

ARTICLE PUBLICATION OF UPCE LECTURERS DURING 2021

No	Faculty Members	Title	Authors (Year)	Name Of Journal	Quartil	URL/ DOI
Mitarlis						
1		Pengembangan Lembar Kerja Peserta Didik (LKPD) Berwawasan Green Chemistry Untuk Meningkatkan Kemampuan Literasi Sains Pada Materi Asam Basa	Ulandari, A. & *Mitarlis, (2021)	Jurnal Inovasi Pendidikan Kimia, Vol 15, No 1, Pp. 2764 – 2777.		https://Journal.Unnes.Ac.Id/Nju/Index.Php/JIPK/Article/View/26031 DOI: https://doi.org/10.15294/jipk.v15i1.26031
2		Student Worksheet Oriented On Science, Technology, Engineering, And Mathematics (STEM) With Pjbl Model On Acid Base Matter By Using Natural Product.	Khofifah, I.N. & *Mitarlis, (2021)	Jurnal Pendidikan Kimia Vol. 13, No. 1, Pp. 22 – 37.	Sinta 4	https://jurnal.unimed.ac.id/2012/index.php/jpk/article/view/24141
3		Lembar Kerja Peserta Didik Berorientasi Mind Mapping Untuk Melatihkan Keterampilan Berfikir Kreatif Pada Materi Asam Basa.	Anggreani, P. & Mitarlis*, (2021)	UNESA Journal Of Chemical Education. Vol.10, No. 2, Pp. 131-139.	Sinta 4	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/38552/34111
4		Student Worksheets With Scientific Literacy Oriented On Hydrolysis Matter By Utilizing Surrounding Materials As An Alternative Practicum In Pandemic Era.	Mega Putri, G.R., & *Mitarlis, (2021)	Journal Of Educational Sciences, Vol. 5 No. 3 (July, 2021) 542-558	Sinta 3	https://jes.ejournal.unri.ac.id/index.php/jes/article/view/8195
5		Pengembangan Lembar Kerja Peserta Didik Berorientasi Model Induktif Untuk Melatihkan Keterampilan Berpikir Kritis Peserta Didik Kelas XI SMA Pada Materi Termokimia	Prima, L. & *Mitarlis (2021)	UNESA Journal Of Chemical Education ISSN: 2252 -9454 Vol.10, No. 3, Pp. 213 - 221, September 2021	Sinta 4	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/40764/36313 DOI: https://doi.org/10.26740/ujced.v10n3.p213-221

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		(Development Of Student Worksheets With Inductive Model Oriented To Train The Critical Thinking Of Students Class XI SMA On Thermochemistry Materials)				
6		Lembar Kerja Peserta Didik (LKPD) Dengan Strategi Mind Mapping Untuk Melatihkan Keterampilan Berpikir Kreatif Pada Materi Redoks Kelas X (Student Worksheet With Mind Mapping Strategy To Practice Creative Thinking Skills On Redox Matter Class X)	Sulistiowati, E., & *Mitarlis (2021)	UNESA Journal Of Chemical Education. Vol.10, No. 2, Pp. 185–194, May 2021	Sinta 4	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/38973/34433 DOI: https://doi.org/10.26740/ujced.v10n2.p185-194
7		Pengembangan LKPD Berorientasi Problem Based Learning (PBL) Untuk Meningkatkan Keterampilan Berpikir Kritis Pada Materi Hidrokarbon (Development Of Student Worksheet Which Problem Based Learning Oriented To Increase Students Critical Thinking Skills On Hydrocarbon Material)	Gabriella, N., & *Mitarlis (2021)	UNESA Journal Of Chemical Education. Vol.10, No. 2, Pp. 103–112, May 2021	Sinta 4	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/38384 DOI: https://doi.org/10.26740/ujced.v10n2.p103-112
8		Utilization Of Surrounding Materials To Support Basic Chemistry Learning In The Covid19 Pandemic Era	Mitarlis* Harun Nasrudin, Rusmini Rusmini, Dian Novita (2021)	Proceedings Of The International Joint Conference On Science And	Trindeks	https://www.atlantispress.com/proceedings/ijcse-21/125966533 DOI

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				Engineering 2021 (IJCSE 2021)		https://doi.org/10.2991/Aer.K.211215.047
Muchlis						
9		Implementation Of Cooperative Learning Model NHT To Train Students Communication Skill In Acid Base Matter	Lelly Puspitasari Dan Muchlis (2021)	Journal Of Chemistry Education Research (JCER) <u>VOLUME 5</u> <u>NO. 1, JUNE</u> <u>2021</u>	Q3	https://journal.unesa.ac.id/index.php/jcer/article/view/7896 https://doi.org/10.26740/jcer.v5n1.p12-21
10		Implementation Of Problem Based Learning To Train Critical Thinking Skills Students At Basic Acid Materials	Reny Yulfiani Dan Muchlis (2021)	Journal Of Chemistry Education Research (JCER) <u>VOLUME 5</u> <u>NO. 2,</u> <u>DECEMBER</u> <u>2021</u>	Q3	https://journal.unesa.ac.id/index.php/jcer/article/view/8230 https://doi.org/10.26740/jcer.v5n2.p61-69
11		E-LKPD Berorientasi Contextual Teaching And Learning Untuk Melatihkan Keterampilan Berpikir Kritis Siswa Pada Materi Termokimia	Dyah Dwi Lestari, Dan Muchlis (2021)	<u>Jurnal Pendidikan Kimia Indonesia</u> <u>Vol 5, No 1</u> <u>(2021)</u>	Q2	https://ejournal.undiksha.ac.id/index.php/jpk/article/view/30987 http://dx.doi.org/10.23887/jpk.v5i1.30987

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12		Pengembangan LKPD Berbasis Predict-Observe-Explain Untuk Melatihkan Keterampilan Berpikir Kritis Peserta Didik Pada Materi Daya Hantar Listrik Larutan.	Cita Triadhani Olivia, Dan Muchlis (2021)	Jurnal Pendidikan Kimia Undiksha Vol 5, No 1 (2021)	Q4	https://Ejournal.Undiksha.Ac.Id/Index.Php/JPK/Article/View/32705 Http://Dx.Doi.Org/10.23887/Jpk.V5i1.32705
13		Penerapan Model Pembelajaran POGIL Pada Materi Laju Reaksi Untuk Melatihkan Keterampilan Berpikir Kritis Peserta Didik	Dian Septi Wijiastuti Dan Muchlis (2021)	UNESA Journal Of Chemical Education (Ujced) VOL 10 NO 1 (2021)	Q4	https://Ejournal.Unesa.Ac.Id/Index.Php/Journal-Of-Chemical-Education/Article/View/37355 Https://Doi.Org/10.26740/Ujced.V10n1.P48-55
14		Pengembangan LKPD Berbasis Problem Based Learning Untuk Melatihkan Keterampilan Berpikir Kritis Pada Materi Larutan Penyangga	Amnia'ul Aida Jawadiyah Dan Muchlis (2021)	UNESA Journal Of Chemical Education (Ujced) VOL 10 NO 1 (2021)	Q4	https://Ejournal.Unesa.Ac.Id/Index.Php/Journal-Of-Chemical-Education/Article/View/39079 Https://Doi.Org/10.26740/Ujced.V10n2.P195-204
Harun Nasrudin						
15		The Correlation Analysis Between Critical Thinking Skills And Learning Outcomes Through Implementation Of Guided Inquiry Learning Models	Laiaza Aghenia Muhan & Harun Nasrudin	Jurnal Pendidikan Sains (JPS)		https://Jurnal.Unimus.Ac.Id/Index.Php/JPKIMIA /Article/View/6846/Pdf
16		Effectiveness Of Guided Inquiry- Based On Blended Learning In Improving Critical Thinking Skills	Rita Saekawati & Harun Nasrudin	Jurnal Penelitian Ilmu Pendidikan (JPIP)		https://Journal.Uny.Ac.Id/Index.Php/Jpip/Article/View/36947/15577
17		The Development Of STEM (Science, Technology, Engineering And Mathematics) Based Inquiry Learning	Maya Fahrudatul, Erman, Harun Nasrudin	Jurnal Penelitian Pendidikan Sains (JPPS)		https://Journal.Unesa.Ac.Id/Index.Php/Jpps/Article/View/10995/5714

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		Packages To Train Students' Critical Thinking Skill				
18		The Claims Statements From Viral Videos For Instrument Development To Assess Argumentation Thinking Skills	Suyono, Harun Nasrudin, Bertha Yonata And W B Sabtiawan	IOP Conf. Series: Journal Of Physics: Conference Series (JPCS)		https://topscience.iop.org/article/10.1088/1742-6596/1899/1/012174/meta
19		The Effectiveness Of STEM Based Inquiry Learning Packages To Improving Students' Critical Thinking Skill	Maya Isdiantil, Harun Nasrudin, Erman	Journal For The Education Of Gifted Young Scientists		https://dergipark.org.tr/en/pub/jegys/issue/64497/832239
20		Analysis Of Critical Thinking Skills In Reaction Rate Using Guided Inquiry With Web-Assisted Courses.	Ayu Indahyana, Harun Nasrudin	Chemistry Education Practice		https://jurnalfkip.unram.ac.id/index.php/cep/article/view/2399/2034
21		Utilization Of Surrounding Materials To Support Basic Chemistry Learning In The Covid19 Pandemic Era	Mitarlis, Harun Nasrudin, Rusmini, Dian Novita	Proceedings Of The International Joint Conference On Science And Engineering 2021 (IJCSE 2021)		https://www.atlantispress.com/proceedings/ijcse-21/125966533
22		The Validity Of The Internalized Argumentation Skills Test For Chemistry Students.	Suyono, Harun Nasrudin, Bertha Yonata, Duhita, Savira Wardani, Anggita Intan Kumala Dewi	E3S Web Of Conferences 328, 06008. (2021). ICST 2021		https://www.e3s-conferences.org/articles/e3sconf/pdf/2021/104/e3sconf_icstunkhair2021_06008.pdf
Achmad Lutfi						
23		Learning Success Chemical Bonds By Using The "Chebo Collect Game": A Case Study	Achmad Lutfi 2. Rusly Hidayah, Sukarmin,	Journal Of Technology And Science		https://www.jotse.org/index.php/jotse

No	Faculty Members	Title	Authors (Year)	Name Of Journal	Quartil	URL/ DOI
			Kusumawati Dwiningsih	Education (Jotse)		
24		Applying Gamification To Improve The Quality Of Teaching And Learning Of Chemistry In High Schools: A Case Study Of Indonesia.	Achmad Lutfi 2. Suyono, 3. Rusly Hidayah	Asia-Pacific Forum On Science Learning And Teaching.		https://www.eduhk.hk/apfslt/
25		Gamification For Science Learning Media: Teacher Challengers And Student Expectation.	. Achmad Lutfi 2. Rusly Hidayah	International Journal Of Interactive Mobile Technologies (Ijim)		https://www.online-journals.org/index.php/I-Jim/issue/view/633 https://www.online-journals.org/index.php/I-Jim/article/view/15175/8537
26		Students' Well-Being And Game Implementation In Learning Chemistry In Merdeka Belajar Era	1. Ni'matul Zahro, 2. Achmad Lutfi	Jurnal Pendidikan Kimia Indonesia Volume : 5 No/Issue: 1 Tahun Terbit: April 2021 Hal: 34 - 43		https://ejournal.undiksha.ac.id/index.php/JPK
27		Pengembangan KIT Praktikum Media Pembelajaran Materi Campuran Dan Larutan Peserta Didik Tunanetra SMPLB	1. Wara Mulyaning Utami, 2. Achmad Lutfi	Jurnal Pendidikan Kimia Indonesia Volume : 5 No/Issue: 1 Tahun Terbit: April 2021 Hal: 16 - 24		https://ejournal.undiksha.ac.id/index.php/JPK

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28		Gamifikasi Untuk Pendidikan: Pembelajaran Kimia Yang Menyenangkan Pada Masa Pandemic Covid-19	1. Achmad Lutfi, 2. Nur Qurroatur Aini, 3. Nurul Amalia, 4. Putri Amiratul Umah, 5. Maissy Diana Rukmana:	Jurnal Pendidikan Kimia Indonesia Volume : 5 No/Issue: 2 Tahun Terbit: Oktober 2021		https://ejournal.undiksha.ac.id/index.php/jpk
Rusmini						
29		Acid Base Module With SETS Approach To Train Students' Critical Thinking Skill	Anis Mualifah, Rusmini	Jurnal Pendidikan Dan Pembelajaran Kimia (JPPK)		http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/22109
30		Development Of Critical Thinking Skills And Argumentation Skills Assessment Instruments Towards 21st-Century Skills Based On Non-Routine Problems	Rusmini, Suyono, Rudiana Agustini	Atlantis Press - International Joint Conference On Science And Engineering 2021 (IJCSE 2021)		https://www.atlantispress.com/proceedings/ijcse-21/125966583
31		Hydrocarbon And Petroleum With Sets Approach Module To Train Students' Critical Thinking Skills	Dinda Karunia Putri, Rusmini	Indonesian Journal Of Science And Mathematics Education		http://ejournal.radenintan.ac.id/index.php/ijsme/article/view/7839
32		Beneêts Of Nanogold Injections To Treat Rheumatism Arthritis Complaints: A Case Study On Covid19 Clinical Test Volunteers	Titik Tauêkurohmah, Rusmini And Djodjok Soepardjo	E3S Web Conf. Volume 328, 2021 International Conference On Science And Technology (ICST 2021)		https://www.e3s-conferences.org/articles/e3sconf/abs/2021/104/e3sconf_icstunkhair2021_01017/e3sconf_icstunkhair2021_01017.html

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33		Profile Of Argumentation Ability Of Undergraduate Students In Chemistry Education Based On Non-Routine Problems	Rusmini, Suyono, Rudiana Agustini	E3S Web Conf. Volume 328, 2021 International Conference On Science And Technology (ICST 2021)		https://www.e3s-conferences.org/articles/e3sconf/abs/2021/104/e3sconf_icstunkhair2021_06007/e3sconf_icstunkhair2021_06007.html
34		Analysis Of Science Process Skills Of Chemical Education Students Through Self Project Based Learning (Sjbl) In The Pandemic COVID 19 Era	Rusmini, Suyono, Rudiana Agustini	Journal Of Technology And Science Education		https://www.jotse.org/index.php/jotse/article/view/1288
35		The Diagnosis Of Misconception On The Concept Of Acid-Base Theory In Prospective Teacher Students Used A Three-Tier Test	Rusmini, Suyono, Budi Jatmiko, Bertha Yonata	Iop - Journal Of Physics: Conference Series- J. Phys.: Conf. Ser. 1899 012061		https://iopscience.iop.org/article/10.1088/1742-6596/1899/1/012061
36		Aplication Of Nanogold And Nanosilver To Reduce Rheumatic Arthritis: Case Study At Leprosy Patients	Titik Taufikurohmah, Rusmini And D Soepardjo	Iop- Journal Of Physics: Conference Series- Annual Conference On Science And Technology (ANCOSET 2020)		https://www.proquest.com/docview/2515172880/55D73A5CF20A44D6PQ/1
37		Pembuatan Sabun Cuci Tangan Sebagai Upaya Pemutusan Penyebaran Rantai Covid 19 Di Kabupaten Tuban	Nuniek Herdyastuti, Titik Taufikurrohmah, Rusmini , Mustaji, Sari Edi Cahyaningrum	Jurnal ABDI: Media Pengabdian Kepada Masyarakat		https://journal.unesa.ac.id/index.php/abdi/article/view/12895

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38		Acid Base Module With SETS Approach To Train Students' Critical Thinking Skil	Anis Muallifah, Rusmini	Jurnal Pendidikan Dan Pembelajaran Kimia (JPPK)		Http://Jurnal.Fkip.Unila.Ac.Id/Index.Php/JPK/Article/View/22109
39		Pengembangan Lembar Kerja Peserta Didik Untuk Melatihkan Keterampilan Argumentasi Ilmiah Peserta Didik Pada Materi Laju Reaksi	Aulia Nihayatul Muna Dan Rusmini	UNESA Journal Of Chemical Education		Https://Ejournal.Unesa.Ac.Id/Index.Php/Journal-Of-Chemical-Education/Article/View/38798/34379
40		Kelayakan Lembar Kerja Peserta Didik Untuk Melatihkan Keterampilan Argumentasi Peserta Didik Sma Kelas Xi	Amala Anggraeni Afandi Dan Rusmini	Prosiding Seminar Nasional Kimia (SNK) 2021		Https://Kimia.Fmipa.Unesa.Ac.Id/2021-2/
		Pengembangan Lembar Kerja Peserta Didik Untuk Melatihkan Keterampilan Argumentasi Ilmiah Peserta Didik Pada Materi Laju Reaksi	Aulia Nihayatul Muna Dan Rusmini	UNESA Journal Of Chemical Education		Https://Ejournal.Unesa.Ac.Id/Index.Php/Journal-Of-Chemical-Education/Article/View/38912/34378
Dian Novita						
41		Training The Analysis Skills Of Student Through The Application Of Guided Inquiry Learning Models On Reaction Rate Materials	Fatimah Millenia Fauziah, Dian Novita	Jurnal Penelitian Pendidikan Sains (JPPS)		Https://Journal.Unesa.Ac.Id/Index.Php/Jpps/Article/View/11329
42		Strategi Konflik Kognitif Sebagai Pembelajaran Remedial Materi Laju Reaksi Untuk Mereduksi Miskonsepsi Kelas XI Mipa SMAN 2 Blitar	Dora Nurmartarina, Dian Novita	Jurnal Pendipa		Https://Ejournal.Unib.Ac.Id/Index.Php/Pendipa/Article/View/14578
43		Dynamic Equilibrium: The Conception Of A Prospective Chemistry Teacher	Dian Novita, Suyono Suyono, Lenny Yuanita	Proceedings Of The International Joint Conference On Science And Engineering		Https://Www.Atlantis-Press.Com/Proceedings/Ijcse-21/125966580

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				2021 (IJCSE 2021)		
44		Utilization Of Surrounding Materials To Support Basic Chemistry Learning In The Covid19 Pandemic Era	Mitarlis Mitarlis, Harun Nasrudin, Rusmini Rusmini, Dian Novita	Proceedings Of The International Joint Conference On Science And Engineering 2021 (IJCSE 2021)		https://www.atlantispress.com/proceedings/IJCSE-21/125966533
45		Identify Misconception On Reaction Rate Concept Using Four-Tier Multiple Choice (4TMC) Diagnostic Test Instrument	Ilham Pradana Putra Harahap, Dian Novita	Journal Of Chemistry Education (JCER)		https://journal.unesa.ac.id/index.php/jcer/article/view/7870
46		Development Of Worksheets To Reduce Misconception With A Conceptual Change Text Strategy On Reaction Rate Factors	Muhammad Iqbal Al Fariki, Dian Novita	Jurnal Pendidikan Dan Pembelajaran Kimia (JPPK) Dipublikasikan Oleh Pendidikan Kimia FKIP Unila		http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/21909
47		Pelatihan Pembuatan Media Video Pembelajaran Berbasis Windows+G Dalam Upaya Edukasi Tenaga Pendidik Di Kota Surabaya Pada Masa Pandemi Covid-19	Dian Novita, Bertha Yonata, Rusmini Rusmini, Sri Poedjiastoetii	Jurnal ABDI: Media Pengabdian Kepada Masyarakat		https://journal.unesa.ac.id/index.php/abdi/article/view/11141
48		Creative Thinking Skills In Sub Material Factor Affecting The Rate Of Reaction With The Application Of Online-Based Worksheets On Guided Inquiry	Dian Novita Dan Cindy Mauludiah	JPPS		https://journal.unesa.ac.id/index.php/jpps/article/view/11334

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49		Exploring Cause Of Misconception On Reaction Rate Using 4tmc Diagnostic Test Instrument	Ilham Pradana Putra Harahap, Dian Novita, Rezi Ulya Fauziah, Chawalluck Sriwarom	JPPS (Jurnal Penelitian Pendidikan Sains)		https://journal.unesa.ac.id/index.php/jpps/article/view/12653
50		Implementation Of Electronic Student Worksheet Based On Guided Inquiry Learning Model On Chemical Equilibrium Material To Improve The Students' Creative Thinking Skills	Hafidhon Muhlisun Furqon, Dian Novita	JPPS (Jurnal Penelitian Pendidikan Sains)		https://journal.unesa.ac.id/index.php/jpps/article/view/11220
51		Training The Analysis Skills Of Student Through The Application Of Guided Inquiry Learning Models On Reaction Rate Materials	Fatimah Millenia Fauziah, Dian Novita	JPPS (Jurnal Penelitian Pendidikan Sains)		https://journal.unesa.ac.id/index.php/jpps/article/view/11329
52		Creative Thinking Skills In Sub Material Factor Affecting The Rate Of Reaction With The Application Of Online-Based Worksheets On Guided Inquiry	Cindy Mauludiah, Dian Novita	JPPS (Jurnal Penelitian Pendidikan Sains)		https://journal.unesa.ac.id/index.php/jpps/article/view/11334
Utiya Azizah						
53		Development Of Worksheet Of Conceptual Change To Reduce Misconceptions About VSEPR And Hybridization For Low Imagination Students	Utiya Azizah, Harun Nasrudin	International Journal Of Chemistry Education Research (IJCER)		
54		Implementation Of Guided Inquiry-Based On Blended Learning To Improve Students' Metacognitive Skills In Reaction Rate	Sri Herli Indriyani, Suyono, Utiya Azizah	Jurnal Pendidikan Kimia Indonesia		
55		Metode Blended Learning Berbantuan Google Classroom Meningkatkan Kemandirian Belajar Siswa	Ulfah Nur Afifah,, Utiya Azizah	Jurnal Kependidikan: Jurnal Hasil		

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				Penelitian Dan Kajian Kepustakaan Di Bidang Pendidikan, Pengajaran, Dan Pembelajaran		
56		Analisis Korelasi Keterampilan Metakognitif Dan Minat Belajar Terhadap Hasil Belajar Siswa Pada Materi Keseimbangan Kimia	Hanifa Febriani, Utiya Azizah	International Journal Of Chemistry Education Research (IJCER)		
Bertha Yonata						
57		Development Of Student Worksheet Based On Inquiry And Internet Assisted Learning To Practice Critical Thinking Skills In Submateries Of Reaction Rates.	Varradiah Choirun Nisa', Bertha Yonata	JPPK FKIP Unila		http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/21559
58		Development Of Inquiry LKPD Through Internet Assisted Learning To Train Science Process Skills	Kuny Abidatul Mahmudah, Bertha Yonata	JPPK FKIP Unila		http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/21556
59		Development Of Students Worksheet Based STEM (Science, Technology, Engineering, And Mathematics) To Improve Student Critical Thinking Skill In Reaction Rate	Rizka Anggraeni, Bertha Yonata	JPPK FKIP Unila		http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/23186
60		Student Worksheet Development To Practice Critical Thinking Skill Using Blended Learning On Reaction Rate	Esty Ayu Fadhilatul Munawaroh, Bertha Yonata	IJCER UII		https://journal.uii.ac.id/IJCER/Article/View/17713
61		The Effectiveness of Blended Learning in Chemistry Creative Media Course	Bertha Yonata and Dian Novita	Journal of Physics:		https://iopscience.iop.org/article/10.1088/1742-6596/1747/1/012037

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				Conference Series 2021		
62		Four-Tier Diagnostic Test On Chemical Kinetics Concepts For Undergraduate Students Authors	Intan Novitasari, Bertha Yonata	Proceedings Of The International Joint Conference On Science And Engineering 2021 (Ijcse 2021)		https://www.atlantispress.com/proceedings/Ijcse-21/125966491
Findiyani Ernawati Asih						
63		Analysis of Undergraduate Mathematic Students' Understanding on Microscopic Representation of General Chemistry Lecture based on Their Scientific Reasoning Ability	Findiyani Ernawati Asih, Muhamad Arif Mahdiannur, Ernita Vika Aulia	Journal of Physics: Conference Series 2021		https://iopscience.iop.org/article/10.1088/1742-6596/1747/1/012036