

Department of Chemistry

International Publications

Dr. A. J Saleh Ahammad

ক্রমিক নং	প্রবন্ধের শিরোনাম	লেখকের নাম	জার্নালের নাম (ভলিউম, পৃষ্ঠা নং ও সাল)
1.	Green synthesis of gold and silver nanoparticles by using Amorphophallus paeoniifolius tuber extract and evaluation of their antibacterial activity	S. M. A. Nayem, N. Sultana, M. A. Haque, B. Miah, M. M. Hasan, T. Islam, M. M. Hasan, A. Awal, J. Uddin, M. A. Aziz, and A. J. Saleh Ahammad	Journal: Molecules Volume: 25 Pages: 4773-4786 Year: 2020
2.	High Yield Activated Porous Coal Carbon Nanosheets from Boropukuria Coal Mine as Supercapacitor Material: Investigation of the Charge Storing Mechanism at the Interfacial Region	T. Islam, M. M. Hasan, S. S. Shah, M. R. Karim, F. S. AlMubaddel, M. H Zahir, M. A. Dar, M. D Hossain M. A. Aziz and A. J. Saleh Ahammad	Journal: Journal of Energy Storage Volume: 32 Pages: 101908 Year: 2020
3.	Poly (brilliant cresyl blue)-reduced graphene oxide modified activated GCE for nitrite detection: Analyzing the synergistic interactions through experimental and computational study	A. J. Saleh Ahammad , M. K. Alam, T. Islam, M. M. Hasan, R. Karim, A. N. Anju, M. N. I. Mozumder	Journal: Electrochimica Acta Volume: 349 Pages: 136375 Year: 2020
4.	Hollow reticular shaped highly ordered rice husk carbon for the simultaneous determination of dopamine and uric acid	M. A. Haque, M. M. Hasan, T. Islam, M. A. Razzak, N. H. Alharthi, Abdullah Sindan, Mohammad R. Karim, Shaik Inayath Basha, Md. Abdul Aziz and A. J. Saleh Ahammad	Journal: Electroanalysis Volume: 32 Pages: 1-15 Year: 2020
5.	Computational Approach to Understanding the Electrocatalytic Reaction Mechanism for the Process of Electrochemical Oxidation of Nitrite at Ni-Co-Based Heterometallo-Supramolecular Polymer	M. M. Hasan, T. Islam, S. S. Akter, N. H. Alharthi, M. R. Karim, M. A. Aziz, A. Awal, M. D. Hossain and A. J. Saleh Ahammad	Journal: ACS Omega Volume: 5 Pages: 12882-12891 Year: 2020

6.	Fabrication of Ni-Co based Heterometallo-Supramolecular Polymer Films and the Study of Electron Transfer Kinetics for the Nonenzymatic Electrochemical Detection of Nitrite	T. Islam, M. M. Hasan, S. S. Akter, N. H. Alharthi, M. R. Karim, M. A. Aziz, M. D. Hossain and A. J. Saleh Ahammad	Journal: ACS Applied Polymer Materials Volume: 2 Pages: 273–284 Year: 2020
7.	Green Chemistry Synthesis of Silver Nanoparticles and Their Potential Anticancer Effects	Z. A. Ratan, M. F. Haidere, M. Nurunnabi, S. M. Shahriar, A. J. Saleh Ahammad , Y. Y. Shim, M. J.T. Reaney and Jae Youl Cho	Journal: Cancers Volume:12 Pages: 855-881 Year: 2020
8.	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode	F. Saadmim, T. Forhad, A. Sikder, W. Ghann, M. M. Ali, V. Sittther, A. J. Saleh Ahammad , M. A. Subhan and Jamal Uddin	Journal: Molecules Volume: 25 Pages: 4021-4030 Year: 2020
9.	Selective Detection of Dopamine at the AACVD Synthesized Palladium Nanoparticles and Understanding the Sensing Mechanism through Electrochemical and Computational Study	M. M. Hasan, M. A. Ehsan, T. Islam, N. H. Alharthi, H. F. Alharbi, M. R. Karim, M. A. Aziz and A. J. Saleh Ahammad	Journal: Journal of The Electrochemical Society Volume: 166 Pages: B1528-B1542 Year: 2019
10.	Fabrication of nanostructured Pd thin films using aerosol-assisted chemical vapor deposition for the nonenzymatic electrochemical detection of H ₂ O ₂	M. A. Ehsan, M. M. Hasan, T. Islam, M. D. Hossain, M. A. Aziz and A. J. Saleh Ahammad	Journal: ACS Applied Electronic Materials Volume: 1 Pages: 417–429 Year: 2019
11.	Activated jute carbon paste screen-printed FTO electrodes for nonenzymatic amperometric determination of nitrite	A. J. Saleh Ahammad , P. R. Pal, S. S. Shah, T. Islam, M. M. Hasan, M. A. A.Qasem, N.Odhikari, S.Sarker, D. M. Kim, M. A. Aziz	Journal: Journal of Electroanalytical Chemistry Volume: 832 Pages: 368–379 Year: 2019
12.	Porous tal palm carbon nanosheets: preparation, characterization and application for the simultaneous determination of dopamine and uric acid	A. J. Saleh Ahammad , N. Odhikari, S. S. Shah, M. M. Hasan, T. Islam, P. R. Pal, M. A. A. Qasem and M. A. Aziz	Journal: Nanoscale Advances Volume: 1 Pages: 613–626 Year: 2019
13.	Cost-Effective Electrochemical Sensor Based on Carbon Nanotube Modified-Pencil Electrode for the	A. J. Saleh Ahammad , T.Akter, A. A. Mamun, T. Islam, M. M.Hasan, M. A. Mamun, S.	Journal: Journal of The Electrochemical Society Volume: 165

	Simultaneous Determination of Hydroquinone and Catechol	Faraezi, F. Z. Monira, and J. K. Saha	Pages: B390-B397 Year: 2018
14.	Pyrolytic preparation of gold nanoparticle-coated taro carbon and its application for selective detection of dopamine	A. J. Saleh Ahammad , M. M. Hasan, T. Islam, M. O. Al-Shehri, A. N. Anju, M. K. Alam, J. P. Kim, M. A. A. Qasem and M. A. Aziz	Journal: New Journal of Chemistry Volume: 42 Pages: 4543-4552 Year: 2018
15.	Reduced graphene oxide screen-printed FTO as highly sensitive electrodes for simultaneous determination of dopamine and uric acid	A. J. Saleh Ahammad , T. Islam, M. M. Hasan, M. N. I. Mozumder, R. Karim, N. Odhikari, P. R. Pal, S. Sarker and D. M. Kim	Journal: Journal of The Electrochemical Society Volume: 165 Pages: B174-B183 Year: 2018
16.	Enzyme-free impedimetric glucose sensor based on gold nanoparticles/polyaniline composite film	A. J. Saleh Ahammad , A. A. Mamun, T. Akter, M. A. Mamun, S. Faraezi, and F. Z. Monira	Journal: Journal of Solid State Electrochemistry Volume: 20 Pages: 1933–1939 Year: 2016
17.	Hydrogen Peroxide Biosensor based on the Immobilization of Horseradish Peroxidase onto a Gold Nanoparticles-Adsorbed Poly(brilliant cresyl blue) Film	A. J. Saleh Ahammad , A. A. Shaikh, N. J. Jessy, T. Akter, A. Al Mamun, and P. K. Baksh	Journal: Journal of The Electrochemical Society Volume: 162 Pages: B52-B57 Year: 2015
18.	Highly sensitive detection of amoxicillin based on gold nanoparticle-modified ITO electrode	T. R. Chowdhury, A. A. Shaikh, H. Akter, M. M. Neaz, P. K. Bakshi, A. J. Saleh Ahammad	Journal: ECS Solid State Letters Volume: 3 Pages: P14-P16 Year: 2014
19	A cholesterol biosensor based on a bi-enzyme immobilized on conducting poly(thionine) film	M. M. Rahman, X. Li, J. Kim, B. O. Lim, A. J. Saleh Ahammad , Jae-Joon Lee	Journal: Sensors and Actuators B: Chemical Volume: 202 Pages: 536-542 Year: 2014
20.	Electrochemical Impedance Spectra of Dye-sensitized Solar Cells: Fundamentals and Spread Sheet Calculation	S. Sarker, A. J. Saleh Ahammad , H. W. Seo and D. M. Kim	Journal: International Journal of Photoenergy Volume: 851405 Pages: 1-17 Year: 2014

21.	Characterization of Carboxylated-SWCNT Based Potentiometric DNA Sensors by Electrochemical Technique and Comparison with Potentiometric Performance	M. A. Mamun and A. J. Saleh Ahammad	Journal: Journal of Biosensors & Bioelectronics Volume: 5 Pages: 1-8 Year: 2014
22.	Gold nanoparticle-modified ITO electrode for highly sensitive electrochemical detection of melamine	Humaiara Akter, A. A. Shaikh, Taslima R. Chowdhury, M. S. Rahman, P. K. Bakshi, A. J. Saleh Ahammad	Journal: ECS Electrochemistry Letters Volume: 2 Pages: B13-B15 Year: 2013
23.	Poly(brilliant cresyl blue)-modified electrode for highly sensitive and simultaneous determination of hydroquinone and catechol	A. A. Shaikh, S. K. Saha, P. K. Bakshi, A. Hussain, A. J. Saleh Ahammad	Journal: Journal of The Electrochemical Society Volume: 160 Pages: B37-B42 Year: 2013
24.	Hydrogen peroxide biosensors based on horseradish peroxidase and hemoglobin	A. J. Saleh Ahammad	Journal: Journal of Biosensors & Bioelectronics, Volume: 9 Pages: 1-11 Year: 2012
25.	Computational study of silicon transporter protein in rice and wheat	M. A. Ashraf, M. M. Morshed, A. J. Saleh Ahammad and M. N. Morshed	Journal: International Journal of Computational Bioinformatics and In Silico Model Volume: 2 Pages: 199-205 Year: 2013
26.	Carbon nanotubes on FTO for fabrication of dye-sensitized solar cells at low temperature condition	N. C. D. Nath, A. J. Saleh Ahammad , S. Sarker, M. M. Rahman, S. S. Lim, W. Y. Choi, Jae-Joon Lee	Journal: Journal of Nanoscience and Nanotechnology Volume: 12 Pages: 5373-5380 Year: 2012
27.	Spatial arrangement of carbon nanotubes in TiO ₂ photoelectrodes to enhance the efficiency of dye-sensitized solar cells	N. C. D. Nath, S. Sarker, A. J. Saleh Ahammad , Jae-Joon Le	Journal: Physical Chemistry Chemical Physics Volume: 14 Pages: 4333-4338 Year: 2012

28.	Fermi energy level tuning for high performance dye sensitized solar cells using sp ² selective nitrogen-doped carbon nanotube channels	G. I. Lee, N. C. D. Nath, S. Sarker, W. H. Shin, A. J. Saleh Ahammad , J. K. Kang, Jae-Joon Lee	Journal: Physical Chemistry Chemical Physics Volume: 14 Pages: 5255–5259 Year: 2012
29.	TiO ₂ paste formulation for crack-free mesoporous nanocrystalline film of dye-sensitized solar cells	S. Sarker, N. C. D. Nath, M. M. Rahman, S. S. Lim, A. J. Saleh Ahammad , W. Y. Choi, Jae-Joon Lee	Journal: Journal of Nanoscience and Nanotechnology Volume: 12 Pages: 5361-5366 Year: 2012
30.	Highly sensitive and simultaneous determination of hydroquinone and catechol at poly(thionine) modified glassy carbon electrode	A. J. Saleh Ahammad , M. M. Rahman, G. R. Xu, S. Kim, Jae-Joon Lee*,	Journal: Electrochimica Acta Volume: 56 Pages: 5266–5271 Year: 2011
31.	Interference-free determination of dopamine at the poly(thionine)-modified glassy carbon electrode	A. J. Saleh Ahammad , N. C. D. Nath, G. R. Xu, S. Kim, Jae-Joon Lee	Journal: Journal of The Electrochemical Society Volume: 158 Pages: F106-F110 Year: 2011
32.	Immobilization of horseradish peroxidase onto gold nanoparticle adsorbed poly(thionine) film for the construction of hydrogen peroxide biosensor	A. J. Saleh Ahammad , S. Sarker, Jae-Joon Lee	Journal: Journal of Nanoscience and Nanotechnology Volume: 11 Pages: 5670-5675 Year: 2011
33.	Selective detection of serotonin from the interference by ascorbic acid and uric acid at poly(thionine)-modified glassy carbon electrode	A. J. Saleh Ahammad , N. C. D. Nath, S. Kim, Y. Kim, Jae-Joon Lee	Journal: Bulletin of the Korean Chemical Society Volume: 32 Pages: 779-780 Year: 2011
34.	Optical and electrochemical properties and the calculated structure of pentacoordinate aluminum 8-hydroxyquinoline	C. Bae, A. J. Saleh Ahammad , Jae-Joon Lee, G. Kwag	Journal: Inorganica Chimica Acta Volume: 373 Pages: 124–129 Year: 2011

35.	Effect of nitrite and nitrate as the source of OH radical in the O ₃ /UV process with or without benzene	H. S. Son, A. J. Saleh Ahammad , M. M. Rahman, K. M. Noh, Jae-Joon Lee	Journal: Bulletin of the Korean Chemical Society Volume: 32 Pages: 3039 – 3044 Year: 2011
36.	A comprehensive review of glucose biosensors based on nanostructured metal-oxides	M. M. Rahman, A. J. Saleh Ahammad , J. H. Jin, S. J. Ahn, Jae-Joon Lee	Journal: Sensors Volume: 10 Pages: 4855-4886 Year: 2010
37.	Simultaneous determination of hydroquinone and catechol at an activated glassy carbon electrode, Electroanalysis	A. J. Saleh Ahammad , S. Sarker, M. A. Rahman, Jae-Joon Lee	Journal: Electroanalysis Volume: 22 Pages: 694 – 700 Year: 2010
38.	Synthesis of a novel imidazolium-based electrolytes and application for dye-sensitized solar cells	D. W. Seo, S. Sarker, N. C. D. Nath, S. W. Choi, A. J. Saleh Ahammad , Jae-Joon Lee, W. G. Kim	Journal: Electrochimica Acta Volume: 55 Pages: 1483–1488 Year: 2010
39.	Electrochemical sensors based on carbon nanotubes	A. J. Saleh Ahammad , Jae-Joon Lee*, M. A. Rahman	Journal: Sensors Volume: 9 Pages: 2289-2319 Year: 2009
40.	Poly(thionine) modified GC electrode for simultaneous detection of dopamine and uric Acid in the presence of ascorbic acid	Y. Yuan, A. J. Saleh Ahammad , G. R. Xu, S. Kim, Jae-Joon Lee	Journal: Bulletin of the Korean Chemical Society Volume: 29 Pages: 1883-1884 Year: 2008

Name: Dr. Mohammad Awlad Hossain, Associate Professor

Sl. No.	Title of the Article	Name of Authors	Description of the Journal
1.	Comparison of alkaline fuel cell membranes of random and block poly(arylene ether sulfone) copolymers containing tetra quaternary ammonium hydroxides.	Md. Awlad Hossain, Youngdon Lim, Soonho Lee, Hohyoun Jang, Seongyoung Choi, Youngtae Jeon, Jinseong Lim, WhanGi Kim	<i>Int. J. Hydrogen Energy</i> 2014 , 39, 2731-2739
2.	Synthesis and characterization of tetra-imidazolium hydroxides poly(fluorenylene ether sulfone) anion exchange membranes	Md. Awlad Hossain, Youngdon Lim, Soonho Lee, Hohyoun Jang, Seongyoung Choi, Taehoon Hong, Lei Jin, Whan Gi Kim	<i>React. Funct. Polym.</i> 2013 , 73, 9, 1299-1305.
3.	Anion Conductive aromatic membrane of poly(tetra phenyl ether sulfone) containing hexa-imidazolium hydroxides for alkaline fuel cell application	Md. Awlad Hossain, Youngdon Lim, Soonho Lee, Hohyoun Jang, Seongyoung Choi, Youngtae Jeon, Sangyoung Lee, Hyunchul Ju, Whan Gi Kim	<i>Solid States Ionics</i> 2014 , 262, 754-760.
4.	Comparison of Properties of Anion Conductive Parnx Membranes Containing Imidazolium Cation and Quaternary Ammonium	Md. Awlad Hossain, Hohyoun Jang, Youngdon Lim, Soonho Lee, Hyunho Joo, Jinseong Lim, Taehoon Hong, Fei Tan, Whan Gi Kim	<i>Int. J. Hydrogen energy</i> 2015 , 40, 1324-1332.
5.	Anion conductive aromatic ionomers containing 1,2-dibenzoylbenzene moiety for alkaline fuel cell applications	Md. Awlad Hossain, Youngdon Lim, Hohyoun Jang, Youngtae Jeon, Jinseong Lim, Soonho Lee, Whan Gi Kim, Heung- Seok Jeon	<i>Electron. Mater. Lett.</i> 2013 , 9, 797-799.
6.	Anion conductive poly(arylene ether sulfone)s containing tetra quaternary ammonium hydroxide	Dongwan Seo, Md. Awlad Hossain, Donghoon Lee, Youngdon Lim, Soonho Lee,	<i>Electrochim. Acta</i> 2012 , 86, 360-365

	on fluorenyl group for alkaline fuel cell application	Hyunchul Lee, Tae Whan Hong, Whan Gi Kim	
7.	Synthesis and characterization of sulfonated poly(diphenyl ether ketone sulfone)s containing dibenzolybenzene moiety for proton exchange membrane fuel cell	Md. Awlad Hossain , Youngdon Lim, Dongwan Seo, Soonho Lee, Hyunchul Lee, Hohyoun Jang, Md. Monirul Islam, Whan Gi Kim	<i>Materials Science Forum</i> 2012 , 724, 412-415.
8.	Preparation and characterization of block copolymers containing multi-sulfonated unit for proton exchange membrane fuel cell	Dongwan Seo, Youngdon Lim, Soonho Lee, Md. Awlad Hossain , Md. Monirul Islam, Hyunchul Lee, Hohyoun Jang, Whan Gi Kim	<i>Electrochim. Acta</i> 2012 , 86, 352-359
9.	Synthesis and characterization of sulfonated poly(arylene ether ketone sulfone) block copolymers containing multi-phenyl for PEMFC.	Youngdon Lim, Dongwan Seo, Soonho Lee, Md. Awlad Hossain , Kyungmun Kang, Hyunchul Ju, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2013 , 38, 631-639.
10.	Anion conductive poly(tetra phenyl phthalazine ether sulfone) containing tetra quaternary ammonium hydroxides for alkaline fuel cell application.	Dongwan Seo, Youngdon Lim, Md. Awlad Hossain , Soonho Lee, Hyunchul Lee, Hohyoun Jang, Seongyoung Choi, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2013 , 38, 579-587.
11.	Phosphoric acid doped sulfonated poly (tetra phenyl isoquinoline ether sulfone) for high temperature proton exchange membrane potential application.	Dongwan Seo, Youngdon Lim, Md. Awlad Hossain , Soonho Lee, Hyunchul Lee, Hohyoun Jang, Md. Monirul Islam, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2013 , 38, 667-674.
12.	Preparation and characterization of proton exchange poly (ether sulfone)s membranes grafted propane sulfonic acid on pendant phenyl groups.	Youngdon Lim, Dongwan Seo, Md. Awlad Hossain , Soonho Lee, Jinseong Lim, Hohyoun Jang, Taehoon Hong, Whan Gi Kim	<i>Electrochim. Acta</i> 2014, 118, 18-25.

13.	Synthesis and properties of sulfonated poly(phenylenesulfone)s without ether linkage by Diels-Alder reaction for PEMFC application	Youngdon Lim, Hyunchul Lee, Soonho Lee, Hohyoun Jang, Md. Awlad Hossain , Younggil Cho, Taeho Kim, Youngtaik Hong, Whan Gi Kim	<i>Electrochim. Acta</i> 2014, <i>119</i> , 16-23.
14.	Proton conducting hybrid membrane electrolytes of sulfonated poly(ether sulfone)s and poly(ether sulfone)s containing metallophthalocyanine.”	Youngdon Lim, Soonho Lee, Dongwan Seo, Hohyoun Jang, Md. Awlad Hossain , Hyunchul Ju, Tae Whan Hong, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2013 , http://dx.doi.org/10.1016/j.ijhydene.2013.04.066
15.	Sulfonated poly(ether sulfone) electrolyte structured with mesonaphthobifluorene-graphene moiety for PEMFC	Youngdon Lim, Soonho Lee, Hohyoun Jang, Md. Awlad Hossain , Geonhui Gwak, Hyunchul Ju, Dongmin Kim, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> , 2014 , <i>39</i> , 1532-1538.
16.	“Synthesis and properties of sulfonated poly(ether sulfone) membranes containing metallophthalocyanine.”	Youngdon Lim, Dongwan Seo, Soonho Lee, Md. Awlad Hossain , Hohyoun Jang, Hyunchul Ju, Dongmin Kim, Whan Gi Kim	<i>Electrochim. Acta</i> 2013 , http://dx.doi.org/10.1016/j.electacta.2013.07.116
17.	Novel cyclic sulfonium iodide containing siloxane high performance electrolyte for dye-sensitized solar cell.”	Soonho Lee, Youngdon Lim, Dongwan Seo, Md. Awlad Hossain , Hohyoun Jang, Hyunchul Lee, Whan Gi Kim	<i>J. Ind. Eng. Chem.</i> 2013 , <i>19</i> , 322-326.
18.	A new siloxane containing imidazolium iodide as electrolyte for dye-sensitized solar cell.”	Soonho Lee, Youngtae Jeon, Youngdon Lim, Md. Awlad Hossain , Sangyoung Lee, Younggilcho, Hyunchul Ju, Whan Gi Kim	<i>Electrochim. Acta</i> 2013 , http://dx.doi.org/10.1016/j.electacta.2013.04.108
19.	Synthesis and characterization of cardo based poly(arylene ether	Hohyoun Jang, Md. Monirul Islam, Youngdon Lim, Soonho Lee, Md. Awlad	<i>Solid States Ionics</i> 2013 ,

	sulfone) multiblock copolymers for proton exchange membrane.	Hossain , Taehoon Hong, Sangyoung Lee, Youngtack Hong, Whan Gi Kim	http://dx.doi.org/10.1016/j.ssi.2013.09.037
20.	Synthesis and properties of sulfonated poly(N-methylisatin-biphenylene) proton exchange membrane by superacid-catalyzed polymerization	Soonho Lee, Youngdon Lim, Youngtae Jeon, Md. Awlad Hossain , Hohyoun Jang, Younggil Cho, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2015 , 40, 5390-5395.
21.	Studies of sulfonated polyphenylene membrane containing benzophenone moiety for PEMFC	Youngdon Lim, Soonho Lee, Hohyoun Jang, Md. Awlad Hossain , Taehoon Hong, Hyunchul Ju, Taewhan Hong, Whang Gi Kim	<i>Int. J. Hydrogen energy</i> 2014 , 39, 21595-21600
22.	Synthesis and characterization of sulfonated poly(ether sulfone)s containing pyridine moiety for proton exchange membrane application.	Hohyoun Jang, Md. Monirul Islam, Youngdon Lim, Md. Awlad Hossain , Younggil Cho, Hyunho Joo, Whan Gi Kim, Heung-Seok Jeon	<i>J. Nanosci. Nanotech.</i> 2014 , 14, 7798-7803.
23.	Synthesis and characterization of sulfonated poly(ether sulfone)s containing mesonaphthobifluorene for polymer electrolyte membrane fuel cell.”	Youngdon Lim, Dongwan Seo, Soonho Lee, Md. Awlad Hossain , Jinseong Lim, Sangyoung Lee, Taehoon Hong, Whan Gi Kim	<i>J. Nanosci. Nanotech.</i> 2014 , 14, 7948-7953.
24.	Nano composite membranes of sulfonated poly(ether sulfone)s containing DHTPE and SiO ₂ for PEMFC.”	Youngdon Lim, Dongwan Seo, Soonho Lee, Md. Awlad Hossain , Hyunchul Lee, Inseok Jung, Whan Gi Kim	<i>Materials Science Forum</i> 2012 , 724, 416-419.
25.	Nano composite membranes of sulfonated poly(ether sulfone)s containing tetraphenylethylene moiety and SiO ₂ for PEMFC.	Youngdon Lim, Soonho Lee, Md. Awlad Hossain , Seongyoung Choi, Jinseong Lim, Inseok Jeong, Yeonglim Yoo, Tae Whan Hong, Whan Gi Kim	<i>Advanced Materials Research</i> 2013 , 746, 78-82.

26.	Synthesis and properties of grafting sulfonated polymer containing isatin by super acid-catalyzed polyhydroxylation reaction for PEMFC.”	Soonho Lee, Youngdon Lim, Md. Awlad Hossain , Hohyoun Jang, Youngtae Jeon, Sangyoung Lee, Lei Jin, Whan Gi Kim	<i>Renewable Energy</i> 2015 , 79, 72-77.
27.	Novel hydroxide conducting sulfonium-based anion exchange membrane for alkaline fuel cell applications.”	Md. Awlad Hossain , Hohyoun Jang, Sabuj Chandra Sutradhar, Jaeseong Ha, Jiho Yoo, Chaekyun Lee, Sungkwun Lee, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2016 , 41, 10458-10465.
28.	Anion conductive tetra-sulfonium hydroxides poly (fluorenylene ether sulfone) membrane for fuel cell application.	Hohyoun Jang Md. Awlad Hossain , Sabuj Chandra Sutradhar, Faiz Ahmed, Kunyoung Choi, Taewook Ryu, Kyungwhan Kim, Whan Gi Kim	<i>Int. J. Hydrogen Energy</i> 2017 , 42,12759-12767.
29.	“Microwave synthesis of Ce-doped ZnO/CNT composite with enhanced photo-catalytic activity.	Md. Elias, Md. Khairul Amin, Shakhawat H. Firoz, Md. Asjad Hossain, Sonia Akter, Md. Awlad Hossain , Md. Nizam Uddin, Iqbal Ahmed Siddiquey	<i>Ceramics International</i> , 2017 , 43, 84-91.
30.	Synthesis and Characterization of Imidazolium Linear Bisphenol Polycarbonate Hydroxides for Anion Exchange Membrane	Hohyoun Jang, Md. Awlad Hossain , Soonho Lee, Jaesung Ha, Jihoo Yoo, Kyungchul Kim, and Whangi Kim	<i>J. Nanosci. Nanotech.</i> 2015 , 15, 8842-8848.

Dr. Mohammad Mostafizur Rahman, Professor

ক্রমিক নং	প্রবন্ধেরশিরোনাম	লেখকেরনাম	জার্নালেরনাম (ভলিউম, পৃষ্ঠা নং ও সাল)
০১	Purity analysis of commercially available brands of carbofuran in Gazipur district, Bangladesh	Islam R, Rahman MM , Mondal MF, Hossain MA, Halder D and Rob MM	<i>International Journal of Natural Sciences</i> , 2016 , 6(2), 62-65
০২	Biological and Quantitative-SAR Evaluations, and Docking Studies of (<i>E</i>)- <i>N</i> -Benzylidenebenzohydrazide Analogues as Potential Antibacterial Agents	Mohammad Sayed Alam, Sefat Jebin, M. Mostafizur Rahman , Md. Latiful Bari, Dong-Ung Lee	<i>EXCLI Journal</i> , 2016 , 15, 350-361
০৩	Synthesis of 1,3-di- and 1,3,4-trisubstituted 1,6-dihydro-6-iminopyridazines as competitive antagonists of insect GABA receptors	Mohammad Mostafizur Rahman , Genyan Liu, KenjiroFuruta, FumiyoOzoe, Yoshihisa Ozoe	<i>Journal of Pesticide Science</i> , 2014 , 39(3), 133-143
০৪	Competitive antagonism of insect GABA receptors by iminopyridazine derivatives of GABA	Mohammad Mostafizur Rahman , Yuki Akiyoshi, Shogo Furutani, Kazuhiko Matsuda, Kenjiro Furuta, Izumi Ikeda, Yoshihisa Ozoe	<i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 5957-5964

Dr. GulshanAra

Sl No.	Title	Authors	Journals Information's (Name, Volume, page and Year)
1	Effect of urea on the kinetics of the alkaline hydrolysis of crystal violet catalyzed by aqueous micellar solutions of cetyltrimethylammonium bromide	L. Arzuman, S. N. Karobi, M. J. Islam, G. Ara , M. M. Rahman, M. Y. A. Mollah, M. A. B. H. Susan	<i>Taylor & Francis</i> , 45, 764-769, 2013.
2	One-pot synthesis of aprotic ionic liquid through solvent-free alkylation of an organic superbase	G. Ara , A. Rahman, M. A. Halim, M. M. Islam, M. Y. A. Mollah, M. M. Rahman, M. A. B. H. Susan	Materials today: Proceedings, 29, 1020-1024, 2020.
3	1,8-Diazabicyclo[5.4.0]-undec-7-ene based protic ionic liquids and their binary systems with molecular solvents catalyzed Michael addition reaction	G. Ara , M. M. Islam, M. Y. A. Mollah, M. M. Rahman, M. A. B. H. Susan	New Journal of Chemistry, 44, 13701-13706, 2020.

Dr. Md. Rajibul Haque Akanda, Associate Professor

Serial No	Title of the articles	Authors name	Journal name, volume, page no.
1	An Amphiphilic Polymer- and Carbon Nanotube- Modified Indium Tin Oxide Electrode for Sensitive Electrochemical DNA Detection with Low Nonspecific Binding	Md. Abdul Aziz, Kyungmin Jo, Jeong-Ah Lee, Md. Rajibul Akanda , Daekyung Sung, Sangyong Jon and Haesik Yang	Electroanalysis, 22, 2615-2619 (2010).
2	Optimization of Phosphatase- and Redox Cycling-Based Immunosensors and Its Application to ultrasensitive Detection of Troponin I	Md. Rajibul Akanda , Md. Abdul Aziz, Kyungmin Jo, Vellaiappillai Tamilavan, Myung Ho Hyun, Sinyoung Kim and Haesik Yang	Analytical Chemistry , 83, 3926-3933 (2011).
3	Outer sphere to Inner sphere redox cycling for ultrasensitive Immunosensor	Md. Rajibul Akanda , Yu-Lim Choi, and Haesik Yang	Analytical Chemistry , 84(2), 1049-1055 (2012).
4	Colorimetric bioassay using the catalytic ester hydrolysis by esterase-like Cu ²⁺	Amardeep Singh, Srikanta Patra, Md. Rajibul Akanda and Haesik Yang	Sensors and Actuators B , 171-172, 866-871, (2012).
5	Hydroquinone diphosphate as a phosphatase substrate in enzymatic amplification combined with electrochemical-chemical-chemical redox cycling for the detection of E.coli O157:H7	Md. Rajibul Akanda , Vellaiappillai Tamilavan, Seonhwa Park, Kyungmin Jo, Myung Ho Hyun and Haesik Yang	Analytical Chemistry , 85, 1631-1636, (2013).
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	Ultrasensitive Detection with Serum	Park, Sinyoung Kim, Myung Ho Hyun, Min-Gon Kim and Haesik Yang	
7	Recent Advances in Nanomaterial-Modified Pencil Graphite Electrodes for Electroanalysis	Md. Rajibul Akanda , Manzar Sohail, Md. Abdul Aziz, and Abdel-Nasser Kawde	Electroanalysis , 28, 408-424(2016).
8	A tyrosinase-responsive nonenzymatic redox cycling for amplified electrochemical immunosensing of protein	Md. Rajibul Akanda , and HuangxianJu	Analytical Chemistry , 88(19), 9856–9861, (2016).
9	An Integrated Redox Cycling for Electrochemical Enzymatic Signal Enhancement	Md. Rajibul Akanda , and HuangxianJu	Analytical Chemistry , 89, 13480-13486, (2017).
10	Ferritin-Triggered Redox Cycling for Highly Sensitive Electrochemical Immunosensing of Protein	Md. Rajibul Akanda , and HuangxianJu	Analytical Chemistry , 90(13),8028-8034, (2018).
11	Preparation and characterization of Biant leaves-derived nitrogen-doped carbon and its use as an electrocatalyst for detecting ketoconazole	Md. Aminul Haque, Md. Rajibul Akanda , Delwar Hossain, M. Aminul Haque, Ismail A. Buliyaminu, Shaik Inayath Basha, Munetaka Oyama, and Md. Abdul Aziz	Electroanalysis , 32, 528-435,2020.
12	Procedure Optimization of <i>Limoniaacidissima</i> Leave	M. Aminul Haque, Md. Shamim	Journal of Chemistry Select ,

	Extraction as well as Silver Nanoparticle Synthesis for Prominent Antibacterial Activity	Hossain, Md. Rajibul Akanda , Md. Aminul Haque and Shamsun Naher	4, 14276-14280, 2019.
13	Recent Advancement on the Utilization of Indium Tin Oxide without surface modification with electrocatalyst/electron mediator in Electroanalysis	Md. Rajibul Akanda , Abdalghaffar Mohammad Osman, Mazen Khaled Nazal, and Md. Abdul Aziz	Journal of The Electrochemical Society, 2020, 167,037534.

Name: Aparna Sarker

Sl. No.	Title of the Article	Authors' name	Name of the Journal [volume, Page no., year]
01.	Synthesis, Characterization and Biological Applications of Mo(VI) and V(IV) Complexes of 2-[2-(2-aminoethoxy) ethoxy]ethanamine dithiocarbamate	Nasrin Papri, Aparna Sarker , Mohammad Lokman Hossain, Kazi Shakhawath Hossain, Md. Abu Bakar Siddique and Abul Kalam Md. Lutfor Rahman	<i>Chiang Mai Journal of Science</i> [4x(x), 202x, 1-11 (accepted)]
02.	Removal of Toxic Congo Red Dye Using Water Hyacinth Petiole	Rajib Al Mamun, Aparna Sarker , Abul Kalam Md. Lutfor Rahman, Nafees Ahmed and Mamon Sarkar	<i>Journal of the Chemical Society of Pakistan</i> [41(05), 2019, 825-832]

Dr. Mohammed Mahmudur Rahman, Associate Professor

Serial No	Title of the articles	Authors name	Journal name, volume, page no.
1	Metalloligands containing aminofulvene-aldiminate (AFA) ligands and their bimetallic complexes	Philip J. Bailey, Mahmudur Rahman , Simon Parsons and Fraser J. White	<i>Dalton Transactions</i> , 2013 , 42, 2879–2886.
2	Palladium complexes of 6-aminofulvene-2-aldiminate (AFA) ligands	Philip J. Bailey, Anna Collins, Peter Haack, Simon Parsons, Mahmudur Rahman , Damian Smith and Fraser J. White	<i>Dalton Transactions</i> , 2010 , 39, 1591-1597

Dr. Muhammad Zamir Hossain, Associate Professor

SL No.	Title of the paper	Author (s)	Name of the Journal, Volume, Year, Page
1.	Supercritical route for green materials	Adschiri, Tadafumi; Zhu, Yuanzheng; Seong, Gimyeong; Dejhosseini, Mehdi; Hossain, Muhammad Zamir; Noguchi, Takio; Hojo, Daisuke; Aoki, Nobuaki; Aida, Tsutomu; Takami, Seiichi	Asia Pacific Confederation of Chemical Engineering Congress 2015: APCCChE 2015, incorporating CHEMECA 2015. (ISBN:9781922107473).
2.	Green solvent for green materials: a supercritical hydrothermal method and shape-controlled synthesis of Cr-doped CeO ₂ nanoparticles	Yuanzheng Zhu, Seiichi Takami, Gimyeong Seong, Mehdi Dejhosseini, Muhammad Zamir Hossain , Takio Noguchi, Daisuke Hojo, Nobuaki Aoki, Tsutomu Aida and Tadafumi Adschiri	<i>Phil. Trans. A.</i> 373(2057), 2015, 1-14.
3.	Dispersion and rheology of nanofluids with various concentrations of organic modified nanoparticles: Modifier and solvent effects	Hossain, M.Z. , Hojo, D., Yoko, A., Seong, G., Aoki, N., Tomai, T., Takami, S., Adschiri, T.	<i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 583, 2019, 123876.

Nafees Ahmed

ক্রম.	প্রবন্ধের শিরোনাম	লেখকের নাম	জার্নালের নাম (ভলিউম, পৃষ্ঠা নং ও সাল)
1.	Removal of toxic Congo red dye using water hyacinth petiole	A. K. M. Lutfor Rahman, Rajib Al Mamun, <u>Nafees Ahmed</u> , Aparna Sarkar, Akash Mamon Sarkar	Journal of The Chemical Society of Pakistan (41 (5), 825-833, 2019)
2.	Prolonged morphometric study of barnacle grown on soft substrates of hydrogel and elastomer	<u>Nafees Ahmed</u> , Takayuki Murosaki, Takayuki Kurokawa, Akira Kakugo, Shintaro Yashima, Yasuyuki Nogata, Jian Ping Gong	Biofouling (30(3), 271-279, 2014)
3.	Antifouling properties of hydrogels”	Takayuki Murosaki, <u>Nafees Ahmed</u> , Jian Ping Gong	Science & Technology of Advanced Materials (12, 064706, 2011) doi:10.1088/1468-6996/12/6/064706
4.	Long-term in situ observation of the growth of barnacle on soft substrates with different elasticity and wettability	<u>Nafees Ahmed</u> , Takayuki Murosaki, Akira Kakugo, Takayuki Kurokawa, Jian Ping Gong, Yasuyuki Nogata	Soft Matter, Journal of Royal Society of Chemistry (RSC), (7(16), 7281-7290, 2011).

Professor Dr. Shamsun Naher

Sl No.	Title	Authors	Journals Information's (Name, Volume, page and Year)
1	“Procedure Optimization of <i>Limonia acidissima</i> leaf Extraction and Silver Nanoparticle Synthesis for Prominent Antibacterial Activity”,	M. Aminul Haque, M. Shamim Hossain, Md. Rajibul Akanda, Md. Aminul Haque and Shamsun Naher.	<i>Chemistry Select</i> , 2019 , 4, 14276-14280
2	“Characterization of quality and pharmacological assessment of <i>Pimpinella anisum</i> L. (Anise) seeds cultivars”	Apu Ghosh, Md. Moshfekus Saleh-e-In, Mirza Md. Abukawsar, Md. Aminul Ahsan, Md. Matiur Rahim, Md. Nurul Huda Bhuiyan, Sudhangshu Kumar Roy, Shamsun Naher	<i>J Food Measurement and Characterization</i> . 2019 , 13, 2672–2685
3	Chemical, pharmacological and nutritional quality assessment of black pepper (<i>Piper nigrum</i> L.) seed cultivars	Mirza Md. Abukawsar, Md. Moshfekus Saleh-e-In, Md. Aminul Ahsan, Md. Matiur Rahim, Md. Nurul Huda Bhuiyan, Sudhangshu Kumar Roy, Apu Ghosh, Shamsun Naher	<i>J Food Biochem.</i> 2018 , 42, e12590
4	Studies on physicochemical properties, GC-Mass and ED-XRF analysis of fatty oil of <i>Capsicum Annum</i> linn (dry chili) in Bangladesh	Shamsun Naher , Tanvir ahmed, Md. Abu Salam, S. M. Mahmudul Hassan, Shahin Aziz and Mala Khan.	<i>Int. J. Pharm. Phytopharmacol. Res.</i> , 2015 , 5(1), 35-40.
5	Assessment of Trans Fatty Acids in Bakery Biscuits Available in Dhaka, Bangladesh	Mala Khan, Shakil Fakir, Shamima Akter Eti, Saiful Islam, Md. Moniruzzaman, Mirola Afroze, R M Mazumdar, Md Ashikur Rahman, Shamsun Naher.	<i>Annals. Food Science and Technology</i> , 2015 , 16(1), 91-97.
6	Studies on Physicochemical properties and GC-MS Analysis of essential oil of the two varieties of the Gurlic (<i>Allium Sativum</i> L.)	Shamsun Naher , Md. Mostak Ahmed, Shahin Aziz, Mahmudul Hasan and Mala Khan.	<i>Int. J. Pharm. Phytopharmacol. Res.</i> ,

7	Comparative Studies on Physicochemical properties and GC Analysis of Fatty oil of the two Varieties of the <i>Myristica fragrans</i> Houtt (Nutmeg) Seed	Shamsun Naher , Md. Mizanur Rahman, Shahin Aziz, S. M. Mahmudul Hasan, Md. Nurul Huda Bhuiyan, Md. Matiur Rahim and Aminul Ahsan.	<i>Int. J. Pharm. Phytopharmacol. Res.</i> , 2013 , 3 (2), 80-82.
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9	Comparative Studies on Physicochemical properties and GC-MS Analysis of essential oil of the two varieties of the Black Pepper (<i>Piper nigrum</i> Linn.)	Shahin Aziz, Shamsun Naher , Md. Abukawsar, Sudhungshu Kumar Roy	<i>Int. J. Pharm. Phytopharmacol. Res.</i> , 2012 , 2(2), 67-70.
10	Comparative Studies on Physicochemical Properties and GC-MS Analysis of Essential Oil of the Two Varieties of Ginger (<i>Zingiber officinale</i>)	Shahin Aziz, S. M. Mahmudul Hassan, Sudum Nandi, Shamsun Naher , Shudangshu Kumar Roy, Ram Proshad Sarkar and Hemayet Hossain	<i>Int. J. Pharm. Phytopharmacol. Res.</i> , 2012 , 1(6), 367-370
11	Amidocrownaphanes as Anion Receptor.	Shamsun Naher , K. Hiratani, S. Ito	<i>J. Incl. Phen. and Macrocycl. Chem</i> 2006 , 55, 151-157
12	Synthesis of Amidocrownaphanes with 27- and 28-Membered Rings and Their Molecular Recognition Toward Urea and its Derivatives	Shamsun Naher, K. Hiratani, M. Karikomi and K. Haga.	<i>J. Hetero, Chem.</i> , 2005 , 42, 575-582.
13	Synthesis of Some Dihydropiranes by Utilizing Crotonyl Cyanides as Heterodynes in a Very Mild Condition	M. A Hashem, N. Nurun and Shamsun Naher	<i>Ind. J. Chem. Sec. B.</i> 2001 , 40B, 377-381.

Dr. Abul Kalam Md. Lutfor Rahman, Professor

Sl. No.	Title of the Publication	Authors	Journal name (Vol, page and year)
1	Synthesis, Characterization and Biological Applications of Mo(VI) and V(IV) Complexes of 2-[2-(2-aminoethoxy) ethoxy] ethanamine dithiocarbamate	Nasrin Papri, Aparna Sarker, Mohammad Lokman Hossain, Kazi Shakhawath Hossain, Md. Abu Bakar Siddique, and Abul Kalam Md. Lutfor Rahman	Chiang Mai J. Sci. Accepted, June 2020
2	Removal of Toxic Congo Red Dye Using Water Hyacinth Petiole	Rajib Al Mamun, Aparna. Sarker, Abul Kalam Md. Lutfor Rahman	J Chem. Soc. Pak., 41(5) , 825-833, 2019
3	Cost effective treatment of tannery effluent by alkali and <i>Azadirachta indica</i>	M. Sarkar, A. K. M. L. Rahman , N. C. Bhoumik	J. Mater. Environ. Sci., 9(10) , 2945-2950, 2018
4	Remediation of chromium and copper on water hyacinth (<i>E. crassipes</i>) shoot powder	M. Sarkar, A. K. M. L. Rahman and N. C. Bhoumik	Water Resources and Industry, 17 , 1-6, 2017
5	Evaluation of Transboundary Impact on Air Pollution in a Rural Area Shyamnagar, Bangladesh	M Sarkar, J B Islam, K S Ahmed, A K M L Rahman	Mesop. Envir. J., 2(1), 64-70, 2015
6	Quantitative assessment of toxicity in the Shitalakkhya River, Bangladesh	Jahida B. Islam, Mamon Sarkar, A.K.M. Lutfor Rahman	Egyptian Journal of Aquatic Research, 41, 25-30, 2015
7	Direct conversion of ethane to acetic acid over H-ZSM-5 using H ₂ O ₂ in aqueous phase	Abul Kalam Md Lutfor Rahman , Rie Indo, Hidehisa Hagiwara, T. Ishihara	Applied Catalysis A: General, Vol 456, 82-87, 2013

8	Study of the seasonal variations in Turag river water quality parameters	A.K. M. Lutfor Rahman , M. Islam, M. Z. Hossain and M. A. Ahsan	Afr. J. Pure Appl. Chem. , 6(10) , 144-148, 2012
9	Direct synthesis of formic acid from partial oxidation of methane on H-ZSM-5 solid acid catalyst	Abul Kalam Md. Lutfor Rahman , Masako Kumashiro, Tatsumi Ishihara	Catalysis Communications, 12 , 1198–1200, 2011
10	Studies on some diazo coupled products of chromium(III) chelates of acetylacetone and benzoylacetone	Abul Kalam Md. Lutfor Rahman , M. B. Hossain, M. A. Halim, D. A. Chowdhury and M. A.Salam	Afr. J. Pure Appl. Chem. , Vol. 4(10), 216-220, 2010
11	Study on Effective Average (γ , n) Cross Section for ^{89}Y , ^{90}Zr , ^{93}Nb , ^{133}Cs and (γ , 3n) Cross Section for ^{99}Tc	Abul Kalam Md. Lutfor Rahman , Kunio Kato, Nobuhiro Shigyo, Kenji Ishibashi, Jun-Ichi Hori and Ken Nakajima	J. Nucl. Sci. & Tech, 47 , No. 7, 2010
12	Measurement of the photonuclear (γ , n) reaction cross section for ^{129}I using bremsstrahlung photons	Abul Kalam Md. Lutfor Rahman , Shigeyuki Kuwabara, Kunio Kato, Hidehiko Arima, Nobuhiro Shigyo, Kenji Ishibashi, Jun-ichi Hori, Ken Nakajima and Tetsuo Goto, and Mikio Uematsu	Nucl. Sci. and Eng., 160 , 363-369, 2008
13	Measurement of (γ , n) Reaction Cross Section for Long-lived β -emitting Radionuclide ^{129}I by Using Bremsstrahlung Photons	Abul Kalam Md. Lutfor Rahman , Shigeyuki Kuwabara, Kunio Kato, Hidehiko Arima, Nobuhiro Shigyo, Kenji Ishibashi, Jun-Ichi	J. Nucl. Sci. & Tech., 5 , 329-332, 2008

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14	Measurement of inclusive photonuclear (γ , n) reaction cross section for ^{129}I	Abul Kalam Md. Lutfor Rahman, Shigeyuki Kuwabara, Hidehiko Arima, Nobuhiro Shigyo, Kenji Ishibashi, Jun- Ichi Hori, Ken Nakajima, Tetsuo Goto, Mikio Uematsu	EDP Sciences , 529- 532, 2008
15	Synthesis and Characterization of Dioxo-molybdenum (VI) Complexes of Some Dithiocarbamates	Didarul A. Chowdhury, Mohammad N. Uddin and Abul K. M. L. Rahman	Chiang Mai J. Sci., 33(3), 357-362, 2006
16	Studies on Diazocoupling Products of Dioxo-molybdenum (VI) Chelates of β -diketones	M. A. Halim, S.A. Nessa, A.K.M.L. Rahman , D.A. Chowdhury and M.A. Salam	J. of Appl. Sci., 5(6), 1027-1031, 2005

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ক্রম.	প্রবন্ধের শিরোনাম	লেখকেরনাম	জার্নালেরনাম(ভলিউম, পৃষ্ঠাং ও সাল)
1.	Green Synthesis of Gold and Silver Nanoparticles by Using <i>Amorphophalluspae oniifolius</i> Tuber Extract and Evaluation of Their Antibacterial Activity	S. M. Abu Nayem , Nasrin Sultana , Md. Aminul Haque , Billal Miah , Md. Mahmodul Hasan, Tamanna Islam, Md. Mahedi Hasan , Abdul Awal , Jamal Uddin , Md. Abdul Aziz and A. J. Saleh Ahammad	<i>Molecules</i> , 2020 , 25 , 4773 doi:10.3390/molecules25204773
2.	Hollow reticular shaped highly ordered rice husk carbon for the simultaneous determination of dopamine and uric acid	Md. Aminul Haque , Md. Mahedi Hasan, Tamanna Islam, Md. Abdur Razzak, Nabeel H. Alharthi, Hamad F. Alharbi, Mohammad R. Karim, Aziz student, Md. Abdul Aziz, and A. J. Saleh Ahammad	<i>Electroanalysis</i> . 2020, 32, 1957-1970.
3.	Preparation and characterization of Bhand leaves-derived nitrogen-doped carbon and its use as an electrocatalyst for detecting ketoconazole	Md. Aminul Haque , Md. RajibulAkanda, Delwar Hossain, M. Aminul Haque, Ismail A. Buliyaminu, Shaik Inayath Basha, Munetaka Oyama, and Md. Abdul Aziz	<i>Electroanalysis</i> . 2020 , 32, 528-53
4.	Procedure Optimization of <i>Limoniacidissima</i> Leaf Extraction and Silver Nanoparticle Synthesis for Prominent Antibacterial Activity	M. Aminul Haque, M. Shamim Hossain, Md. RajibulAkanda, Md. AminulHaque , ShamsunNaher	<i>Chemistry Select</i> . 2019, 4, 14276-80.
5.	Manganese(III)-Catalyzed Aerobic Oxidation of 3-Alkyl-4-hydroxy-1H-pyrrol-2(5H)-ones in the Presence of 1,1-Diarylethenes. Synthesis of stable 8-Aza-1-hydroxy-	Md. Aminul Haque and Hiroshi Nishino	<i>Journal of Heterocyclic Chemistry</i> , Vol-51(3), 579-585, 2014

	2,3-dioxabicyclo[4.3.0]-nonan-7-one Framework		
6.	Facile Access to 3-Hydroperoxy-2,4-pyrrolidinediones Using Manganese(III)-Catalyzed Aerobic Oxidation	Md. Aminul Haque and Hiroshi Nishino	<i>Synthetic Communications</i> , Vol 42, 608-619, 2012.
7.	Mn(III)-Initiated Facile Oxygenation of Heterocyclic 1,3-Dicarbonyl Compounds	Md. Taifur Rahman, Md. Aminul Haque , Hikaru Igarashi and Hiroshi Nishino	<i>Molecules</i> , Vol 16, 9562-9581, 2011 .
8.	Spontaneous Conversion of 3-Alkyl-substituted 3-Hydroperoxypyrrolidine-2,4-diones into 5-Alkyl-5-hydroxyoxazolidin-4-ones	Md. Aminul Haque Hayato Ishikawa and Hiroshi Nishino	<i>Chem. Lett.</i> Vol 40, 1349-1351, 2011 .
9.	Synthesis of Peroxylactones Using Mn(III)-Catalyzed Aerobic Oxidation	Md. Aminul Haque and Hiroshi Nishino	<i>Journal of Heterocycles</i> , Vol 83(8), 1783-1805, 2011.
10.	Influence of Irradiation on Fenton Degradation of Brilliant Red X-3B	M. Maria Rahman, M. Amirul Islam, M. Afsar Uddin, R. Saha, M. Mostafizur Rahman, M.A. Yousuf, M.A. Haque , M.A. Hasnat	<i>International Journal of Chemical Reactor Engineering</i> . 2010 , 8, A144
11.	Expedient Synthesis of 8-Aza-1-hydroxy-2,3-dioxabicyclo[4.3.0]nonan-7-ones Using Manganese(III)-Catalyzed Aerobic Oxidation	Md. Aminul Haque and Hiroshi Nishino	<i>Heterocyclic Communications</i> , Vol 16(4-6), 209-212, 2010