EUROPEAN CURRICULUM VITAE FORMAT

NAME AND SURNAME | **AKIKO TSURUMAKI**

EDUCATION

Date (from - to)	**01/04/2012 – 25/03/2015**
Degree	**Doctor of Engineering**
Title of thesis	*Basic Studies and Functional Design of Fluorinated Polymer/Ionic Liquid Composites*
Institution	Department of Biotechnology and Life Science, Graduate School of Engineering, Tokyo University of Agriculture and Technology (Tokyo Univ. A&T)
Supervisor	Prof. Dr. Hiroyuki Ohno
Highlights	- Elucidated correlation among structure of ionic liquids, their physicochemical properties, and their compatibility with fluorinated compounds - Synthesized novel ionic liquids for the dissolution of barely soluble fluorinated polymers - Designed polymer electrolytes based on poly(tetrafluoroethylene) and ionic liquids

Date (from - to)	**01/04/2010 – 27/03/2012**
Degree	**Master of Engineering**
Title of thesis	*Evaluation of compatibility between ionic liquids and polymers for the design of ion conductive materials (written in Japanese)*
Institution	Department of Biotechnology and Life Science, Graduate School of Engineering, Tokyo Univ. A&T

Date (from - to)	**01/04/2006– 25/03/2010**
Degree	**Bachelor of Engineering**
Title of thesis	*Factors to control solubility of poly(ethylene oxide)s in ionic liquids (written in Japanese)*
Institution	Department of Biotechnology and Life Science, Faculty of Engineering, Tokyo Univ. A&T

WORK EXPERIENCE

Date (from - to)	**22/12/2021 – PRESENT**
Position	**RTD-A (Research Fellow)**
Institution	Department of Chemistry, Sapienza University of Rome
Project title	Accumulo elettrochimico di energia in batterie green all'acqua di mare (Green energy storage system using seawater)

Date (from - to)	**11/05/2016 – 21/12/2021**
Position	**Postdoctoral Researcher**
Institution	Department of Chemistry, Sapienza University of Rome
Project title	Sviluppo di elettroliti solidi e gelificati per batterie litio e sodio ione avanzate (Development of solid and gel electrolytes for advanced lithium and sodium ion batteries)

Date (from - to)	**01/04/2015 – 09/05/2016**
Position	**Assistant Professor**
Institution	Institute of Global Innovation Research, Tokyo Univ. A&T
Project title	Development of Novel Energy Conversion Technology with Ionic Liquids

Date (from - to)	**16/05/2012 – 31/03/2013**
Position	**Research Assistant (40 hours)**
Institution	Department of Biotechnology and Life Science, Tokyo Univ. A&T
Project title	Evaluation of compatibility between ionic liquids and polymers

Date (from - to)	**01/04/2010 – 31/03/2011**
Position	**Research Assistant (636 hours)**
Institution	Ohno-Nakamura Laboratory, Department of Biotechnology and Life Science, Tokyo Univ. A&T
Project title	Construction of database of ionic liquids

TEACHING EXPERIENCE

Years	**2021/2022**
Position	**Docente a contratto (3CFU) – bando n°12/2021 del 03/08/2021**
Course	Advanced Chemical Methods in Archaeological Material Science (CHIM/02)
Institution	Department of Environmental Biology, Sapienza University of Rome
Years	**2020/2021**
Position	**Docente a contratto (3CFU) – bando n°50/2020 del 05/08/2020**
Course	Advanced Chemical Methods in Archaeological Material Science (CHIM/02)
Institution	Department of Environmental Biology, Sapienza University of Rome
Years	**2019/2020**
Position	**Docente a contratto (3CFU) – bando n°68/2019 del 05/08/2019**
Course	Advanced Chemical Methods in Archaeological Material Science (CHIM/02)
Institution	Department of Environmental Biology, Sapienza University of Rome
Years	**2010/2011**
Position	**Teaching Assistant (52 hours)**
Course	Laboratory component of the course Biotechnology and Life Science III & IV
Institution	Department of Biotechnology and Life Science, Tokyo Univ. A&T

RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR

Years	**2021/2022**
Name	**Progetti per Avvio alla Ricerca – Type 2**
Amount	2 000 EUR
Source	Sapienza University of Rome
Project title	Development of green and environmentally-friendly polymer matrices for versatile applications: from electrochemistry to conservation of cultural heritage
Years	**2020/2021**
Name	**Progetti per Avvio alla Ricerca – Type 2**
Amount	2 200 EUR
Source	Sapienza University of Rome
Project title	Design of multifunctional surface on inorganic ceramic solid electrolytes by using ionic liquids
Years	**2018/2019**
Name	**Progetti per Avvio alla Ricerca – Type 2**
Amount	2 000 EUR
Source	Sapienza University of Rome
Project title	Novel inorganic-organic hybrid solid electrolytes integrated with ionic liquids as macro- and nano-scale binders
Years	**2017/2018**
Name	**Progetti per Avvio alla Ricerca – Type 2**
Amount	2 000 EUR
Source	Sapienza University of Rome

Project title	A new class of polymer electrolytes based on poly(tetrafluoroethylene) and fluoro-functionalized ionic liquids with the intent of improved stability of advanced lithium ion batteries
Years	**2017/2018**
Name	**Financial support for leading research in science and technology**
Amount	700 000 JPY, which is equivalent to 5300 EUR
Source	Foundation for Interaction in Science & Technology (FIST), Japan
Project title	Improvement of thermal- and electrochemical-stability of electrolytes for lithium ion batteries by using fluorinated ionic liquids
Years	**2016/2017**
Name	**Progetti per Avvio alla Ricerca – Type 2**
Amount	3 000 EUR
Source	Sapienza University of Rome
Project title	Fascicle preparation of novel polymer electrolytes based on poly(tetrafluoroethylene) and ionic liquids with the intent of improved stability of lithium ion batteries
Years	**2013/2015**
Name	**DC2 Research Fellow**
Amount	4 800 000JPY which is equivalent to 36 300 EUR as a salary 2 000 000JPY which is equivalent to 15 100 EUR as a grant-in-aid
Source	Japan Society for the Promotion of Science (JSPS)
Project title	Design of ionic liquids as a solvent for poly(tetrafluoroethylene)
Years	**2012/2013**
Name	**JIRITSU Research Scholarship**
Amount	600 000 JPY which is equivalent to 4 500 EUR
Source	Tokyo Univ. A&T
Project title	Design of ionic liquids as solvents for fluorinated polymers
Years	**2011/2011 (JUN/DEC)**
Name	**International Training Program for Training Pre-Tenure-Track Young Researchers in Nano-Materials**
Amount	1 380 000 JPY which is equivalent to 10 400 EUR as a salary 180 000 JPY which is equivalent to 1 400 EUR for traveling expenses
Source	Japan Society for the Promotion of Science (JSPS)
Project title	Design of ionic liquid/polymer composites as electrolytes (collaboration work with Prof. Bruno Scrosati's group at the Sapienza University of Rome)
Years	**2011/2012**
Name	**JIRITSU Research Scholarship**
Amount	600 000 JPY which is equivalent to 4 500 EUR
Source	Tokyo Univ. A&T
Project title	Factors to control micro-phase structures of ionic liquid/polymer composites

SCHOLARSHIPS AND AWARDS

Year	**2018**
Name	**Financial support for conference attendance**
Amount	100 000 JPY which is equivalent to 750 EUR
Source	Yoshida Foundation for Science and Technology, Japan
Year	**2017**
Name	**Financial support for conference attendance**
Amount	300 EUR

Source	21st International Conference on Solid State Ionics (SSI-21)
Year	**2012**
Name	**The Intensive Scholarship for Doctor Students**
Amount	200 000 JPY which is equivalent to 1500 EUR
Source	Tokyo Univ. A&T
Year	**2012**
Name	**Award for first-author publication during Master's program**
Amount	1 056 000 JPY which is equivalent to 8 000 EUR
Source	Japan Student Services Organization (JASSO)

RESEARCH FOCUS

Key words

Ionic liquids
Lithium ion batteries
Biorefinery
Electrolytes
Thermal stability

Brief summary

The central focus of my research lies in the development of lithium ion batteries with versatile stabilities. My expertise is in the synthesis and characterization of electrolytes, which are composed of polymer matrices and ionic liquids. Their combination can improve thermal, electrochemical, and mechanical stabilities of the electrolyte, affecting higher capacity retention during battery cycling through prohibiting evaporation and decomposition of the electrolyte. Next-generation batteries form the cornerstone of my current research, particularly all-solid-state batteries with high thermal stability based on the use of inorganic glassy solid state electrolytes, as well as greener batteries comprising bio-derived materials such as cellulose and lignin as battery components.

LIST OF PUBLICATIONS

CiteScore and Impact Factor (IF) were taken from Scopus and Web of Science (WoS), respectively.

1 Stable gel polymer electrolytes for high voltage Li-batteries, R. Poiana, E. Lufrano, **A. Tsurumaki***, C. Simari, I. Nicotera, M. A. Navarra, Electrochim. Acta 2022, 401, 139470.
DOI: 10.1016/j.electacta.2021.139470 Citation: 0, CiteScore (Scopus): 11.2, IF (WoS): 6.901

2 Sn/C composite anodes for bulk-type all-solid-state batteries, G. Maresca, **A. Tsurumaki**, N. Suzuki, K. Yoshida, S. Panero, Y. Aihara, M. A. Navarra*, Electrochim. Acta 2021, 395, 139104.
DOI: 10.1016/j.electacta.2021.139104 Citation: 0, CiteScore (Scopus): 11.2, IF (WoS): 6.901

3 Inter- and intramolecular interactions in ether-functionalized ionic liquids, O. Palumbo*, F. Trequattrini, A. Cimini, **A. Tsurumaki**, M. A. Navarra, and A. Paolone, J. Phys. Chem. B 2021, 2021, 125, 2380-2388.
DOI: 10.1021/acs.jpcb.0c11429 Citation: 0, CiteScore (Scopus): 5.1, IF (WoS): 2.991

4 Improvement of graphite interfacial stability in all-solid-state cells adopting sulfide glassy electrolytes, G. Maresca, **A. Tsurumaki**, N. Suzuki, T. Tsujimura, Y. Aihara, M. A. Navarra*, ChemElectroChem 2021, 8, 689-696.
DOI: 10.1002/celc.202001291 Citation: 2, CiteScore (Scopus): 6.6, IF (WoS): 4.590

5 Different approaches to obtain functionalized alumina as additive in polymer electrolyte membranes, L. Mazzapioda, M. Sgambetterra, **A. Tsurumaki**, M.A. Navarra*, J. Solid State Electrochem. 2021.
DOI: 10.1007/s10008-021-05025-6 Citation: 0, CiteScore (Scopus): 4.6, IF (WoS): 2.647

6 Effect of the cation structure on cellulose dissolution in aqueous solutions of organic onium hydroxides, **A. Tsurumaki**, M. Tajima, M. Abe, D. Sato, and H. Ohno*, Phys. Chem. Chem. Phys. 2020, 22, 22602-22608.
DOI: 10.1039/D0CP03807E Citation: 0, CiteScore (Scopus): 6.1, IF (WoS): 3.676

7 A novel Li^+-conducting polymer membrane gelled by fluorine-free electrolyte solutions for Li^-ion batteries, M. A. Navarra*, **A. Tsurumaki**, F.M. Vitucci, A. Paolone, O. Palumbo, S. Panero, Batteries & Supercaps 2020, 3, 1112-1119.
DOI: 10.1002/batt.202000078 Citation: 0, CiteScore (Scopus): N/A, IF (WoS): 7.093

8 Enhanced safety and galvanostatic performance of high voltage lithium batteries by using ionic liquids, **A. Tsurumaki**, M. Agostini, R. Poiana, L. Lombardo, E. Lufrano, C. Simari, A. Matic, I. Nicotera, S. Panero, M. A. Navarra*, Electrochim. Acta 2019, 316, 1-7.
DOI: 10.1016/j.electacta.2019.05.086 Citation: 11, CiteScore (Scopus): 11.2, IF (WoS): 6.901

9 Bis(oxalato)borate and difluoro(oxalato)borate-based ionic liquids as electrolyte additives to improve the capacity retention in high voltage lithium batteries, **A. Tsurumaki***, M. Branchi, A. Rigano, R. Poiana, S. Panero, M. A. Navarra, Electrochim. Acta 2019, 315, 17-23.
DOI: 10.1016/j.electacta.2019.04.190 Citation: 10, CiteScore (Scopus): 11.2, IF (WoS): 6.901

10 Preparation of epoxy resins derived from lignin solubilized in tetrabutylphosphonium hydroxide aqueous solutions, M. Nagatani, **A. Tsurumaki**, K. Takamatsu, H. Saito, N. Nakamura, H. Ohno*, Int. J. Biol. Macromolecules 2019, 132, 585-591.
DOI: 10.1016/j.ijbiomac.2019.03.152 Citation: 8, CiteScore (Scopus): 8.5, IF (WoS): 6.953

11 Polymerized ionic liquids as durable antistatic agents for polyether-based polyurethanes, **A. Tsurumaki**, T. Iwata, M. Tokuda, H. Minami, M. A. Navarra, H. Ohno*, Electrochim. Acta 2019, 308, 115-120.
DOI: 10.1016/j.electacta.2019.04.031 Citation: 7, CiteScore (Scopus): 11.2, IF (WoS): 6.901

12 Novel bis(fluorosulfonyl)imide-based and ether-functionalized ionic liquids for lithium batteries with improved cycling properties, **A. Tsurumaki***, H. Ohno, S. Panero, M. A. Navarra, Electrochim. Acta 2019, 293, 160-165.
DOI: 10.1016/j.electacta.2018.09.205 Citation: 12, CiteScore (Scopus): 11.2, IF (WoS): 6.901

13 Gel polymer electrolytes based on silica-added poly(ethylene oxide) electrospun membranes for lithium batteries, M. A. Navarra*, L. Lombardo, P. Bruni, L. Morelli, **A. Tsurumaki**, S Panero, F. Croce*, Membranes 2018, 8, 126.
DOI: 10.3390/membranes8040126 Citation: 4, CiteScore (Scopus): 3.7, I F (WoS): 4.106

14 The effect of ether-functionalisation in ionic liquids analysed by DFT calculation, infrared spectra, and Kamlet–Taft parameters, **A. Tsurumaki**, F. Trequattrini, O. Palumbo, S. Panero, A. Paolone, and M. A. Navarra*, Phys. Chem. Chem. Phys. 2018, 20, 7989-7997.
DOI: 10.1039/C7CP08134K Citation: 10, CiteScore (Scopus): 6.1, IF (WoS): 3.676

15 Dissolution of oligo(tetrafluoroethylene) and preparation of poly(tetrafluoroethylene)-based composites by using fluorinated ionic liquids, **A. Tsurumaki** and H. Ohno*, Chem. Commun. 2018, 54, 409-412.
DOI: 10.1039/C7CC08449H Citation: 7, CiteScore (Scopus): 9.4, IF (WoS): 6.222

16 Evaluation of ionic liquids as novel antistatic agents for polymethacrylates, **A. Tsurumaki**, S. Tajima, T. Iwata, B. Scrosati and H. Ohno*, Electrochim. Acta 2017, 248, 556-561.
DOI: 10.1016/j.electacta.2017.07.181 Citation: 14, CiteScore (Scopus): 11.2, IF (WoS): 6.901

17 New ether-functionalized morpholinium- and piperidinium-based ionic liquids as electrolyte components in lithium and lithium–ion batteries, M. A. Navarra*, K. Fujimura, M. Sgambetterra, **A. Tsurumaki**, S. Panero, N. Nakamura, H. Ohno, and B. Scrosati*, ChemSusChem 2017, 10, 2496–2504.
DOI: 10.1002/cssc.201700346 Citation: 19, CiteScore (Scopus): 13.3, IF (WoS): 8.928

18 Induction of lignin solubility for a series of polar ionic liquids by the addition of a small amount of water, T. Akiba, **A. Tsurumaki**, and H. Ohno*, Green Chem. 2017,19, 2260-2265.
DOI: 10.1039/C7GC00626H Citation: 24, CiteScore (Scopus): 15.2, IF (WoS): 10.182

19 Dielectric relaxations of polyether-based polyurethanes containing ionic liquids as antistatic agents, **A. Tsurumaki**, F. Bertasi, K. Vezzu, E. Negro, V. Di Noto, and H. Ohno*, Phys. Chem. Chem. Phys. 2016, 18, 2369-2378.
DOI: 10.1039/C5CP04090F Citation: 6, CiteScore (Scopus): 6.1, IF (WoS): 3.676

20 Antistatic effects of ionic liquids for polyether-based polyurethanes, **A. Tsurumaki**, S. Tajima, T. Iwata, B. Scrosati and H. Ohno*, Electrochim. Acta 2015, 175, 13-17.
DOI: 10.1016/j.electacta.2014.12.128 Citation: 22, CiteScore (Scopus): 11.2, IF (WoS): 6.901

21 Bis(trifluoromethanesulfonyl)imide-type ionic liquids as excellent antistatic agents for polyurethanes, T. Iwata, **A. Tsurumaki**, S. Tajima, and H. Ohno*, Macromol. Mat. Eng. 2014, 299, 794-798.
DOI: 10.1002/mame.201300333 Citation: 15, CiteScore (Scopus): 6.5, IF (WoS): 4.367

22 Fixation of ionic liquids into polyether-based polyurethane films to maintain long-term antistatic properties, T. Iwata, **A. Tsurumaki**, S. Tajima and H. Ohno*, Polymer 2014, 55, 2501-2504.
DOI: 10.1016/j.polymer.2014.03.028 Citation: 13, CiteScore (Scopus): 7.2, IF (WoS): 4.430

23 *N*-n-Butyl-*N*-methylpyrrolidinium hexafluorophosphate-added electrolyte solutions and membranes for lithium-secondary batteries, **A. Tsurumaki**, M. A. Navarra, S. Panero, B. Scrosati, and H. Ohno*, J. Power Sources 2013, 233, 104-109.
DOI: 10.1016/j.jpowsour.2013.01.131 Citation: 13, CiteScore (Scopus): 14.4, IF (WoS): 9.127

24 Properties of polymer electrolytes composed of poly(ethylene oxide) and ionic liquids according to hard and soft acids and bases theory, **A. Tsurumaki**, J. Kagimoto, and H. Ohno*, Polym. Adv. Technol. 2011, 22, 1223-1228.
DOI: 10.1002/pat.1931 Citation: 34, CiteScore (Scopus): 4.5, IF (WoS): 3.665

LIST OF PRESENTATIONS

As invited speaker

1 (International) Dissolution of woody biomass with onium hydroxide solutions, ○**A. Tsurumaki**, PAThlestra, Aveiro, Portugal. (3rd Jun 2016)

2 (International) Overseas experiences as a postdoctoral researcher in Italy, ○**A. Tsurumaki**, The Fifth FILL symposium, Tokyo, Japan. (2nd Mar 2016)

3 (International) Ionic liquids as sustainable and designable antistatic agents for polymers, ○**A. Tsurumaki**, F. Bertasi, K. Vezzú, S. Lavina, V. Di Noto, and H. Ohno, The First Korea-Japan Joint Symposium on Ionic Liquids/Pre-Symposium of COIL6, PR2, Daegu, Korea. (16th Jun 2015)

4 (Japanese national conference) PhD Courses & Milestones, ○**A. Tsurumaki**, The 95th Annual Meeting of the Chemical Society of Japan, Chiba, Japan. (26th Mar 2015)

5 (International) Design of ionic liquids to enhance excellent and sustainable antistatic properties for polyether-based polyurethanes, ○**A. Tsurumaki**, The Third Green Sustainable Chemistry Seminar, Tottori, Japan. (5th Dec 2014)

As presenter, oral presentations

1 (International) Safe Gel Polymer Electrolytes for High Voltage Lithium Batteries, ○**A. Tsurumaki**, R. Poiana, E. Lufrano, C. Simari, I. Nicotera, M.A. Navarra, NanoInnovation 2021, TT.XI.B.3, Rome, Italy. (24th Sep 2021)

2 (Italian national conference) Highly Versatile Gel Polymer Electrolytes for High Voltage Lithium Batteries, ○**A. Tsurumaki**, R. Poiana, E. Lufrano, C. Simari, I. Nicotera, M.A. Navarra, XXVII Congresso Nazionale della Società Chimica Italiana (SCI2021), ELE_OR61, online. (21st Sep 2021)

3 (International) Sn/C Anode Materials for All-Solid-State Lithium Ion Batteries with Sulfide-Based Solid Electrolytes, ○**A. Tsurumaki**, G. Maresca, N. Suzuki, K. Yoshida, Y. Aihara, and M. A. Navarra, The 72nd Annual Meeting of the International Society of Electrochemistry, online. (31st Aug 2021)

4 (International) Development of all-solid-state batteries with Sn/C composite anodes, ○**A. Tsurumaki**, G. Maresca, N. Suzuki, K. Yoshida, Y. Aihara, and M. A. Navarra, First Italian Energy Storage Workshop (IWES2021), OP31, online. (26th Feb 2021)

5 (International) Improved performance of liquid- and gel-state electrolytes by using borate-based salts and ionic liquids, ○**A. Tsurumaki**, M. Branchi, S. Panero, M.A. Navarra, NanoInnovation 2020, IX.D.3, online. (18th Sep 2020)

6 (Italian national conference) Functionalization of ionic liquid-based electrolytes for advanced lithium ion batteries, ○**A. Tsurumaki**, S. Panero, M.A. Navarra, Secondo Congresso Nazionale del Gruppo

Interdivisionale EnerCHEM, OP46, Padova, Italy. (14th Feb 2020)

7 (International) Improving capacity retention of high voltage $LiNi_{0.5}Mn_{1.5}O_4$ cathodes by using ionic liquids, ○**A. Tsurumaki**, M. Branchi, R. Poiana, S. Panero, M.A. Navarra, European Congress and Exhibition on Advanced Materials and Processes (EUROMAT 2019), E3-TUE-PM4-4, Stockholm, Sweden. (3rd Sep 2019)

8 (Italian national conference) Borate-based ionic liquids as electrolyte additives to improve the capacity retention of high voltage lithium batteries, ○**A. Tsurumaki**, M. Branchi, A. Rigano, R. Poiana, S. Panero, and M. A. Navarra, Convegno Giovani Ricercatori 2019, Rome, Italy. (25th Jun 2019)

9 (International) Long Cycle-Life Lithium Batteries based on Bis(fluorosulfonyl)imide-based Ionic Liquid Electrolytes, ○**A. Tsurumaki**, M. A. Navarra, and S. Panero, The Sixth International Conference on Ionic Liquids for Electrochemical Devices (ILED-6), O36, Rome, Italy. (11th Sep 2018)

10 (International) Improved Cycle Performances of $LiFePO_4$ by Using Bis(fluorosulfonyl)imide-based Ionic Liquids, ○**A. Tsurumaki**, M. A. Navarra, and S. Panero, The 69th Annual Meeting of the International Society of Electrochemistry, Bologna, Italy. (3rd Sep 2018)

11 (International) Strategy for the antistatic treatment of polymers by using ionic liquids, ○**A. Tsurumaki**, M. A. Navarra, H. Ohno, and S. Panero, The 16th International Symposium on Polymer Electrolytes (ISPE-16) , Y1, Yokohama, Japan. (28th Jun 2018)

12 (International) Ionic liquids as additive salts for electrolytes of lithium ion batteries with the intent of improved stability, ○**A. Tsurumaki**, M. Agostini, L. Lombardo, A. Matic, M. A. Navarra, and S. Panero, Giornate dell'Elettrochimica Italiana (GEI2017), We.Or35, Sestriere, Italy. (24th Jan 2018)

13 (International) Strategy to induce stable antistatic effect on polyethylene, ○**A. Tsurumaki**, M. A. Navarra, H. Ohno, and S. Panero, The 21st International Conference on Solid State Ionics (SSI-21), I-7_37/O, Padova, Italy. (23rd Jun 2017)

14 (International) Preparation of novel polymer electrolytes based on poly(tetrafluoroethylene) and ionic liquids for lithium ion batteries, ○**A. Tsurumaki**, M. A. Navarra, H. Ohno, and S. Panero, The Second E3 Mediterranean Symposium: Electrochemistry for Environment and Energy, O27, Gargnano, Italy. (16th Sep 2016)

15 (International) Requirements for ionic liquids to give stable antistatic effects to polymers, ○**A. Tsurumaki**, M. A. Navarra, S. Panero, and H. Ohno, The Fifth International Conference on Ionic Liquids for Electrochemical Devices (ILED-5) , Roma, Italy. (11th Jul 2016)

16 (International) Design of ionic liquids as antistatic agents for industrial polymers, ○**A. Tsurumaki**, GIR workshop, Tokyo, Japan. (19th Nov 2015)

17 (International) Ionic liquids as sustainable antistatic agents for polyether-based polyurethanes, ○**A. Tsurumaki**, The First FILL Symposium, Tokyo, Japan. (30th Oct 2014)

18 (International) Fixation of bis(trifluoromethanesulfonyl)imide-type ionic liquids onto polyether-based polyurethanes for sustainable antistatic properties, ○**A. Tsurumaki**, S. Tajima, T. Iwata, and H. Ohno, The Fourth International Conference on Ionic Liquids for Electrochemical Devices (ILED-4), Roma, Italy. (28th May 2014)

19 (Japanese national conference) Effective Immobilization of Ionic Liquids into Polyurethane Films Involved in Sustainable Antistatic Property), ○**A. Tsurumaki**, T. Iwata, S. Tajima, and H. Ohno, The 94th Annual Meeting of the Chemical Society of Japan, 3C3- 42, Nagoya, Japan. (29th Mar 2014)

20 (International) Preparation and properties of *N*-n-butyl-*N*-methylpyrrolidinium hexafluorophosphate-added electrolyte solutions and membranes, ○**A. Tsurumaki**, M. A. Navarra, S. Panero, B. Scrosati, and H. Ohno, The Third Conference of the Federation of Asian Polymer Societies (3rd FAPS), No. 1082, Bangalore, India. (19th May 2013)

21 (International) Preparation and properties of novel polymer electrolytes with pyrrolidinium-based ionic liquids, ○**A. Tsurumaki**, M. A. Navarra, J. Manzi, S. Panero, B. Scrosati, and H. Ohno, The Fifth ITP International Symposium, Oral presentation 16, Linköpings, Sweden. (19th Jun 2012)

22	(International) Novel ionic liquid-based polymer membranes as electrolytes for lithium batteries, ○**A. Tsurumaki**, M. A. Navarra, S. Panero, B. Scrosati, and H. Ohno, The Fourth ITP International Symposium, Oral presentation 1, Rome, Italy. (28th Nov 2011)
23	(Japanese national conference) Factors to control solubility of poly(ethylene oxide) in ionic liquids), ○**A. Tsurumaki**, J. Kagimoto, and H. Ohno, The 92nd Annual Meeting of the Chemical Society of Japan, 3G8-39, Osaka, Japan. (28th Mar 2010)
Other presentations	
Oral	19 presentations (As co-author)
Poster	17 presentations (As first author), 28 presentations (As co-author)

CONFERENCE AWARDS

Award and year	**BEST POSTER AWARD (2019)**
Organization and location	5th International Conference on Ionic Liquid-based Materials (ILMAT V), Paris, France
Award and year	**BEST POSTER AWARD (2016)**
Organization and location	International Meeting on Ionic Liquids for Electrochemical Devices (ILED-5), Rome, Italy

Language Skill

Japanese	Mother tongue
English	TOEIC 845/900
Italian	CILS B2 62/100