thomson Reuters)	2019			√
106	Some Mistake Which often Happened in Simulation of Inductive Models Implementing	Muchlis	Journal of Chemistry Education Research (JCER), Volume 1, No 1, June 2017; pp 22-26. ISSN: 2549 – 1644	2017		√	
107	Analysis Inhibiting Factor Of Students Communication Skill Through Implementation Of Nht On Colloid Material	Muchlis	Journal of Chemistry Education Research (JCER), Volume 1, No 2, December 2017; pp 41-48 ISSN: 2549 – 1644	2017		√	

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
108	Pelatihan Penilaian Keterampilan Proses Sains Bagi Guru Sma Mapel Kimia Di Kabupaten Banyuwangi	Muchlis, Rudiana Agustini, Harun Nasrudin	Jurnal Abdi, Vol 2 No 2 pp: 72-82, 2017	2017		√	
109	Penerapan Model Pembelajaran Inkuiri Terbimbing Untuk Melatihkan Kemampuan Literasi Sains Siswa Pada Materi Keseimbangan Kimia Kelas Xi Sma Negeri 1 Manyar Gresik	Muchlis	Unesa Journal of Chemical Education, Vol 6 No 1 pp: 102-110, 2017	2017		√	
110	Kimia Anorganik Unsur Transisi	Muchlis, Kusumawati Dwiningsih, Rusly Hidayah	Buku Ajar Mahasiswa, Diterbitkan oleh Unesa University Press, ISBN: 978- 602-449-086-7	2017		√	
111	Implementation Of Brainstorming Based On Learning Cycle 5-E Model To Complete Student Learning Outcome Of X-Science Students On The Material Of Electrolyte And Nonelectrolyte Solution In Sman 1 Sidoarjo	Muchlis	Unesa Journal of Chemical Education, Vol 7 No 3 pp: 422-426, 2018	2018		√	
112	Student's Perception Of Chemistry Department Towards Assessment Approach	Muchlis	Proceeding of International Conference on Science and Technology (ICST), Bali, 18-19 October 2018	2018			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
113	Relationships Between Perception toward Assessment with Learning Result of Student	Muchlis	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. (Terindeks Thomson Reuters)	2019			√
114	Profile of students' learning styles in Sorogan-Bandongan organic chemistry lecture	Rinaningsih	IOP Conf. Series: Journal of Physics: Conf. Series <b>1013</b> (2018) 012093 (Terindeks Scopus)	2018			√
115	Application Sorogan-Bandongan Model in Lectures Reaction Mechanism	Rinaningsih	<i>Advances in Engineering Research, Atlantis Press, Volume 171.</i> ISSN: 2352-5401, ISBN: 978-94-6252-591-7 (Terindeks Thomson Reuters)	2018			√
116	The Sorogan-Bandongan Model as Active Learning in Indonesia	Rinaningsih	Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2. (Terindeks Thomson Reuters)	2019			√
117	Development of Learning Materials on Industrial Chemistry Lecture to Support Ecopreneurship in Chemistry Department FMIPA Unesa	Dian Novita	Journal of Chemistry Education Research (JCER), Volume 1, No 2, December 2017; pp 55-59 ISSN: 2549 – 1644	2017		√	

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
118	Interpretasi, Analisis, dan Inferensi dengan Penerapan Model Pembelajaran Berbasis Masalah pada Materi Pokok Laju Reaksi Kelas XI di SMA 1 Manyar Gresik	Dian Novita	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, ISBN: 978-602-0951-15-7. 7 Oktober 2017	2017		√	
119	Pengembangan LKS Entrepreneurship dengan Strategi Writing to Learn untuk Siswa Tuna Rungu	Dian Novita, Sukarmin	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, ISBN: 978-602-0951-15-7. 7 Oktober 2017	2017		√	
120	Implementasi Pembelajaran Kooperatif Tipe Two Stay Two Stray (Tsts) Untuk Melatihkan Karakter Pada Materi Laju Reaksi Di Sman 1 Krembung Sidoarjo	Dian Novita	Unesa Journal of Chemical Education, Vol 6 No 1 pp: 30-34, 2017	2017		√	
121	Penerapan Model Pembelajaran Kooperatif Tipe Think Pair Share Dengan Media Chemic (Chemistry Comic) Untuk Meningkatkan Hasil Belajar Siswa Pada Materi Ikatan Kimia Di SMAN 1 Krian Sidoarjo	Dian Novita	Unesa Journal of Chemical Education, Vol 7 No 2 pp: 276-282, 2018	2018		√	
122	Melatihkan Multiple Intelligences Peserta Dididk Melalui Model Pembelajaran Kooperatif Jigsaw pada Materi Laju Reaksi	Dian Novita	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	



NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
123	Pengembangan LKS dengan Strategi Writing-To-Learn untuk Siswa SMPLB Tuna-rungu pada Materi Kimia Rumah Tangga.	Dian Novita	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
124	Training Multiple Intelligences (Visual-spatial and Linguistic Intelligence) of Students Through Guided Inquiry Model Lesson on Reaction Rate Chapter	Dian Novita	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
125	<b>Interactive Multimedia and Kit Implementation on Chemistry in Daily Life Topic with Writing-to-Learn Strategy for Hearing Impairment Students</b>	Dian Novita	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
126	<b>CHIBO Adventure Games a Learning Media on Chemical Bond Matter for Senior High School</b>	Dian Novita	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
127	Pengembangan Lembar Kerja Siswa Berorientasi Inkuiri Terbimbing Untuk Melatih Keterampilan Proses Sains Pada Materi Keseimbangan Kimia	Rusmini	Unesa Journal of Chemical Education, Vol 6 No 2 pp: 435-439, 2017	2017		√	

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
128	Utilization of Kereweng as A Coating for Slow Release Nitrogen Fertilizer	Rusmini	Reseach Journal of Pharmaceuti cal, Biological and Chemical Sciences (RJPBCS) Vol 5 No. 6, 2017 (Terindeks Thomson Reuters)	2017			√
129	Utilization of Filter Cake and Waste of Soybean Extract in Making Casting Fertilizer	Rusmini	Reseach Journal of Pharmaceuti cal, Biological and Chemical Sciences (RJPBCS) Vol 5 No. 6, 2017 (Terindeks Thomson Reuters)	2017			√
130	Decrease of Heavy Metal Using Effective Microorganism 4 (EM4) as the Soil Bioremediation Effort	Rusmini	Reseach Journal of Pharmaceuti cal, Biological and Chemical Sciences (RJPBCS) Vol 8 No. 6, 2017(Terindeks Thomson Reuters)	2017			√
131	Pengaruh Waktu Interaksi Bentonit Teraktivasi Terhadap Daya Serap Iodium	Rusmini	Indonesian Chemistry and Aplication Journal (ICAJ), Vol 1 No.1, 2017	2017		√	
132	Utilization Activated Carbon from Bagasse in Processed of Laundry Waste	Rusmini	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
133	Adsorption of Heavy Metals of Activities Disposal in Laboratory Using Active Carbon and Bentonite	Rusmini	Proceeding of International Conference on Science and	2018			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
			Technology (ICST), Bali, 18-19 October 2018				
134	Theoretical And Emperical Validity of Student <i>WorkSheets To Train Eco Innovation In The Study of Food Analysis</i>	Rusmini	<i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, volume 1</i>  Seminar Nasional Kimia - National Seminar on Chemistry (SNK 2019), pp. 193-197 (Terindeks Thomson Reuters)	2019			√
135	Utilization Of Nanogold And Nanosilver To Treat <i>Herpes Disease: Case Study Of Herpes Transmission In Islamic Cottage Schools</i>	Rusmini	<i>Atlantis Highlights in Chemistry and Pharmaceutical Sciences, volume 1</i>  Seminar Nasional Kimia - National Seminar on Chemistry (SNK 2019), pp. 88-94 (Terindeks Thomson Reuters)	2019			√
136	Synthesis and Characterization of Nanogold and Nanosilver as Leprosy Drug Candidates and Their Activity Tests in Leprosy Patients; Case Study	Rusmini	<i>Advances in Computer Science Research, volume 95</i> , Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019), pp.22-27 (Terindeks Thomson Reuters)	2019			√
137	Synthesis and Characterization of Nanogold-Nanosilver Cluster Diameter Using UV-Visible Instruments and TEM	Rusmini	<i>Advances in Social Science, Education and Humanities Research, volume 390</i> International	2019			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
	Electron Microscope Transform Instruments		Conference on Research and Academic Community Services (ICRACOS 2019) pp. 146-151				
138	Characteristic and Adsorption Capacity of Activated Carbon and Bentonite to Heavy Metal	Rusmini	Eurasian Journal of Analytical Chemistry ISSN: 1306-3057 OPEN ACCESS 2019 14 (3): 48-54	2019			√
139	Development of Student Work Sheet Based on Soft Skills on Colloid Materials Class XI High School	Rusmini	<i>Journal of Chemistry Education Research</i> , Volume 3 no 1, 2019	2019		√	
140	Penerapan Model Pembelajaran Kooperatif dan Model Pengajaran Langsung Untuk Melatihkan Keterampilan Sosial Siswa Pada Materi Redoks Di SMAN 1 Cerme	Rusmini	<i>Unesa Journal of Chemical Education</i> , Vol 8, No 2 , 2019	2019	√		
141	<b>Formulasi Dan Uji Aktivitas Antibakteri Sediaan Footspray Anti Bau Kaki Yang Mengandung Ekstak Kulit Jeruk Nipis Dan Ampas Kopi</b>	Rusmini	<i>Indonesia Chemistry and Application Journal</i> , Volume 3 no 1, 2019	2019	√		
142	The Development Of Student Worksheet With Contextual Teaching And Learning Oriented On Thermochemical Matter To Train Student Critical Thinking Skill	Bertha Yonata	Unesa Journal of Chemical Education, Vol 6 No 1 pp: 66-73, pp: 2017	2017		√	
143	Laboratory Activity Worksheet to Train High Order Thinking Skill of Student on Surface Chemistry Lecture	Bertha Yonata,	Jounal of Physic: Conf. Ser. 947 012027	2018			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
		Harun Nasrudin	(Terindeks Scopus)				
144	Students' Creativity and High Order Thinking Skills in Laboratory Activity of Surface Chemistry	Bertha Yonata, Dian Novita	Advance in Intelligent Systems Research (AISR), vol 157 (Terindeks Thomson Reuters)	2018			√
145	Development of Student Activity Sheet Scientific Literacy Oriented in Acid-Base Matter	Bertha Yonata	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7</i> (Terindeks Thomson Reuters)	2018			√
146	Profile of The Academic Competency of Chemistry Education Students	Bertha Yonata	International Conference on Science and Technology (ICST), Bali, 18-19 October 2018	2018			√
147	Chemical Materials Mastery of High School Students in East Java	Bertha Yonata	Proceedings of the Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019)	2019			√
148	Pengembangan Media Pembelajaran Kimia Berbasis Media Laboratorium Virtual Berdasarkan Paradigma Pembelajaran Di Era Global	Kusumawati Dwiningsih	Seminar Nasional Kimia dan Pendidikan Kimia (SNKPK) 2017	2017		√	
149	Inovasi Pembelajaran 2 Implementasi di Kelas Kimia	Kusumawati Dwiningsih,	Unesa University Press, ISBN 978-602-449-085-0	2017		√	

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
		Sukarmin, Utiya Azizah					
150	Penyusunan Karya Tulis Ilmiah Bagi Guru SMAN Di Kabupaten/ Kota Gresik	Kusumawati Dwiningsih	Jurnal Abdi, Vol 3 No 1 pp: 22-31	2017		√	
151	Inovasi Pembelajaran-2	Kusumawati Dwiningsih, Sukarmin, Utiya Azizah	Buku Ajar Mahasiswa, Penerbit: Unesa University Press, ISBN: 978- 602-449-085-0	2017		√	
152	Pengembangan Vi-Lab sebagai Media Pembelajaran pada Sub Materi Kimia Unsur Oksigen	Kusumawati Dwiningsih	Seminar nasional kima dan pembelajaran 2018  Universitas Negeri Malang -	2018		√	
153	Development of Virtual Laboratory Inorganic Chemistry of Main Elements Based on Blended Learning Using Pogil Strategy	Kusumawati Dwiningsih, Sukarmin, Muchlis	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352- 5401, ISBN: 978-94-6252- 591-7 (Terindeks Thomson Reuters)</i>	2018			√
154	The Effectiveness of Blended Learning Oriented LKS with POGIL Strategy on High School Chemical Bond Subject	Kusumawati Dwiningsih	JKPK (Jurnal Kimia dan Pendidikan Kimia). vol.3 No. 2 , hal. 53-62 tahun 2018	2018		√	
155	Developing Student Worksheet Oriented to Science Literacy in Chemical Bonding	Kusumawati Dwiningsih	<i>Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-</i>	2018			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
	Matter to Train Student's Science Literacy Ability in Senior High School		5401, ISBN: 978-94-6252-591-7 (Terindeks Thomson Reuters)				
156	Minimizing misconception of ionization energy through three-tier diagnostic test	Kusumawati Dwiningsih	Periodico Tche Quimica vol. 15, 2018	2018			v
157	Pengembangan Media Pembelajaran Kimia Menggunakan Media Laboratorium Virtual Berdasarkan Paradigma Pembelajaran Di Era Global	Kusumawati Dwiningsih, Sukarmin, Muchlis	Kwangsan Jurnal Teknologi Pendidikan Vol: 06/02 Desember 2018. Online ISSN: 2622-4283, Print ISSN: 2338-9184 10.31800/jtp.kw.v6n2.p156--176	2018		v	
158	Pengembangan Vi-Lab Sebagai Media Pembelajaran pada Sub Materi Kimia Unsur Oksigen	Kusumawati dwiningsih	Prosiding Seminar Nasional Kimia dan Pembelajarannya 2018  Malang, 03 November 2018  ISBN 978-602-96714-5-2	2018	v		
159	Analysis of Technological Pedagogical Content Knowledge (TPACK) Capabilities of Prospective Chemistry Teachers on Chemical Bonding Materials	Kusumawati Dwiningsih  Muchlis	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			v

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
160	Validity of Interactive Multimedia with 3D Visualization to Practice the Spatial Visual Intelligence of Class X High School Students on Metallic Bonding Materials	Kusumawati Dwiningsih,	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
161	Pengembangan Lembar Kerja Siswa Berorientasi Direct Instruction Melalui Blended Learning Pada Materi Hidrokarbon	Kusumawati dwiningsih	UJCED Vol.8, No.2 pp.38 - 42 May 2019  ISSN: 2252-9454 /2018	2019	√		
162	Analisis Validitas LKPD Berorientasi Blended Learning Untuk Melatihkan Keterampilan Berpendapat Peserta Didik Kelas X Sma Pada Materi Reaksi Oksidasi Reduksi	Kusumawati dwiningsih	UJCED Vol.8, No.3 pp.477-484 September 2019  ISSN: 2252-9454	2019	√		
163	Permainan “Kimia Kotak Katik” Sebagai Media Pembelajaran Pada Materi Sistem Periodik Unsur	Rusly Hidayah	Jurnal Tadris Kimiya  Volume 2 Nomor 1 Tahun 2017	2017		√	
164	Validitas LKPD Berbasis NOS( <i>Nature Of Science</i> ) pada Materi Keseimbangan Kimia untuk Meningkatkan Keterampilan Proses Sains dan Menumbuhkan Literasi Sains Siswa Kelas XI SMA	Rusly Hidayah	Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat 2017 (SEMNAS PPM 2017)	2017		√	



NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
165	Validitas Lembar Kerja Peserta Didik (LKPD) Berbasis <i>Problem Based Learning</i> untuk Melatihkan Kemampuan Literasi Sains pada Materi Asam Basa Kelas XI	Rusly Hidayah	Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat 2017 (SEMNAS PPM 2017)	2017		√	
166	Pelatihan Penggunaan Laboratorium Virtual Sebagai Media Pembelajaran Kimia Bagi Guru Di Mgmp Kimia Kabupaten Banyuwangi	Rusly Hidayah, Sukarmin, Achmad Lutfi	Jurnal Abdi, Vol 2 No 2 pp: 87-90	2017		√	
167	The Development Of Experimental Guidance Book Of Inorganic Chemistry With Material Safety Data Sheet	Rusly Hidayah	International Journal of Education and Research Vol. 6 No. 2 February 2018	2018			√
168	Pengembangan LKS Praktikum untuk Melatihkan Keterampilan Proses Sains pada Kelas X SMA/MA	Rusly Hidayah	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
169	Implementation Inquiry Learning Models To Practice Higher Order Thinking Skill Students in Chemical Bonding Material	Rusly Hidayah	Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, 22 September 2018	2018		√	
170	Development of Student Worksheet Based Guided Inquiry to Practice Scientific Literacy in Thermochemical Chapter of XI Grade in Senior High School	Rusly Hidayah	<i>Advances in Engineering Research, Atlantis Press</i> , Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7 (Terindeks Thomson Reuters)	2018			√

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
171	Guided Inquiry Model to Promote Science Process Skill Students on Acid-Base	Rusly Hidayah	Advance in Intelligent Systems Research (AISR), vol 157 (Terindeks Thomson Reuters)	2018			√
172	The Effectiveness of Guided Inquiry-Based Students Practicum Worksheet to Promote Science Process Skills In Reaction Rate	Rusly Hidayah	Proceeding of International Conference on Science and Technology (ICST), Bali, 18-19 October 2018	2018			√
173	Pemantapan Kompetensi Profesional Guru Kimia Di Mgmp Kimia SMA Kabupaten Blitar Melalui Pelatihan Pembuatan Perangkat Pembelajaran Berbasis Inkuiri	Rusly Hidayah, Muchlis	Jurnal Abdi, Vol 4 No 1 pp: 41-44	2018		√	
174	Implementation Of Guided Inquiry Learning Models With Deep Dialogue And Critical Thinking Method In Submatter Of Factors That Affecting Reaction Rate At Sma Negeri 1 Cerme	Rusly Hidayah	Unesa Journal of Chemical Education, Vol 7 No 1 pp: 19-25, 2018	2018		√	
175	The Practicality of Scrap-mod as a Learning Media on Molecular Geometry	Rusly Hidayah	Proceedings of the Mathematics, Informatics, Science, and Education International Conference (MISEIC 2019)	2019			√
176	The Effectiveness Of Scrapmod As A Learning Media To Improve Students'learning Outcomes	Rusly Hidayah	JTK (Jurnal Tadris Kimiya) 4 (2), 216-225	2019		√	

NO.	TITLE	AUTHOR	PUBLICATION	YEAR	LEVEL*		
					LOC.	NAT.	INTER.
177	Efektivitas Lembar Kerja Peserta Didik (LKPD) Berbasis Contextual Teaching And Learning Untuk Melatihkan Keterampilan Berpikir Kritis Pada Materi Larutan Elektrolit Dan Non Elektrolit	Rusly Hidayah	Jurnal Zarah 7 (2), 35-39	2019		√	
178	Students' Misconceptions on Understanding Corrosion Topic by and without Analogy	Findiyani Ernawati Asih	Proceedings of the National Seminar on Chemistry 2019 (SNK-19)  Atlantis Press (Terindeks Thomson Reuters)	2019			√
<b>JUMLAH</b>					n <sub>c</sub> = 5	n <sub>b</sub> = 73	n <sub>a</sub> = 100