

CURRICULUM VITAE

Go KAWAMURA, Ph.D.

Assistant Professor

Department of Electrical and Electronic Information Engineering

Toyohashi University of Technology

1-1 Hibarigaoka Tempaku-cho Toyohashi, Aichi, Japan 441-8580

TEL:+81(532)-44-6796 / **FAX:**+81(532)-48-5833

E-mail: gokawamura@ee.tut.ac.jp **URL:** <http://ion.ee.tut.ac.jp>

Nationality: Japanese **Date of Birth:** 12/12/1981



Education Background

- 2006-2009 Ph.D. (3 yrs), Nagoya Institute of Technology, Materials Science and Engineering (Prof. M. Nogami) “*Morphology- and Assembly-Controlled Gold Nanoparticles and Their Optoelectronic Properties*”
- 2005-2006* Exchange student (1 yr), Ecole Nationale Supérieure de Céramique Industrielle (ENSCI, France, Prof. R. Guinebretiere) “*Fabrication of Photonic Crystal Fiber by Sol-Gel Method*”
- 2004-2006 M.S. (2 yrs), Nagoya Institute of Technology, Materials Science and Engineering (Prof. M. Nogami) “*Synthesis of High-Concentration-Europium-Doped Glasses for Their Optical Applications (in Japanese)*”
- 2000-2004 B.S. (4 yrs), Nagoya Institute of Technology, Materials Science and Engineering (Prof. M. Nogami) “*Redox Behavior of Sm³⁺ Ions by X-ray and Femtosecond Laser Irradiation and Influence of the Glass Matrix Composition (in Japanese)*”

Employment Record

- 2019- Associate Professor (0 yr), Toyohashi University of Technology, Department of Electrical and Electronic Information Engineering
- 2017-2019* Visiting Scientist (10 months), University of Erlangen-Nuremberg (FAU, Germany), Department of Materials Science and Technology (Prof. Aldo R. Boccaccini)
- 2013-2014* Visiting Professor (1 yr), Duke University (USA), Department of Chemistry (Dr. Benjamin J. Wiley)
- 2010- Assistant Professor (8 yrs), Toyohashi University of Technology, Department of

Electrical and Electronic Information Engineering (Prof. A. Matsuda)
2009-2010 Assistant Professor (1yr), Toyohashi University of Technology, Department of
Materials Science (Prof. A. Matsuda)

*Concurrent post

Awards and Prizes (13)

1. **JSPM Award for Distinguished Service**, Japan Society of Powder and Powder Metallurgy, May. 31st, 2017
2. **Award of the Outstanding Reviews Published in the JCSJ in 2015**, The Ceramic Society of Japan, Mar. 23rd, 2016
3. **CerSJ Award for Advancements in Ceramic Science and Technology**, The Ceramic Society of Japan, Nov. 30th, 2015
4. **Dr. Donald Ulrich Award**, International Sol-Gel Society, Sep. 10th, 2015
5. **Best Poster Award**, 5th International Conference on Recent Advances in Materials, Minerals & Environment (RAMM), Local Organizing Committee of the RAMM & Universiti Sains Malaysia, Aug. 6th, 2015
6. **Best Poster Award**, 12th Japanese Sol-Gel Society Symposium, The Japanese Sol-Gel Society, Aug. 8th, 2014.
7. **Prize for Encouragement of International Exchange**, The Ceramic Society of Japan, Jun. 7th, 2013.
8. **Excellent Poster Award**, 8th Asian Meeting on Electroceramics (AMEC-8), Local Organizing Committee of the AMEC-8 & Universiti Sains Malaysia, Jul. 3rd, 2012.
9. **Poster Presentation Award**, The 50th Anniversary Symposium on Basic Science of Ceramics, The Ceramic Society of Japan, Jan. 13th, 2012.
10. **Good Poster Presentation Award**, Annual Meeting of The Ceramic Society of Japan 2010, The Ceramic Society of Japan, Jun. 4th, 2010.
11. **Good Presentation Award**, World Young Fellow Meeting 2010, The Ceramic Society of Japan, Mar. 1st, 2010.
12. **Wakashachi Prize for Encouragement**, Aichi Prefecture, Feb. 16th, 2009.
13. **CSJ Student Presentation Award 2008**, The Chemical Society of Japan, May 8th, 2008.

Grants (21)

1. **Research Grant**, Foundation of Special Interest, Tatematsu Foundation, Aug. 2019 – Jul. 2022.
2. **Grant for Travel Expense**, Tokuyama Science Foundation, Aug. 2019.
3. **Grant-in-Aid for Scientific Research (C) 18K04701**, Japan Society for the Promotion of Science (JSPS), Apr 2018 – Mar 2021.

4. *Research Grant*, IKETANI Science and Technology Foundation, Apr. 2018.
5. *Grant for Travel Expense*, The NAGAI Foundation for Science & Technology, Jun. 2017.
6. *Research Activation Grant*, Toyohashi University of Technology, Jun. 2017 – Mar. 2018.
7. *Grant for Travel Expense*, Toyoaki Scholarship Foundation, Oct. 2016.
8. *Research Grant*, The Nitto Foundation, Oct. 2016 – Sep. 2017.
9. *Research Grant*, The Mazda Foundation, Oct. 2016 – Mar. 2018.
10. *Research Grant*, Foundation of Public Interest, Tatematsu Foundation, Aug. 2014 – Mar. 2015.
11. *Research Grant*, Nippon Sheet Glass Foundation for Materials Science and Engineering, May 2014 – Mar. 2015.
12. *Research Grant*, The Murata Science Foundation, Jun. 2012 – Mar. 2013.
13. *Collaboration Research Grant*, Network Joint Research Center for Advanced Materials and Devices, Apr. 2012 – Mar. 2013.
14. *Research Grant*, Tokai Foundation for Technology, Apr. 2012 – Mar. 2013.
15. *Research Grant*, The Ogasawara Foundation for the Promotion of Science & Engineering, Jan. 2012 – Dec. 2012.
16. *Adaptable and Seamless Technology Transfer Program through Target-driven R&D*, Japan Science and Technology Agency, Dec. 2011 – Jul. 2012.
17. *Research Activation Grant*, Toyohashi University of Technology, Jun. 2011 – Mar. 2012.
18. *Research Grant*, Izumi Science and Technology Foundation, Nov. 2010 – Oct. 2011.
19. *Grant for Travel Expense*, The Murata Science Foundation, Jun. 2010.
20. *Grant-in-Aid for Young Scientists (B) 22760539*, Japan Society for the Promotion of Science (JSPS), Apr 2010 – Mar 2013.
21. *Project Research Grant for Young Researcher*, Research Center for Future Technology in Toyohashi University of Technology, Sep 2009 – Mar 2012.
22. *Grant-in-Aid for Young Scientists (Start-up) 21860045*, Japan Society for the Promotion of Science (JSPS), Aug 2009 – Mar 2010.
23. *Research Activation Grant*, Toyohashi University of Technology, Jun 2009 - Mar 2010.

Invited Talks (25, including 13 international conferences)

1. **Go Kawamura**, “Liquid phase fabrication of multiferroic nanocomposite films,” The 20th International Sol-Gel Conference, St. Petersburg, Russia (2019.8.25-30).
2. **Go Kawamura**, “Liquid phase preparation of multiferroic nanocomposite films and their characteristics,” 4th Thermoelectric Conversion Film and Its Fabrication Process, Nagoya, Japan (in Japanese, 2019.8.22).
3. **Go Kawamura**, “Liquid phase synthesis of multiferroic composite with nano-periodic structure and its characteristic,” 17th Sol-Gel Symposium, Tokyo, Japan (in Japanese, 2019.8.5-6).
4. **Go Kawamura**, “Multiferroic BaTiO₃-CoFe₂O₄ nanocomposite prepared via affordable liquid phase processes,” Collaborative Conference on Materials Research 2019, Gyeonggi/Goyang, Seoul, South

Korea (2019.6.3-7).

5. **Go Kawamura**, "Liquid phase fabrication of BaTiO₃-CoFe₂O₄ composite with nano periodic structure," Collaborative Conference on Materials Research 2018, Incheon/Seoul, South Korea (2018.6.25-29).
6. **Go Kawamura**, Atsunori Matsuda, Aldo R. Boccaccini, "Liquid phase preparation of BaTiO₃ nanotube arrays and their composite with CoFe₂O₄," 7th International Congress of Ceramics, Foz do Iguacu, Brazil (2018.6.17-21).
7. **Go Kawamura**, "Introduction of University and Research," *Lecture Meeting for future collaboration*, Duy Tan University, Da Nang, Viet Nam (2017,5,23-25).
8. **Go Kawamura**, "Recent study on dye-sensitized solar cells," 4th EIIRIS intelligent sensor and MEMS workshop, Toyohashi, Japan (in Japanese, 2018.5.22).
9. **Go Kawamura**, "UV-Vis-NIR light-responsive high-efficient plasmonic photocatalyst composed of TiO₂ and Au nanoparticles," *BIT's 3rd annual World Congress of Smart Materials-2017 (WCSM-2017)*, Bangkok, Thailand (2017.3.16-18)
10. **Go Kawamura**, Tomoki Arai, Teruhisa Okuno, Hiroyuki Muto, Atsunori Matsuda, "Redox site visualization in plasmonic photocatalyst composed of TiO₂ and Au nanoparticles," *41st International Conference and Expo on Advanced Ceramics and Composite (ICACC-2017) (6th Global Young Investigator Forum)*, Daytona Beach, FL, USA (2017.1.23-27)
11. **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, "Liquid phase syntheses and performance evaluation of plasmonic photocatalysts and electrode of dye-sensitized solar cells," *2016 academic meeting of Tokai Branch of Ceramic Society of Japan*, Meijo University, Tempaku, Japan (in Japanese, 2016.12.10).
12. **Go Kawamura**, "Liquid phase syntheses and applications of inorganic nanostructures deposited with noble metal nanoparticles," *11th Plasmonic Chemistry Society*, Tokyo Metropolitan University, Akihabara, Japan (in Japanese, 2016.11.11).
13. **Go Kawamura**, "Control of Nanostructures and Photo-Related Properties of Composites of Metal Oxide and Metal Nanoparticles," *2016 annual meeting of Ceramic Society of Japan*, Waseda University, Nishiwaseda, Japan (in Japanese, 2016.3.14-16).
14. **Go Kawamura**, "Mechanisms of Photocatalyses by Au Nanoparticle-Deposited Mesoporous Silica-Titania," *2016 annual meeting of Ceramic Society of Japan, Forefront of nanomaterial science organized by hybrid material science society*, Waseda University, Nishiwaseda, Japan (in Japanese, 2016.3.14).
15. **Go Kawamura**, "Deposition of Morphology-Controlled Noble Metal Nanoparticles Using Metal Oxide Templates with Ordered Mesopores," *International Conference on Spectroscopy & Materials Science (ICS&M-2015)*, Duy Tan University, Da Nang, Viet Nam (2015,11,17-19).
16. **Go Kawamura**, "Nanocomposite of Metal Nanoparticles and Metal Oxides Prepared through Liquid-Phase Synthesis," *XVIII International Sol-Gel Conference (Sol-Gel 2015)*, Mielparque and Hotel Granvia Kyoto, Kyoto, Japan (2015.9.6-11).
17. **Go Kawamura**, Okuno Teruhisa, Hiroyuki Muto, Atsunori Matsuda, "Photocatalytic Performance of Gold-Deposited Mesoporous Silica-Titania under UV and Visible Light Illumination," *International*

Symposium for Advanced Materials Research (ISAMR2015), Sun Moon Lake, Taiwan (2015.8.16-20).

18. **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, “Noble Metal Nanoparticle-Deposited Mesoporous Oxides for Photocatalysts and Photovoltaics,” *4th International Symposium on Ceramics Nanotune Technology (ISCeNT4)*, Nagoya Institute of Technology, Nagoya, Japan (2015.3.2-4).
19. **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, “Ag Nanoparticle Deposition on TiO₂ Nanostructures for Efficient Photoelectric Conversion,” *The Energy, Materials, and Nanotechnology (EMN) Ceramics Meeting 2015*, Double Tree by Hilton Orlando at SeaWorld, Orlando, FL, USA (2015.1.26-29).
20. **Go Kawamura**, “Hybrid Materials Composed of Mesoporous Oxides and Metal Nanoparticles, and the Light Energy Conversion,” *The Ceramic Society of Japan The 27th Fall Meeting*, Kagoshima University, Korimoto, Japan (in Japanese, 2014.9.9-11).
21. **Go Kawamura**, “Deposition of Metal Nanoparticles onto Oxides with Tubular Mesopores and the Functionality of the Composite,” *2014 annual meeting of Ceramic Society of Japan, 2nd symposium on chemical field*, Keio University, Kanagawa, Japan (in Japanese, 2014.3.17-19).
22. **Go Kawamura**, “Synthesis of Shape-Controlled Noble Metal Nanoparticles Using Soft and Hard Templates,” *2nd symposium on novel functional particles prepared using high-level accumulation technique of nanomaterials and fabrication of innovative composite materials*, Nagoya innovation hub, Aichi, Japan (in Japanese, 2012.10.19).
23. **Go Kawamura**, “Synthesis of Metal Nanoparticles and the Composites with Amorphous Matrices,” *Summer young seminar of glass division*, Kyoto Seminar House, Kyoto, Japan (in Japanese, 2012.8.1-3).
24. **Go Kawamura**, “Liquid Phase Synthesis of Morphology-Controlled Metal Nanoparticles and Their Assemblies,” *Lecture meeting*, University Sains Malaysia. Penang, Malaysia (2012.3.12-14).
25. **Go Kawamura**, “SPR and SERS Properties of Metal Nanoparticles Prepared by Liquid Phase Synthesis,” *Symposium on high level control of high speed nonlinear optical glasses for all-optical information transfer and processing*, Nagoya Institute of Technology, Aichi, Japan (in Japanese, 2010.10.29).

Peer-reviewed papers (117, including 29 first-author papers, *h*-index: 20 (by Google Scholar))

1. **Go Kawamura**, Kentaro Oura, Wai Kian Tan, Taichi Goto, Yuichi Nakamura, Daisaku Yokoe, Francis Leonard Deepak, Khalil El Hajraoui, Xing Wei, Mitsuteru Inoue, Hiroyuki Muto, Kazuhiro Yamaguchi, Aldo R. Boccaccini, and Atsunori Matsuda, “Nanotube array-based barium titanate-cobalt ferrite composite film for affordable magnetoelectric multiferroics,” *Journal of Materials Chemistry C*, **Accepted**.
2. Wai Kian Tan, Norio Hakiri, Atsushi Yokoi, **Go Kawamura**, Atsunori Matsuda, and Hiroyuki Muto, “Controlled microstructure and mechanical properties of Al₂O₃-based nanocarbon composites fabricated by electrostatic assembly method,” *Nanoscale Research Letters*, **14**, 245(7pp) (2019).
3. Kyaw Zay Ya, Pascal Nbelayim, Takuya Kikuchi, Keiichiro Maegawa, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Effect of mixed alkali metal ions in highly proton conductive K/Cs-hydrogen

- sulfate-phosphotungstic acid composites prepared by mechanical milling,” *Solid State Ionics*, **340**, 115022(8pp) (2019).
4. Keiichiro Maegawa, Kyaw Zay Ya, Wai Kian Tan, **Go Kawamura**, Toshiaki Hattori, Hiroyuki Muto, and Atsunori Matsuda, “Enhancement of interfacial property by novel solid ionomer CsHSO₄-H₄SiW₁₂O₄₀ for the three-phase interface of a medium-temperature anhydrous fuel cell,” *Materials Letters*, **253**, 201-204 (2019).
 5. Kyaw Zay Ya, Pascal Nbelayim, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Anhydrous proton conductive xCHS-(1-x)WSiA composites prepared via liquid-phase shaking,” *Solid State Ionics*, **337**, 1-6 (2019).
 6. Wai Kain Tan, Yuya Wada, Kazushi Hayashi, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Fabrication of an all-solid-state Zn-air battery using electroplated Zn on carbon paper and KOH-ZrO₂ solid electrolyte,” *Applied Surface Science*, **487**, 343-348 (2019).
 7. Wai Kain Tan, Kenta Asami, Yasutaka Maeda, Kazushi Hayashi, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Facile formation of Fe₃O₄-particles decorated carbon paper and its application for all-solid-state rechargeable Fe-air battery,” *Applied Surface Science*, **486**, 257-264 (2019).
 8. Wai Kain Tan, Yuichiro Shigeta, Atsushi Yokoi, **Go Kawamura**, Atsunori Matsuda, and Hiroyuki Muto, “Investigation of the anchor layer formation on different substrates and its feasibility for optical properties control by aerosol deposition,” *Applied Surface Science*, **483**, 212-218 (2019).
 9. Takaya Kuwana, Wai Kian Tan, Atsushi Yokoi, **Go Kawamura**, Atsunori Matsuda, and Hiroyuki Muto, “Fabrication of carbon-decorated Al₂O₃ composite powders using cellulose nanofiber for selective laser sintering,” *Journal of the Japan Society of Powder and Powder Metallurgy*, **66**(4), 168-173 (2019).
 10. Reda El-Shater, **Go Kawamura**, Fatma Fakhry, Tallat Meaz, Mohamed Abd Amer, and Atsunori Matsuda, “Structural phase transition of spinel to hematite of as-prepared Fe²⁺-Cr nanoferrites by sintering temperature,” *Measurement: Journal of the International Measurement Confederation*, **132**, 272-281 (2019).
 11. **Go Kawamura**, Kazuhiro Ohara, Wai Kian Tan, Taichi Goto, Yuichi Nakamura, Mitsuteru Inoue, Hiroyuki Muto, Kazuhiro Yamaguchi, Aldo R. Boccaccini, and Atsunori Matsuda, “Multiferroic nanocomposite fabrication via liquid phase using anodic alumina template,” *Science and Technology of Advanced Materials*, **19**(1), 535-542 (2018).
 12. Muhammad Afiq Zulkifli, Nurulhuda Bashirorm, Wai Kian Tan, **Go Kawamura**, Atsunori Matsuda, Zainovia Lockman, “Rapid TiO₂ nanotubes formation in aged electrolyte and their application as photocatalysts for Cr(VI) reduction under visible light,” *IEEE Transactions on Nanotechnology*, **17**(6)8374900, 1106-1110 (2018).
 13. Kyaw Zay Ya, Keisuke Kumazawa, **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, “Cell performance enhancement with titania-doped polybenzimidazole based composite membrane in intermediate temperature fuel cell under anhydrous condition,” *Journal of the Ceramic Society of Japan*, **126**(10), 789-793 (2018).

14. Nurulhuda Bashirorm, Tan Wai Kian, **Go Kawamura**, Atsunori Matsuda, Khairunisak Abdul Razak, Zainovia Lockman, "Sunlight activate anodic freestanding ZrO₂ nanotube arrays for Cr(VI) photoresuction," *Nanotechnology*, **29**(37), 375701(13pp) (2018).
15. Eka Cahya Prima, Brian Yulianto, Ahmad Nuruddin, **Go Kawamura**, Atsunori Matsuda, "A combined spectroscopic and TDDFT study of single-double anthocyanins for application in dye-sensitized solar cell," *New Journal of Chemistry*, **42**, 11616-11628 (2018).
16. Pascal Nbelayim, **Go Kawamura**, Wai Kian Tan, Hiroyuki Muto, and Atsunori Matsuda*, "Ag@TiO₂ nanowires-loaded dye-sensitized solar cells and their effect on the various performance parameters of DSSCs," *Journal of The Electrochemical Society*, **165**(9), H500-H509 (2018).
17. **Go Kawamura**, Kazuhiro Ohara, Wai Kian Tan, Hiroyuki Muto, Kazuhiro Yamaguchi, Aldo R. Boccaccini, and Atsunori Matsuda, "Sol-gel template synthesis of BaTiO₃ films with nano-periodic structure," *Materials Letters*, **227**, 120-123 (2018).
18. **Go Kawamura**, Tomoki Arai, Hiroyuki Muto, and Atsunori Matsuda, "Charge behavior in plasmonic photocatalyst composed of Au and TiO₂," *Catalysis Science & Technology*, **8**, 1813-1818 (2018).
19. Wai Kian Tan, Kentaro Oura, **Go Kawamura**, Aldo R. Boccaccini, and Atsunori Matsuda, "Preparation of BaTiO₃ nanotube arrays, CoFe₂O₄ nanoparticles and their composites," *ECS Transactions*, **82**, 51-57 (2018).
20. Pascal Nbelayim, **Go Kawamura**, Mohamed Mubark Abdel-Galeil, Wai Kian Tan, Xing Wei, Hiroyuki Muto, and Atsunori Matsuda, "Effects of multi-sized and -shaped Ag@TiO₂ nanoparticles on the performance of plasmonic dye-sensitized solar cells," *Journal of the Ceramic Society of Japan*, **126**, 139-151 (2018).
21. Mohamed Abd Amer, Atsunori Matsuda, **Go Kawamura**, Reda El-Shater, Tallat Meaz, and Fatma Fakhry, "Structural, magnetic, vibrational and optical studies of structure transformed spinel Fe²⁺-Cr nano-ferrites by sintering process," *Journal of Alloys and Compounds*, **735**, 975-985 (2018).
22. Mohamed Abd Amer, Atsunori Matsuda, **Go Kawamura**, Tallat Meaz, Reda El-Shater, and Fatma Fakhry, "Sintering effect on magnetite-to-hematite structural conversion of as-prepared Fe²⁺Cr_{0.2}Fe_{1.8}O₄ nano-ferrites," *Key Engineering Materials*, **765**, 24-29 (2018).
23. Pascal Nbelayim, **Go Kawamura**, Wai Kian Tan, Hiroyuki Muto, and Atsunori Matsuda, "Systematic characterization of the effect of Ag@TiO₂ nanoparticles on the performance of plasmonic dye-sensitized solar cells," *Scientific Reports*, **7**, 15690_1-12 (2017).
24. Wai Kian Tan, Takuya Ito, **Go Kawamura**, Hiroyuki Muto, Zainovia Lockman, and Atsunori Matsuda, "Controlled facile fabrication of plasmonic enhanced Au-decorated ZnO nanowire arrays dye-sensitized solar cells," *Materials Today Communications*, **13**, 354-358 (2017).
25. Pascal Nbelayim, Hisatoshi Sakamoto, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Preparation of hermally and chemically robust superhydrophobic coating from liquid phase deposition and low voltage reversible electrowetting," *Thin Solid Films*, **636**, 273-282 (2017).

26. Mohamed Abd Amer, Atsunori Matsuda, **Go Kawamura**, Reda El-Shater, Tallat Meaz, and Fatma Fakhry, "Characterization and structural and magnetic studies of as-synthesized $\text{Fe}^{2+}\text{Cr}_x\text{Fe}_{(2-x)}\text{O}_4$ nanoparticles," *Journal of Magnetism and Magnetic Materials*, **439**, 373-383 (2017).
27. Amira Hassanein, Nehal Salahuddin, Atsunori Matsuda, **Go Kawamura**, and Mona Elfiky, "Fabrication of biosensor based on chitosan-ZnO/polypyrrole nanocomposite modified carbon paste electrode for electroanalytical application," *Materials Science and Engineering: C*, **80**, 494-501 (2017).
28. Yusuke Daiko, Jochen Schmidt, **Go Kawamura**, Stefan Romeis, Doris Segets, Yuji Iwamoto, and Wolfgang Peukert, "Mechanochemically induced sulfur doping in ZnO via oxygen vacancy formation," *Physical Chemistry Chemical Physics*, **19**, 13838-13845 (2017).
29. Nyein Nyein, Wai Kian Tan, **Go Kawamura**, Atsunori Matsuda, and Zainovia Lockman, "TiO₂ nanotube arrays formation in fluoride/ethylene glycol electrolyte containing LiOH or KOH as photoanode for dye-sensitized solar cell," *Journal of Photochemistry and Photobiology A: Chemistry*, **343**, 33-39 (2017).
30. Shota Azuma, Hideto Yamada, **Go Kawamura**, Hiroyuki Muto, Takanori Mizushima, and Atsunori Matsuda, "Development of multilayer coating system based on electrophoretic deposition process," *Journal of the Ceramic Society of Japan*, **125**, 317-321 (2017).
31. Shota Azuma, Kota Aiyama, **Go Kawamura**, Hiroyuki Muto, Takanori Mizushima, Tetsuo Uchikoshi, and Atsunori Matsuda, "Colloidal processing of Li₂S-P₂S₅ films fabricated via electrophoretic deposition methods and their characterization as a solid electrolyte for all solid state lithium ion batteries," *Journal of the Ceramic Society of Japan*, **125**, 287-292 (2017).
32. Monna Rozana, Nurul Izza Soaid, Tan Wai Kian, **Go Kawamura**, Atsunori Matsuda, and Zainovia Lockman, "Photocatalytic performance of freestanding tetragonal zirconia nanotubes formed in H₂O₃/NH₄F/ethylene glycol electrolyte by anodisation of zirconium," *Nanotechnology*, **28**, 155604_1-15 (2017).
33. Xing Wei, Pascal Sugri Nbelayim, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Ag nanoparticle-filled TiO₂ nanotube arrays prepared by anodization and electrophoretic deposition for dye-sensitized solar cells," *Nanotechnology*, **28**, 135207_1-8 (2017).
34. Kazushi Hayashi, Yasutaka Maeda, Tsubasa Suzuki, Hisatoshi Sakamoto, Toshihiro Kugimiya, Wai Kian Tan, **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, "Development of iron-based rechargeable batteries with sintered porous iron electrodes," *ECS Transactions*, **75**[18], 111-116 (2017).
35. Nyein Nyein, Wai Kian Tan, **Go Kawamura**, Atsunori Matsuda, and Zainovia Lockman, "Anodic Ag/TiO₂ nanotube array formation in NaOH/fluoride/ethylene glycol electrolyte as a photoanode for dye-sensitized solar cells," *Nanotechnology*, **27**, 355605_1-11 (2016).
36. Mustaffa Ali Azhar Taib, **Go Kawamura**, Atsunori Matsuda, Mariatti Jaafar, Khairunisak Abdul Razak, and Zainovia Lockman, "Synthesis of TiO₂ nanotube arrays in NaOH added ethylene glycol electrolyte and the effect of annealing temperature on the nanotube arrays to their photocurrent performance," *Key Engineering Materials*, **701**, 28-32 (2016).

37. **Go Kawamura**, “Au/Ag nanoparticle-deposited SiO₂/TiO₂ porous supports with various localized surface plasmon resonance-related properties,” *Journal of Ceramic Society of Japan*, **124**, 757-762 (2016).
38. Xing Wei, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Fabrication on low voltage driven electrowetting liquid lens by dip coating processes,” *Thin Solid Films*, **608**, 16-20 (2016).
39. Teruhisa Okuno, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Photocatalytic properties of Au-deposited mesoporous SiO₂-TiO₂ photocatalyst under simultaneous irradiation of UV and visible light,” *Journal of Solid State Chemistry*, **235**, 132-138 (2016).
40. **Go Kawamura**, Keisuke Ikeda, Takuya Ito, Hiroyuki Muto, Pang Boey Lim, Mitsuteru Inoue, and Atsunori Matsuda, “Reversible change of diffraction efficiency in Cl-containing 3-glycidoxypropyl silsesquioxane films co-doped with Ag and Cu,” *Journal of Ceramic Society of Japan*, **124**, 150-154 (2016).
41. **Go Kawamura**, “Ag-doped inorganic-organic hybrid films for rewritable hologram memory application,” *Journal of Sol-Gel Science and Technology*, **79**, 374-380 (2016).
42. **Go Kawamura**, Samuel Alvarez, Ian E. Stewart, Matthew Catenacci, Zuofeng Chen, and Yoon-Cheol Ha, “Production of oxidation-resistant Cu-based nanoparticles by wire explosion,” *Scientific Reports*, **5**, 18333_1-8 (2015).
43. Reda E. El-Shater, Mohamed M. Abdel-Galeil, **Go Kawamura**, and Atsunori Matsuda, “Spacer thickness-dependent electron transport performance of titanium dioxide thick film for dye-sensitized solar cells,” *Journal of Nanomaterials*, **2015**, 680201_1-9 (2015).
44. **Go Kawamura** and Atsunori Matsuda, “Titania-based functional nanocomposite materials fabricated by liquid processes,” *Journal of the Ceramic Society of Japan*, **123**[7], 517-522 (2015). (**Award of the Outstanding Review**)
45. **Go Kawamura**, Hayato Ohmi, Wai Kian Tan, Zainovia Lockman, Hiroyuki Muto, and Atsunori Matsuda, “Ag nanoparticle deposited TiO₂ nanotube arrays for electrodes of dye-sensitized solar cells,” *Nanoscale Research Letters*, **10**, 219_1-6 (2015).
46. Teruhisa Okuno, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Three modes of high-efficient photocatalysis using composites of TiO₂-nanocrystallite-containing mesoporous SiO₂ and Au nanoparticles,” *Journal of Sol-Gel Science and Technology*, **74**, 748-755 (2015).
47. Wai Kian Tan, **Go Kawamura**, Hiroyuki Muto, Khairunisak Abdul Razak, Zainovia Lockman, and Atsunori Matsuda, “Blue-Emitting Photoluminescence of Rod-Like and Needle-Like ZnO Nanostructures Formed by Hot-Water Treatment of Sol-Gel Derived Coatings,” *Journal of Luminescence*, **158**, 44-49 (2015).
48. Monna Rozana, Khairunisak Abdul Razak, **Go Kawamura**, Atsunori Matsuda, and Zainovia Lockman, “Formation of Aligned Iron Oxide Nanopores as Cr Adsorbent Material,” *Advanced Materials Research*, **1087**, 460-464 (2015).
49. **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, “Hard Template Synthesis of Metal Nanowires,” *Frontiers in Chemistry*, **2**, 104_1-4 (2014).

50. Monna Rozana, Mustaffa Ali Azhar, Dede Miftahul Anwar, **Go Kawamura**, Khairunisak Abdul Razak, Atsunori Matsuda, and Zainovia Lockman, "Effect of Applied Voltage on the Formation of Self-organized Iron Oxide Nanoporous Film in Organic Electrolyte via Anodic Oxidation Process and their Photocurrent Performance," *Advanced Materials Research*, **1024**, 99-103 (2014).
51. Syahriza Ismail, Monna Rozana, Dede Miftahul Anwar, **Go Kawamura**, Atsunori Matsuda, and Zainovia Lockman, "Electrolyte Influence on the Morphologies of Anodic ZrO₂ Nanotube Arrays Formed by Anodization," *Advanced Materials Research*, **1024**, 104-107 (2014).
52. Xing Wei, Iki Mogami, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "A Wettability Tunable Surface of Nafion® with Controlling the Flip-Flop Property by DC Applied Voltage," *Key Engineering Materials*, **616**, 77-81 (2014).
53. Taku Tsuneishi, Takuma Esaki, Hisatoshi Sakamoto, Kazushi Hayashi, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Iron Composite Anodes for Fabricating All-Solid-State Iron–Air Rechargeable Batteries," *Key Engineering Materials*, **616**, 114-119 (2014).
54. Shota Azuma, **Go Kawamura**, Hiroyuki Muto, Noriyoshi Kakuta, and Atsunori Matsuda, "Preparation of layered double hydroxide and its graphene composite films as electrodes for photoelectrochemical cells," *Key Engineering Materials*, **616**, 129-133 (2014).
55. Adrian Ashari, Darren J. LeClere, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Study of Branched TiO₂ Nanotubes and Their Application to Dye Sensitized Solar Cells," *Journal of Ceramic Society of Japan*, **122**, 1-3 (2014).
56. Taku Tsuneishi, Hisatoshi Sakamoto, Kazushi Hayashi, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Preparation of Hydroxide Ion Conductive KOH-Layered Double Hydroxide Electrolytes for an All-Solid-State Iron-Air Secondary Battery," *Journal of Asian Ceramic Society*, **2**[2], 165-168 (2014).
57. **Go Kawamura**, Tomoyuki Ema, Hisatoshi Sakamoto, Xing Wei, Hiroyuki Muto, and Atsunori Matsuda, "Spontaneous Changes in Contact Angle of Water and Oil on Novel Flip-Flop-Type Hydrophobic Multilayer Coatings," *Applied Surface Science*, **298**, 142-146 (2014).
58. Wai Kian Tan, Leow Cheah Li, Khairunisak Abdul Razak, **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, and Zainovia Lockman, "Formation of Two-Dimensional ZnO Nanosheets by Rapid Thermal Oxidation in Oxygenated Environment," *Journal of Nanoscience and Nanotechnology*, **14**[4], 2960-2967 (2014).
59. **Go Kawamura**, Teruhisa Okuno, Hiroyuki Muto, and Atsunori Matsuda, "Visible-Light-Induced Photocatalysis of 2D-Hexagonal Mesoporous SiO₂-TiO₂ Deposited with Au Nanoparticles," *Journal of Nanoscience and Nanotechnology*, **14**[3], 2225-2230 (2014).
60. Wai Kian Tan, Khairunisak Abdul Razak, Zainovia Lockman, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Synthesis of ZnO Nanorod-Nanosheet Composite via Facile Hydrothermal Method and Their Photocatalytic Activities under Visible-Light Irradiation," *Journal of Solid State Chemistry*, **211**, 146-153 (2014).

61. Jun-ichi Hamagami, Ryo Araki, Shohei Onimaru, **Go Kawamura**, and Atsunori Matsuda, "Influence of Catalyst Loading Method on Titania-Based Optical Hydrogen Gas Sensing Properties," *Key Engineering Materials*, **582**, 210-213 (2014).
62. Nguyen H. H. Phuc, Teruhisa Okuno, Norio Hakiri, **Go Kawamura**, Atsunori Matsuda, Hiroyuki Muto, "Synthesis of High-Edge Exposure MoS₂ Nano Flakes," *Journal of Nanoparticle Research*, **16**[1], 2199 (2014).
63. Teruhisa Okuno, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Fabrication of Shape-Controlled Au Nanoparticles in a TiO₂-Containing Mesoporous Template using UV Irradiation and Their Shape-Dependent Photocatalysis," *Journal of Materials Science and Technology*, **30**[1], 8-12 (2014).
64. Wai Kian Tan, Khairunisak Abdul Razak, Zainovia Lockman, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Enhanced Dye-Sensitized Solar Cells Performance of ZnO Nanorod Arrays Grown by Low-Temperature Hydrothermal Reaction," *International Journal of Energy Research*, **37**, 1992-2000 (2013).
65. Song-Yul Oh, Takuya Kikuchi, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Proton Conductive Composite Electrolytes in the KH₂PO₄-H₃PW₁₂O₄₀ System for H₂/O₂ Fuel Cell Operation," *Applied Energy*, **112**, 1108-1114 (2013).
66. Wai Kian Tan, Khairunisak Abdul Razak, Zainovia Lockman, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Photoluminescence Properties of Rod-Like Ce-Doped ZnO Nanostructured Films Formed by Hot-Water Treatment of Sol-Gel Derived Coating," *Optical Materials*, **35**[11], 1902-1907 (2013).
67. **Go Kawamura**, Ryota Yoshimura, Kazunari Ota, Song-Yul Oh, Hiroyuki Muto, Tomokatsu Hayakawa, and Atsunori Matsuda, "Extraction of Nd³⁺-doped LiYF₄ phosphor from sol-gel-derived oxyfluoride glass ceramics by hydrofluoric acid treatment," *Optical Materials*, **35**[11], 1879-1881 (2013).
68. Jun-ichi Hamagami, Shohei Onimaru, Ryo Araki, **Go Kawamura**, and Atsunori Matsuda, "Low-Temperature Processing and Optical Hydrogen Gas Sensing Property of Pd-Loaded Titania Coating onto Flexible Plastic Substrate," *Key Engineering Materials*, **566**, 249-252 (2013).
69. Wai Kian Tan, Khairunisak Abdul Razak, Zainovia Lockman, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Optical Properties of Two-Dimensional ZnO Nanosheets Formed by Hot-Water Treatment of Zn Foils," *Solid State Communications*, **162**, 43-47 (2013).
70. Mun Teng Soo, **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, Zainovia Lockman, and Kuan Yew Cheong, "Fabrication of Well-Crystallized Mesoporous ZrO₂ Thin Films via Pluronic P123 Templated Sol-Gel Route," *Ceramics Internationals*, **39**[1], S437-S440 (2013).
71. Atsunori Matsuda, Hisatoshi Sakamoto, Mohd Arif Bin Mohd Nor, **Go Kawamura**, and Hiroyuki Muto, "Characterization and Film Properties of Electrophoretically Deposited Nanosheets of Anionic Titanate and Cationic MgAl-Layered Double Hydroxide," *Journal of Physical Chemistry B*, **117**[6], 1724-1730 (2013).

72. **Go Kawamura**, Ryota Yoshimura, Kazunari Ota, Song-Yul Oh, Norio Hakiri, Hiroyuki Muto, Tomokatsu Hayakawa, and Atsunori Matsuda, "A Unique Approach to Characterization of Sol-Gel-Derived Rare-Earth-Doped Oxyfluoride Glass Ceramics," *Journal of the American Ceramic Society*, **96**[2], 476-480 (2013).
73. **Go Kawamura**, Masayuki Nogami, and Atsunori Matsuda, "Shape-Controlled Metal Nanoparticles and their Assemblies with Optical Functionalities," *Journal of Nanomaterials*, **2013**, 631350_1-17 (2013).
74. Warapong Krengvirat, Srimala Sreekantan, Ahmad-Fauzi Mohd Noor, Nobuaki Negishi, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Low-Temperature Crystallization of TiO₂ Nanotube Arrays via Hot Water Treatment and Their Photocatalytic Properties under Visible-Light Irradiation," *Materials Chemistry and Physics*, **137**[3], 991-998 (2013).
75. Warapong Krengvirat, Srimala Sreekantan, Ahmad-Fauzi Mohd Noor, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Single-Step Growth of Carbon and Potassium-Embedded TiO₂ Nanotube Arrays for Efficient Photoelectrochemical Hydrogen Generation," *Electrochimica Acta*, **89**, 585-593 (2013).
76. Mun Teng Soo, **Go Kawamura**, Hiroyuki Muto, Atsunori Matsuda, Zainovia Lockman, and Kuan Yew Cheong, "Design of Hierarchically Meso-Macroporous Tetragonal ZrO₂ Thin Films with Tunable Thickness by Spin-Coating via Sol-Gel Template Route," *Microporous and Mesoporous Materials*, **167**, 198-206 (2013).
77. Wai Kian Tan, Khairunisak Abdul Razak, Zainovia Lockman, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Formation of Highly Crystallized ZnO Nanostructures by Hot-Water Treatment of Etched Zn Foils," *Materials Letters*, **91**, 111-114 (2013).
78. Song-Yul Oh, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Mechanochemical Synthesis of Proton Conductive Composites Derived from Cesium Dihydrogen Phosphate and Guanine," *Solid State Ionics*, **225**, 223-227 (2012).
79. Song-Yul Oh, Keisuke Kawai, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Characterization of Mechanochemically Synthesized MHSO₄-H₄SiW₁₂O₄₀ Composites (M = K, NH₄, Cs)," *Materials Research Bulletin*, **47**[10], 2931-2935 (2012).
80. Song-Yul Oh, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Anhydrous Protic Conduction of Mechanochemically Synthesized CsHSO₄-Azole-Derived Composites," *Electrochimica Acta*, **75**, 11-19 (2012).
81. Warapong Krengvirat, Srimala Sreekantan, Ahmad-Fauzi Mohd Noor, Nobuaki Negishi, Song-Yul Oh, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Carbon-Incorporated TiO₂ Photoelectrodes Prepared via Rapid-Anodic Oxidation for Efficient Visible-Light Hydrogen Generation," *International Journal of Hydrogen Energy*, **37**[13], 10046-10056 (2012).
82. Warapong Krengvirat, Srimala Sreekantan, Ahmad-Fauzi Mohd Noor, Charoen Chinwanitcharoen, **Go Kawamura**, and Atsunori Matsuda, "Control of the Structure, Morphology and Dielectric Properties of Bismuth Titanate Ceramics by Praseodymium Substitution Using an Intermediate Fuel Agent-Assisted Self-Combustion Synthesis," *Journal of Materials Science*, **47**[9], 4019-4027 (2012).

83. Zainovia Lockman, Khairunisak Abdul Razak, Tan Kah Huat, Tan Wai Kian, Leow Cheah Li, **Go Kawamura**, and Atsunori Matsuda, "Formation of 1-Dimensional (1D) and 3-Dimensional (3D) ZnO Nanostructures by Oxidation and Chemical Methods," *Materials Science and Engineering Technology*, **43**[5], 457-460 (2012).
84. Mun Teng Soo, Niki Prastomo, Atsunori Matsuda, **Go Kawamura**, Hiroyuki Muto, Ahmad-Fauzi Mohd Noor, Zainovia Lockman, and Kuan Yew Cheong, "Elaboration and Characterization of Sol-Gel Derived ZrO₂ Thin Films Treated With Hot Water," *Applied Surface Science*, **258**[13], 5250-5258 (2012).
85. **Go Kawamura**, Ikuo Hayashi, Hiroyuki Muto, and Atsunori Matsuda, "Anisotropically Assembled Gold Nanoparticles Prepared Using Unidirectionally Aligned Mesochannels of Silica Film," *Scripta Materialia*, **66**[7], 479-482 (2012).
86. **Go Kawamura**, Teruhisa Okuno, Hiroyuki Muto, and Atsunori Matsuda, "Selective Preparation of Zero and One-Dimensional Gold Nanostructures in a TiO₂ Nanocrystal-Containing Photoactive Mesoporous Template," *Nanoscale Research Letters*, **7**[1], 27_1-8 (2012).
87. Hisatoshi Sakamoto, M. Arif M. Nor, N. Hana B. Zakaria, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Low Temperature Fabrication of Titanium Oxide Composite Films by Hot-Water Treatment and Application for Dye-Sensitized Solar Cells," *Electrochemistry*, **79**[10], 1-4 (2011).
88. Atsunori Matsuda, Song-Yul Oh, Van Hai Nguyen, Yusuke Daiko, **Go Kawamura**, and Hiroyuki Muto, "Anhydrous Proton Conductivity of KHSO₄-H₃PW₁₂O₄₀ Composites and the Correlation with Hydrogen Bonding Distance under Ambient Pressure," *Electrochimica Acta*, **56**[25], 9364-9369 (2011).
89. **Go Kawamura**, Mai Murakami, Teruhisa Okuno, Hiroyuki Muto, and Atsunori Matsuda, "Length Control of Ag Nanorods in Mesoporous SiO₂-TiO₂ by Light Irradiation," *RSC Advances*, **1**[4], 584-587 (2011).
90. **Go Kawamura**, Yuuki Tsurumi, Hiroyuki Muto, Mototsugu Sakai, Mitsuteru Inoue, and Atsunori Matsuda, "Reversible Conversion between AgCl and Ag in AgCl-Doped RSiO_{3/2}-TiO₂ Films Prepared by a Sol-Gel Technique," *Materials Chemistry and Physics*, **130**[1-2], 264-269 (2011).
91. Niki Prastomo, Nor Hana bint Zakaria, **Go Kawamura**, Hiroyuki Muto, Mototsugu Sakai, and Atsunori Matsuda, "High Surface Area BaZrO₃ Photocatalyst Prepared by Base-Hot-Water Treatment," *Journal of the European Ceramic Society*, **31**[14], 2699-2705 (2011).
92. Song-Yul Oh, Evan Kamaratul Insani, Van Hai Nguyen, **Go Kawamura**, Hiroyuki Muto, Mototsugu Sakai, and Atsunori Matsuda, "Mechanochemically Synthesized CsH₂PO₄-H₃PW₁₂O₄₀ Composites as Proton Conducting Electrolytes for Fuel Cell Systems in Dry Atmosphere," *Science and Technology of Advanced Materials*, **12**[3], 034402_1-6 (2011).
93. Jun-ichi Hamagami, Ryo Araki, Shohei Onimaru, Hiroyuki Oda, **Go Kawamura**, and Atsunori Matsuda, "Low Temperature Preparation and Optical Hydrogen Response of Pd/Titania Composite Film," *Key Engineering Materials*, **485**, 275-278 (2011).
94. **Go Kawamura**, Yuuki Tsurumi, Hiroyuki Muto, Mitsuteru Inoue, and Atsunori Matsuda, "Sol-Gel Synthesis of Novel Photosensitive Material with Advanced Holographic Properties," *Journal of the Ceramic Society of Japan*, **119**[6], 426-429 (2011).

95. Mun Teng Soo, **Go Kawamura**, Hiroyuki Muto, Kuan Yew Cheong, Zainovia Lockman, Ahmad Fauzi Mohd Noor, and Atsunori Matsuda, "Design and Synthesis of Mesoporous ZrO₂ Thin Films Using Surfactant Pluronic P123 via Sol-Gel Technique," *Journal of the Ceramic Society of Japan*, **119**[6], 517-521 (2011).
96. Yushi Tsutsui, Tomokatsu Hayakawa, **Go Kawamura**, and Masayuki Nogami, "Tuned Longitudinal Surface Plasmon Resonance and Third-Order Nonlinear Optical Properties of Gold Nanorods," *Nanotechnology*, **22**[27], 275203_1-7 (2011).
97. Niki Prastomo, Mohamad Ayad, **Go Kawamura**, and Atsunori Matsuda, "Synthesis and Characterization of Polyaniline Nanofiber/TiO₂ Nanoparticles Hybrids," *Journal of the Ceramic Society of Japan*, **119**[5], 342-345 (2011).
98. Zainovia Lockman, Syahriza Izmail, **Go Kawamura**, and Atsunori Matsuda, "Formation of Zirconia and Titania Nanotubes in Fluorine Contained Glycerol Electrochemical Bath," *Defect and Diffusion Forum*, **312-315**, 76-81 (2011).
99. Song-Yul Oh, Toshihiro Yoshida, **Go Kawamura**, Hiroyuki Muto, and Atsunori Matsuda, "Solid-State Mechanochemical Synthesis of CsHSO₄ and 1,2,4-Triazole Inorganic-Organic Composite Electrolytes for Dry Fuel Cells," *Electrochimica Acta*, **56**[5], 2364-2371 (2011).
100. **Go Kawamura**, Shizuka Sato, Hiroyuki Muto, Mototsugu Sakai, Pang Boey Lim, Kenjiro Watanabe, Mitsuteru Inoue, and Atsunori Matsuda, "AgBr Nanocrystal-Dispersed Silsesquioxane-Titania Hybrid Films for Holographic Materials," *Materials Letters*, **64**[23], 2648-2651 (2010).
101. Wai Kian Tan, Razak Khairunisak Abdul, Kamarulazizi Ibrahim, **Go Kawamura**, Jun-ichi Hamagami, Atsunori Matsuda, and Zainovia Lockman, "Formation of ZnO Nano and Sub-Micron-Rods by Chemical Process on Hot-Water Treated and Non-Treated Sol-Gel Coating," *Malaysian Journal of Microscopy*, **6**, 58-63 (2010).
102. Yong Yang, Masaki Tanemura, Zhengren Huang, Dongliang Jiang, Zhi-Yuan Li, Ying-Ping Huang, **Go Kawamura**, Kohei Yamaguchi, and Masayuki Nogami, "Aligned Gold Nanoneedle Arrays for Surface-Enhanced Raman Scattering," *Nanotechnology*, **21**[32], 325701_1-5 (2010).
103. **Go Kawamura**, Ikuo Hayashi, Rahmat Ali Fitrah, Hiroyuki Muto, Jun-ichi Hamagami, and Atsunori Matsuda, "Dimension- and Direction-Controlled Gold Nanorods Deposited in Ordered Mesoporous Silica," *Advances in Science and Technology*, **63**, 126-130 (2010).
104. Song-Yul Oh, Toshihiro Yoshida, **Go Kawamura**, Hiroyuki Muto, Mototsugu Sakai, and Atsunori Matsuda, "Inorganic-Organic Composite Electrolytes Consisting of Polybenzimidazole and Cs-Substituted Heteropoly Acids and Their Application for Medium Temperature Fuel Cell," *Journal of Materials Chemistry*, **20**[30], 6359-6366 (2010).
105. Song-Yul Oh, Toshihiro Yoshida, **Go Kawamura**, Hiroyuki Muto, Mototsugu Sakai, and Atsunori Matsuda, "Composite Electrolytes Composed of Cs-Substituted Phosphotungstic Acid and Sulfonated Poly(Ether-Ether Ketone) for Fuel Cell Systems," *Materials Science and Engineering B*, **173**[1-3], 99-104 (2010).

106. **Go Kawamura**, Shizuka Sato, Toshihiro Kogure, Yusuke Daiko, Hiroyuki Muto, Mototsugu Sakai, and Atsunori Matsuda, "Photoinduced Reduction and Heat-Induced Oxidation of Silver in Transparent $\text{RSiO}_{3/2}$ and $\text{RSiO}_{3/2}\text{-TiO}_2$ Films," *Physical Chemistry Chemical Physics*, **12**[25], 6859-6863 (2010).
107. Song-Yul Oh, Toshihiro Yoshida, **Go Kawamura**, Hiroyuki Muto, Mototsugu Sakai, and Atsunori Matsuda, "Proton Conductivity and Fuel Cell Property of Composite Electrolyte Containing Cs-Substituted Heteropoly Acids and Sulfonated Poly(Ether-Ether Ketone)," *Journal of Power Sources*, **195**[18], 5822-5828 (2010).
108. Masayuki Nogami, Ryosuke Koike, Randy Jalem, **Go Kawamura**, Yong Yang, and Yukichi Sasaki, "Synthesis of Porous Single-Crystalline Platinum Nanocubes Composed of Nanoparticles," *The Journal of Physical Chemistry Letters*, **1**[2], 568-571 (2010).
109. **Go Kawamura**, and Masayuki Nogami, "Application of a Conproportionation Reaction to a Synthesis of Shape-Controlled Gold Nanoparticles," *Journal of Crystal Growth*, **311**, 4462-4466 (2009).
110. **Go Kawamura**, Yong Yang, Koichiro Fukuda, and Masayuki Nogami, "Shape Control Synthesis of Multi-Branched Gold Nanoparticles," *Materials Chemistry and Physics*, **115**, 229-234 (2009).
111. **Go Kawamura**, Yong Yang, and Masayuki Nogami, "End-to-End Assembly of CTAB-Stabilized Gold Nanorods by Citrate Anions," *Journal of Physical Chemistry C*, **112**, 10632-10636 (2008).
112. Yong Yang, Jianlin Shi, **Go Kawamura**, and Masayuki Nogami, "Preparation of Au Ag, Ag Au Core Shell Bimetallic Nanoparticles for Surface-Enhanced Raman Scattering," *Scripta Materialia*, **58**[10], 862-865 (2008).
113. Masayuki Nogami, **Go Kawamura**, Lionel Dapvriil, and Kengo Goto, "New Hole-Burning Property of Eu^{3+} Ions Doped in Glasses," *Advanced Materials*, **19**, 2347-2350 (2007).
114. Masayuki Nogami, Tatsuki Hagiwara, **Go Kawamura**, El-Sayed Ghaith, and Tomokatsu Hayakawa, "Redox Equilibrium of Samarium Ions Doped in $\text{Al}_2\text{O}_3\text{-SiO}_2$ Glasses," *Journal of Luminescence*, **124**[2], 291-296 (2007).
115. **Go Kawamura**, Yong Yang, and Masayuki Nogami, "Facile Assembling of Gold Nanorods with Large Aspect Ratio and Their Surface Enhanced Raman Scattering Properties," *Applied Physics Letters*, **90**, 261906_1-3 (2007).
116. **Go Kawamura**, Tomokatsu Hayakawa, and Masayuki Nogami, "Effect of Counter Ions on the Reduction Process of Sm^{3+} Ions in $\text{TiO}_2\text{-ZrO}_2\text{-Al}_2\text{O}_3\text{-SiO}_2$ Glasses," *Journal of Alloys and Compounds*, **845**, 408-412 (2006).
117. Masayuki Nogami, **Go Kawamura**, Gil Jae Park, Hongpeng You, and Tomokatsu Hayakawa, "Effect of Al^{3+} and Ti^{4+} Ions on the Laser Reduction of Sm^{3+} Ion in Glass," *Journal of Luminescence*, **114**[3-4], 178-186 (2005).

The number of total citation: 1501 h-index: 20 (by Google Scholar on Jul 25th, 2019)

Language qualifications

TOEIC 915 (English test) (2016.4)

DELF A2 (French test) (2006.1)

Updated on Jul 2019