CV of Dr. Md. Mamunur Rahman

Principal Scientific Officer (PSO)
Farm Management Division (FMD)
Bangladesh Rice Research Institute (BRRI)

Name	:	Dr. Md. Mamunur Rahman
Father's name	:	Md. Ramiz Uddin
Mother's name	:	Nurjahan Begum
Spouse name (if applicable)	:	Dr. Nusrat Jahan
Gender	:	Male
Date of joining in the present position	:	December 26, 2022
Date of first joining in service	:	November 12, 2007
Date of birth and age	:	Date of Birth: January 01, 1982 Age: 41 years 1 months 13 days (as on 14/2/2023)
Nationality	:	Bangladeshi
Present address	:	3(B), House number 53, Block-D, Word number 16, Riaznagar, Outpara, Chandana Chowrasta, Gazipur
Permeant address		Village: Narun, Post office: Narun Bazar, Upazilla: Kaliganj, Zilla: Gazipur

Educational Qualification

Degree/Diploma/Certificate	Class/Grade/Division	University/Institute/Board	Year
Doctor of Philosophy (PhD)		Kanazawa University, Japan	2013
M. S. in Genetics and Plant Breeding	CGPA 3.77 (out of 4.00)	Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU)	2010
B.Sc. Ag (Hons)	CGPA 3.76 (out of 4.00)	Patuakhali Science and Technology University (PSTU)	2006
H.S.C.	1st Division	Dhaka Board	1999
S.S.C.	1st Division	Dhaka Board	1997

Field of Specialization:

- Molecular Biology (Proteomics)
- Farm management agronomist
- Plant toxicology
- Adaptive research and technology transfer

Training:

a) In Country:

Sl.	Title of the Training	Year	Venue	Duration
1	Hybrid Rice Development and Seed Production	2008	BRRI	5 days
2	Breeder Seed Production and Preservation of Rice	2008	BRRI	3 days
3	Participatory Varietal Selection	2009	BRRI	2 days
4	Breeder Seed Production and Preservation of Rice	2010	BRRI	3 days
5	Financial Management and Procurement	2013	BARC	5 days
6	Training on Experimental Design, Layout and Statistical Analysis	2013	BRRI	3 days
7	Two-month Rice Production Training Course	2014	BRRI	2 months
8	Research Methodology	2014	GTI	15 days
9	Climate Smart Agriculture	2017	NATA	5 days
10	Hybrid Rice Development and Seed Production Training Course	2017	BRRI	5 days
11	Innovation in Public Service	2018	BRRI	5 days
12	Farming Systems Research and Development	2018	BARC	4 days
13	Innovation Project Design	2018	KIB	3 days
14	Innovation in Public Service	2020	BRRI	2 days
15	Foundation Training Course	2021	NATA	4 months
16	Advanced Research Data Management using R Studio	2021	BRRI	6 days
17	Good Governance	2021	NATA	5 days
18	Commercial Farm Management	2022	NATA	5 days

b) Abroad: N/A

Employment record:

Employer and sorkplace	Designation	Duration		Nature of duties & responsibilities performed
		From	To	
BRRI, R/S Sonagazi	Scientific Officer	12/11/2007	21/11/2012	Research, Administration and Management etc.
BRRI, FMD, Gazipur	Senior Scientific Officer (SSO)	22/11/2012	13/7/2014	Research, Administration and Management etc.
BRRI, R/S Satkhira	SSO	14/7/2014	05/12/2018	Research, Administration and Management etc.
BRRI, ARD, Gazipur	SSO	06/12/2018	22/9/2021	Adaptive Research, SPDP, Farmers' training etc.
BRRI, FMD, Gazipur	SSO	23/9/2021	25/12/2022	Research, Administration and Management etc.
BRRI, FMD, Gazipur	PSO	26/12/2022	Till to date	Research, Administration and Management etc.

LIST OF PUBLICATIONS

- ❖ Number of full paper as Principal Author : 13
- ❖ Number of full paper as Co-Author : 23
- ❖ Number of Books/Monographs/Bulletins : 7
- ❖ Number of Seminar/Symposium/Workshop : 8

Scientific journals

(a) Full Paper Published in Peer Reviewed Reputed International Journal *(Impact Factor Journals)*

As Principal author

Sl. No.	Author (s). Year of publication. Title. Journal name, Volume (Issue no.): Page number of the scientific paper	Publisher	Impact factor
1	**M. M. Rahman**, M. A. Rahman, T. Maki, T. Nishiuchi, T. Asano and H. Hasegawa. 2015. A marine phytoplankton *Prymnesium parvum* upregulates the component proteins of photosystem II under iron stress. Photosynthetica, 53(1): 136-143. (URL: https://doi.org/10.1007/s11099-015-0095-4)	Academy of Sciences of the Czech Republic	1.007
2	**M. Mamunur Rahman**, M. M. Rashid and M. A. Islam. 2013. Transplanting by Uprooting Tillers from Dibbled Field: An Idea for Crop Intensification and Sustainable Rice Cultivation. Journal of Rice Research, 1(2): 109. (URL: http://dx.doi.org/10.4172/jrr.1000109)	OMICS International	1.351
3	**M. Mamunur Rahman**, M. Azizur Rahman, T. Maki, T. Nishiuchi, T. Asano and H. Hasegawa. 2013. A Marine Phytoplankton (*Prymnesium parvum*) Up-Regulates ABC Transporters and Several Other Proteins to Acclimatize with Fe-Limitation. Chemosphere, 95: 213-219. (URL: http://dx.doi.org/10.1016/j.chemosphere.2013.09.001)	Elsevier	3.499
4	**M. Mamunur Rahman**, M. Azizur Rahman, T. Maki and H. Hasegawa. 2012. Phytotoxicity of Arsenate and Salinity on Early Seedling Growth of Rice (*Oryza sativa* L.): A threat to Sustainable Rice Cultivation in South and South-East Asia. Bulletin of Environmental Contamination and Toxicology, 88(5): 695-702. (URL: https://doi.org/10.1007/s00128-012-0580-4)	Springer	1.216
5	**M. Mamunur Rahman**, M. G. Rasul, M. A. Hossain, K. M. Iftekharuddaula and H. Hasegawa. 2012. Molecular Characterization and Genetic Diversity Analysis of Rice (*Oryza sativa* L.) Using SSR Markers. Journal of Crop Improvement, 26(2): 244-257. (URL: http://dx.doi.org/10.1080/15427528.2011.627533)	Taylor and Francis Ltd.	0.649

As Co-author

Sl. No.	Author (s). Year of publication. Title. Journal name, Volume (Issue no.): Page number of the scientific paper	Publisher	Impact factor
1	H. Hasegawa, K. Nakagawa, M. Azizur Rahman, M. Takemura, T. Maki, K. Naito and **M. Mamunur Rahman**. 2015. A Fluorescent-Based HPLC Assay Using 4-Chloro-7-nitrobenzo-2-oxa-1, 3-diazole as Derivatization Agent for the Determination of Iron Bioavailability to Red Tide Phytoplankton. Chromatographia. 78: 65-72. (URL: https://doi.org/10.1007/s10337-014-2792-8)	Elsevier	1.379
2	Anowara Akter, M. Jamil Hassan, M. Umma Kulsum, M. R. Islam, Kamal Hossain and **M. Mamunur Rahman**. 2014. AMMI Biplot Analysis for Stability of Grain Yield in Hybrid Rice (Oryza sativa L.). Journal of Rice Research, 2(2): 126. (URL: http://dx.doi.org/10.4172/jrr.1000126)	OMICS International	1.351
3	M. Azizur Rahman, **M. Mamunur Rahman** and H. Hasegawa. 2014. New Citrate-Bicarbonate-Ethylenediaminetetraacetate (CBE) Method for Chemical Extraction of Hydrous Iron Oxides from Plant Root Surfaces. Communications in Soil Science and Plant Analysis, 45(13): 1760-1771. (URL: https://doi.org/10.1080/00103624.2014.884106)	Taylor and Francis Ltd.	0.496
4	M. Azizur Rahman, H. Hasegawa, **M. Mamunur Rahman**, T. Maki and Richard P. Lim. 2013. Effect of Iron (Fe^{2+}) Concentration in Soil on Arsenic Uptake in Rice Plant (*Oryza sativa* L.) when Grown with Arsenate [As(V)] and Dimethylarsinate (DMA). Water, Air, & Soil Pollution, 224: 1623. (URL: https://doi.org/10.1007/s11270-013-1623-0)	Springer	1.748
5	Hiroshi Hasegawa, **M. Mamunur Rahman**, Sayaka Kato, Teruya Maki, M. Azizur Rahman. 2013. Potential of Proteins and their Expression Level in Marine Phytoplankton (*Prymnesium parvum*) as Biomarker of N, P and Fe Conditions in Aquatic Systems. Advances in Biological Chemistry, 3(3): 338-346. (URL: 10.4236/abc.2013.33038)	Scientific Research	1.260
6	M. Azizur Rahman, **M. Mamunur Rahman**, T. Maki and H. Hasegawa. 2012. The Significance of Biodegradable Methylglycinediacetic Acid (MGDA) for Iron and Arsenic Bioavailability and Uptake in Rice Plant. Soil Science and Plant Nutrition, 58(5): 627-636. (URL: https://doi.org/10.1080/00380768.2012.717246)	Japanese Society of Soil Science and Plant Nutrition	1.380
7	Hiroshi Hasegawa, **M. Mamunur Rahman**, Kouta Kadohashi, Yui Takasugi, Yousuke Tate, Teruya Maki and M. Azizur Rahman. 2012. Significance of the Concentration of Chelating Ligands on Fe^{3+}-Solubility, Bioavailability, and Uptake in Rice Plant. Plant Physiology and Biochemistry, 58: 205-211. (URL: http://dx.doi.org/10.1016/j.plaphy.2012.07.004)	Elsevier	2.985

8	M. Azizur Rahman, **M. Mamunur Rahman** and Hiroshi Hasegawa. 2012. Arsenic-Induced Straighthead: An Impending Threat to Sustainable Rice Production in South and South-East Asia!.Bulletin of Environmental Contamination and Toxicology, 88(3): 311-315. (URL: https://doi.org/10.1007/s00128-011-0490-x)	Springer	1.216
9	M. Azizur Rahman, **M. Mamunur Rahman**, K. Kadahashi, T. Maki and H. Hasegawa. 2011. Effect of External Iron and Arsenic Species on Chelant-Enhanced Iron Bioavailability and Arsenic Uptake in Rice (*Oryza sativa* L.). Chemosphere, 84(4): 439-445. (URL: https://doi.org/10.1016/j.chemosphere.2011.03.046)	Elsevier	3.499

(b) Paper Published in other International & National Journals

As Principal author

Sl. No.	Author (s). Year of publication. Title. Journal name, Volume (Issue no.): Page number of the scientific paper
1	**M. Mamunur Rahman**, M. A. Syed, A. Akter, Md. Meskatul Alam and Md. Monjurul Ahsan. 2014. Genetic Variability, Correlation and Path Coefficient Analysis of Morphological Traits in Transplanted Aman Rice (*Oryza sativa* L.). American-Eurasian Journal of Agricultural & Environmental Sciences, 14(5): 387-391. (URL: http://www.idosi.org/aejaes/jaes14%285%2914/1.pdf)
2	**M. Mamunur Rahman**, M. A. Syed, M. Adil, H. Ahmad and M. M. Rashid. 2012. Genetic Variability, Correlation and Path Coefficient Analysis of Some Physiological Traits of Transplanted Aman Rice (*Oryza sativa* L.). Middle-East Journal of Scientific Reseearch, 11(5): 563-566. (URL: http://www.idosi.org/mejsr/mejsr11%285%2912/4.pdf)
3	**M. Mamunur Rahman**, A. Hussain, M. A. Syed, A. Ansari and M. A. A. Mahmud. 2011. Comparison Among Clustering in Multivariate Analysis of Rice Using Morphological Traits, Physiological Traits and Simple Sequence Repeat Markers. American Eurasian Journal of Agriculture and Environmental Science, 11(6): 876-882. (URL: http://www.idosi.org/aejaes/jaes11%286%2911/18.pdf)
4	**M. Mamunur Rahman**, M. Azizur Rahman, A. Hossain and G. Rasul. 2011. Comparative Study on Morphological, Physiological and Molecular Genetic Diversity Analysis in Rice (*Oryza sativa* L.). Libyan Agriculture Research Center Journal International, 2(2): 85-93. (URL: http://www.idosi.org/larcji/2%282%2911/7.pdf)
5	**M. Mamunur Rahman**, M. G. Rasul, M. K. Bashar, M. A. Syed and M. R. Islam. 2011. Parent Selection for Transplanted Aman Rice Breeding by Morphological, Physiological and Molecular Diversity Analysis. Libyan Agriculture Research Center Journal International, 2(1): 29-35. (URL: http://www.idosi.org/larcji/2%281%2911/6.pdf)
6	**M. M. Rahman**, A. Ansari and M. M. Rashid. 2010. Diversity Analysis in Rice Using GENSTAT and SPSS Programs. The Agriculturists, 8(2): 14-21. (URL: http://www.banglajol.info/index.php/AGRIC/article/view/7572/5711)
7	**M. M. Rahman**, M. A. Islam, S. M. Shahidullah, S. M. M. Islam and H. Begum. 2010. Physiogenetic Variation in BRRI Developed T. Aman Rice (*Oryza sativa* L.) Varieties. The Agriculturist, 8(1): 32-37.
8	**M. M. Rahman**, M. G. Rasul, M. K. Bashar, M. A. K. Mian and M. M. Haque. 2009. Morphogenetic Divergence in T. Aman Rice (*Oryza sativa* L.). Bangladesh Journal of Plant Breeding and Genetics, 22(2): 67-71. (URL: http://www.banglajol.info/bd/index.php/BJPBG/article/view/9095)

As Co-author

Sl. No.	Author (s). Year of publication. Title. Journal name, Volume (Issue no.): Page number of the scientific paper
1	B Karmakar, **M M Rahman**, M A R Sarkar, M A A Mamun, M C Rahman, B Nessa, M U Salam and M S Kabir. 2021. Adoption Lag Minimization for Increasing Rice Yield. Bangladesh Rice Journal, 25(1): 75-88. (URL:https://brri.portal.gov.bd/sites/default/files/files/brri.portal.gov.bd/page/ea9c4002_59f2_4df1_b0e2_f77738a7c24f/2021-08-26-10-20-8a144837eb80e99cbaed73e5a17a2340 .pdf)
2	Md. Rafiul Alam Khan, Firoz Mahmud, Mir Alif Reza, Md. Mostofa Mahbub, Bir Jahangir Shirazy and **M. Mamunur Rahman**. 2017. Genetic Diversity, Correlation and Path Analysis for Yield and Yield Components of Pea (*Pisum sativum* L.). World Journal of Agricultural Sciences, 13 (1): 11-16. (URL: https://www.idosi.org/wjas/wjas13(1)17/2.pdf)
3	M. M. Mahbub, B. J. Shirazy, M. M. Mir Kabir and **M. Mamunur Rahman**. 2017. Identification of Soybean Genotypes (*Glycine max* (L.) Merrill) Through Genetic Variability Analysis. Current Research in Agricultural Sciences, 4(3): 68-74. (URL: https://ideas.repec.org/a/pkp/criasc/v4y2017i3p68-74id100.html)
4	M. M. Mahbub, **M. Mamunur Rahman**, M. S. Hossain, L. Nahar and B. J. Shirazy. 2016. Morphophysiological Variation in Soybean (*Glycine max* (L.) Merrill). American-Eurasian Journal of Agricultural & Environmental Sciences, 16(2): 234-238. (URL: http://www.idosi.org/aejaes/jaes16%282%2916/4.pdf)
5	M. M. Mahbub, **M. Mamunur Rahman**, F. Mahmud and M. M. Mir Kabir. 2016. Genetic Variability Analysis in Different Genotypes of Soybean (*Glycine max* (L.) Merrill). American-Eurasian Journal of Agricultural & Environmental Sciences, 16(1): 140-145. (URL: http://www.idosi.org/aejaes/jaes16%282%2916/16.pdf)
6	M. M. Mahbub, **M. Mamunur Rahman**, M. S. Hossain, F. Mahmud and M. M. Mir Kabir. 2015. Genetic Variability, Correlation and Path Analysis for Yield and Yield Components in Soybean. American-Eurasian Journal of Agricultural & Environmental Sciences, 15(2): 231-236.(URL: http://www.idosi.org/aejaes/jaes15%282%2915/15.pdf)
7	Md. Monjurul Ahasan, Md. Abdur Rashid, **Md. Mamunur Rahman**, Md. Anisur Rahman, Meskatul Alam and Sultana Umma Habiba. 2014. Esterase Variability in the Different Tissues of Farm Fowl. International Journal of Genetics. 4(2): 11-15. (URL: http://idosi.org/ijg/4%282%2914/1.pdf)
8	M.A.A. Mahmud, M.A. Syed, **M. Mamunur Rahman,** M.R. Islam and A. Husna. 2011. Genetic Divergence in 58 Advanced Lines of *Brassica rapa*. Libyan Agriculture Research Center Journal International, 2(5): 209-214. (URL: http://idosi.org/larcji/2%285%2911/2.pdf)
9	A. Ansari, A. W. Julfiquar, M. G. Rasul, M. J. Hasan and **M. M. Rahman**. 2009. Genetic Parameter, Correlation and Path Analysis for Yield and Yield Related Traits in Some Maintainer Lines of Hybrid Rice (*Oryza sativa* L.). Eco-friendly Agriculture Journal, 3(2):89-95.
10	M. M. Rahman, **M. M. Rahman**, L. Rahman, H. Begum and S. M. M. Islam. 2009. Molecular characterization and diversity analysis of Brassica genotypes. Bangladesh Journal of Plant Breeding and Genetics, 22(1): 01-08. (URL: http://www.banglajol.info/bd/index.php/BJPBG/article/view/9069)

11	A. Ansari, M. G. Rasul, A. W. Julfiquar, **M. M. Rahman** and Shamsunnaher. 2009. Multivariate Analysis in Cytoplasmic Male Sterile Lines of Rice (*Oryza sativa* L.). Bangladesh Journal of Plant Breeding and Genetics, 22(2): 25-28. (URL: http://www.banglajol.info/bd/index.php/BJPBG/article/view/9087)
12	Kamal Hossain, A. Akter, H. Begum, A. Ansari and **M. M. Rahman**. 2009. Line x Tester Analysis for Yield and Its Related Traits in Rice (*Oryza sativa* L.) Bangladesh Journal of Plant Breeding and Genetics, 22(2): 01-06. (URL: http://www.banglajol.info/index.php/BJPBG/ article/view/9083)
13	A. Akter, M. K. Hossain, M. J. Hasan, P. L. Biswas and **M. M. Rahman**. 2009. Genetic Diversity in Maintainer Lines of Hybrid Rice (*Oryza sativa* L.). Bangladesh Journal of Plant Breeding and Genetics, 22(2): 13-18. (URL: http://www.banglajol.info/index.php/BJPBG/article/view/9085)
14	M. A. Islam, M. R. Islam, A. B. S. Sarker, **M. M. Rahman** and M. M. Rashid. 2008. Effect of phosphorus on growth and yield of a japonica and indica rice varieties. Journal of Agricultural Education and Technology, 11(1&2): 79-86.

Books/Monographs / Bulletins

Book

As Principal author

Sl.	References
1	**M. Mamunur Rahman**, M. K. Bashar and M. G. Rasul. 2012. Molecular Characterization and Genetic Variation in Rice. LAP Lambert Academic Publishing GmbH & Co. KG, Saarbrucken, Germany. (ISBN:978-3-659-17000-3) (URL: https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-17000-3/molecular-characterization-and-genetic-variation-in-rice)

Book Chapters

As Co-author

Sl.	References
1	M. Azizur Rahman, **M. Mamunur Rahman** and H. Hasegawa. 2012. Arsenic in Rice: A Human Health Emergency in South and South-East Asia. In: Rice: Production, Consumption and Health Benefits. Ed. Yoshihiro Liu and Liliana Froyen. Nova Science Publishers, Inc. New York. Pp: 37-64. (URL: http://www.barnesandnoble.com/w/rice-yoshihiro-liu/1111468590)
2	Biswajit Karmakar, **Md. Mamunur Rahman**, Md. Abdur Rouf Sarkar, Md. Abdullah Al Mamun, Mohammad Chhiddikur Rahman, Bodrun Nessa, Moin U. Salam and Md. Shahjahan Kabir. 2021. Adoption Lag Minimization for Increasing Rice Yield. In: Doubling Rice Productivity in Bangladesh. Ed. MS Kabir, MU Salam, AKMS Islam, MAR Sarkar and MAA Mamun. Bangladesh Rice Research Institute. Pp: 379-399.

Monographs

As Co-author

Sl.	References
১	ড. মো. ইব্রাহিম, **ড. মো. মামুনুর রহমান**, ড. এস. এম. মফিজুল ইসলাম, ড. মো. আমানত উল্লাহ রাজু এবং হাসনাত জামী । ঘেরে সমন্বিত ধান-মাছ-সবজি আবাদ । প্রকাশকাল: জানুয়ারী, ২০২১, রাইস ফার্মিং সিস্টেমস্ বিভাগ, বাংলাদেশ ধান গবেষণা ইনস্টিটিউট, গাজীপুর-১৭০১, ৬ পৃষ্ঠা ।
২	ড. মো. ইব্রাহিম, **ড. মো. মামুনুর রহমান**, ড. এস. এম. মফিজুল ইসলাম, বীর জাহাঙ্গীর সিরাজী এবং হাসনাত জামী । পারিবারিক স্বচ্ছলতায় ছাগল পালন । প্রকাশকাল: জানুয়ারী, ২০২১, রাইস ফার্মিং সিস্টেমস্ বিভাগ, বাংলাদেশ ধান গবেষণা ইনস্টিটিউট, গাজীপুর-১৭০১, ৬ পৃষ্ঠা ।

Bulletins

As Principal author

Sl.	References
১	**ড. মো. মামুনুর রহমান** । শীষ ব্লাস্ট: চলতি বোরো মৌসুমের হুমকি । দৈনিক যায়যায়দিন, ২০ এপ্রিল ২০১৪, পৃষ্ঠা: ১৩।
২	**ড. মো. মামুনুর রহমান** এবং ড. মো. হুমায়ুন কবীর। ধানের পাতাপোড়া রোগ: কৃষকদের যা জানা প্রয়োজন। দৈনিক যায়যায়দিন, ৫ অক্টোবর ২০১৪, পৃষ্ঠা: ১৩।

Seminar/Workshop/Symposium Proceedings

As Principal author

Sl.	References
1	**M M Rahman,** B Karmakar, M A Hossain, M Ibrahim, B Ahmed, and M H Kabir. 2020. Model Demonstration for Rapid Dissemination of Agricultural Technology. International Conference on Sustainable Agriculture and Rural Development: Road to SDGs, held on 23-24 January at Sylhet Agricultural University (SAU), Bangladesh.Pp 100-101.
2	**M. Mamunur Rahman**, A. Nadagawa, K. Maki, T. and Hasegawa, H. 2013. Proteomic Response of Phytoplankton (*Prymnesium parvum*) under Fe Limitation. 12th International Estuarine Biogeochemistry Symposium, held on 30th June - 4th July at Plymouth University, United Kingdom.
3	**M. Mamunur Rahman**. 2012. Proteomic Response of Phytoplankton (*Prymnesium parvum*) under Fe Limitation. 9th National Conference of Material Science, held on 5th November at Graduate School of Natural Science and Technology, Kanazawa University, Japan.
4	**M. Mamunur Rahman**. 2011. Effect of Arsenic and Salinity on Germination and Early Seedling Growth of Rice (*Oryza sativa* L). 8th National Conference of Material Science, held on 7th November at Graduate School of Natural Science and Technology, Kanazawa University, Japan.
5	**M. Mamunur Rahman,** M. K. Bashar, M. G. Rasul and M. A. Hossain. 2009. Morphogenetic and Molecular Variation in T. Aman Rice (*Oryza sativa* L.) Varieties. Thursday Seminar at BRRI on 15th October, Gazipur, Bangladesh.

As Co-author

Sl.	References
1	B Karmakar, M H Kabir, **M M Rahman,** M A Islam, M R Islam, M Khatun, M A A Mamun, M N Murshed, M R Biswas, M M Hasan, G S Jahan, B Ahmed, S Akter and M H Kabir. 2020. Adaptation of Promising Rice Genotypes for Transplant Aus Season. International Conference on Sustainable Agriculture and Rural Development: Road to SDGs, held on 23-24 January at Sylhet Agricultural University (SAU), Bangladesh. P128.

2	Kouichi Nakagawa, Masashi Ogino, Yousuke Tate, **M. Mamunur Rahman**, Teruya Maki and Hiroshi Hasegawa. 2013. Fe limitation induced response in phytoplankton determined by HPLC. School of Chemistry, College of Science and Engineering, Kanazawa University, Japan
3	SATOU Yuri, QISTIN Shaari, **RAHMAN Md. Mamunur**, MAKI Teruya, HASEGAWA Hiroshi. 2010. Analysis of outer membraneprotein in marine phytoplankton under the iron-limited condition. 17th Asian Symposium on Echotechnology (ASET17) held on 11-13 November at Unazuki International Hall, Selene, Kurobe, Japan.