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EDUCATION

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|------------------------------------|-------|---|------|
| Tohoku University, Japan | Ph.D. | Engineering, Department of Materials Processing | 1997 |
| Graduate School, Tohoku University | M.S. | Engineering, Department of Materials Processing | 1990 |
| Tohoku University, Japan | B.D. | Department of Materials Science | 1987 |

PROFESSIONAL ACTIVITIES

- Jun 1990 - Mar 2003: Assistant Professor, Institute for Materials Research, Tohoku University.
- Jul 1997 - Jul 1999: JSPS fellow, Oak Ridge National Laboratory, USA.
- Apr 2003 - Mar 2005: Associate Professor, Institute for Materials Research, Tohoku University.
- Apr 2005 - Mar 2012: Associate Professor, Graduate School of Environmental Studies, Tohoku University.
- Apr 2012 - Mar 2013: Associate Professor, Graduate School of Engineering, Tohoku University.
- Apr 2013 - Present: Professor, Graduate School of Engineering, Tohoku University.

AWARD AND HONORS

- Sep 1996: 6th The Japan Institute of Metals and Materials Young Researcher Award
- Nov 2000: 40th THE HONDA MEMORIAL FOUNDATION Harada Young Research Award
- Mar 2010: 68th The Japan Institute of Metals and Materials Meritorious Award
- Sep 2015: 5th The Japan Institute of Metals and Materials Materia Japan Award
- Mar 2019: 58th The Japan Institute of Metals and Materials Tanikawa-Harris Award

MAIN SCIENTIFIC PUBLICATION

- X. Nan, S. Ida, N. Sekido, K. Yoshimi, J. H. Perepezko, Corros. Sci., 214 (2023), 110990.

- T. Kaneko, K. Yoshimi, Comput. Mater. Sci., 220 (2023), 112026.
- K. Maruyama, D. Dewees, F. Abe, K. Yoshimi, Int. J. Press. Vessel, 199 (2022), 104738.
- T. Takeda, W. Zhou, N. Nomura, K. Yoshimi, Mater. Sci. Eng. A, 839 (2022), 142848.
- T. Osanai, N. Sekido, M. Yonemura, K. Maruyama, M. Takeuchi, K. Yoshimi, Mater. Charact., 177 (2021), 111192.
- L. Zhu, S. Ida, G. Hasemann, M. Kruger, K. Yoshimi, Intermetallics, 132 (2021), 107131.
- T. Hatakeyama, S. Ida, N. Sekido, K. Yoshimi, Corros. Sci., 176 (2020), 108937.
- T. Hatakeyama, N. Sekido, K. Yoshimi, Corros. Sci, 166 (2020), 108418.
- G. Hasemann, S. Ida, L. Zhu, T. Iizawa, K. Yoshimi, M. Krüger, Mater. Des., 185 (2020), 108233.
- H. Fukuyama, R. Sawada, H. Nakashima, M. Ohtsuka, K. Yoshimi, Sci. Rep. 9 (2019), 15049.
- K. Sato, N. Sekido, K. Yoshimi, Mater. Sci. Eng. A, 754 (2019), 68-74.
- K. Maruyama, N. Sekido, K. Yoshimi, Mater. Sci. Eng. A, 749 (2019), 223-234.
- S. Y. Kamata, D. Kanekon, Y. Lu, N. Sekido, K. Maruyama, G. Eggeler, K. Yoshimi, Sci. Rep., 8(2018) 10487.
- S. Nakayama, N. Sekido, S. Uemura, S. Tsurekawa, K. Yoshimi, Mater. Trans., 59 (4) (2018), 518-527.
- W. Zhou, X. Sun, K. Kikuchi, N. Nomura, K. Yoshimi, A. Kawasaki, Mater. Design, 137(2018) 276-285.

RESEARCH INTERESTS

1. Development of Ultra-High Temperature Materials Based-on Refractory Metals & Ceramics for Ultra-High Temperature Applications
2. Development of Heat-Resistant High-Strength Titanium-based Alloys for Aviation and Transportation Applications
3. Design of Advanced Heat-Resistant Steels for High-Efficiency Power Generation
4. Analysis of High-Temperature Physical and Mechanical Properties of Intermetallic and Inorganic Compounds

(Please complete your Curriculum Vitae within 2 pages.)