

業績目録（末永智一）

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末永 智一 教授 業績目録

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末永智一

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最終所属	環境科学研究科・先端環境創成学専攻	
職名	教授	
生年	1954年	
学歴	東北大学薬学部	1976年卒業
	東北大学大学院薬学研究科修士課程	1978年修了
	東北大学大学院薬学研究科博士課程	1981年修了
学位	薬学博士（東北大学）	1981年
略歴	東北大学薬学部博士研究員	1981年
	米国ウイソコンシン大学博士研究員	1982年
	東北大学薬学部文部技官	1984年
	東北大学工学部助手	1986年
	東北大学工学部助教授	1988年
	東北大学大学院工学研究科教授	1999年
	東北大学大学院環境科学研究科教授	2003年
	東北大学先進医工学研究機構教授（兼務）	2005年（2008年まで）
	東北大学大学院環境科学研究科副研究科長	2008年（2010年まで）
	東北大学研究教育評議員	2010年
	東北大学原子分子材料科学高等研究機構(WPI-AIMR) 主任研究者・教授	2010年
	COI 東北拠点 研究統括・RL	2013年
	東北大学総長特別補佐（研究担当）	2013年（2018年まで）
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研究活動に関する情報

専門分野

電気化学

研究課題

1. バイオセンシング
2. 電気化学マイクロ・ナノシステム
3. 機能性材料評価

所属学会

日本化学会，電気化学会，日本分析化学会，表面技術協会
応用物理学会，International Society of Electrochemistry（国際電気化学会）
Electrochemical Society, American Chemical Society 等

学会活動

International Society of Electrochemistry（国際電気化学会）副会長
電気化学会会長
日本化学会東北支部長

日本分析化学会理事・東北支部長
電気化学会東北支部長
表面技術協会東北支部長 等

学術受賞

電気化学協会佐野賞 (1986年)
表面技術協会論文賞 (1994年)
電気化学会学術賞 (2002年)
電気化学会技術賞 (2006年)
日本化学会学術賞 (2011年)
電気化学会論文賞 (2011年, 2014年) 等

大学運営に関する情報

学内委員等

情報公開・個人情報開示等審査委員会委員長 (2009-2011)
東北大学未来医工学治療開発センター営委員 (2010-2012)
東北大学臨床研究推進センター シーズ評価委員会委員 (2012-2019)
マイクロシステム融合研究開発センター運営委員会委員 (2017-2019)
総長特別補佐 (研究担当) (2013-2018)
国際研究高等教育院審査員(2014)
研究推進本部運営委員会委員 (2014-2018)
エネルギー研究連携推進委員会委員(2013-2018)
革新的イノベーション研究機構運営委員会委員(2013-2017)
メディカルサイエンス実用化推進委員会委員(2016-)
次世代革新電池共同研究部門 (日立製作所) 代表(2014-2016)
レジリエント社会構築イノベーションセンター運営委員会委員(2016-)
革新的イノベーション研究プロジェクト運営委員会委員 (2017-)
研究推進審議会委員(2017-2018)
学際科学フロンティア研究所教員選考委員会委員 (2017-2019)
等

社会活動に関する情報

学外委員等

Electrochimica Acta (国際電気化学会機関誌)編集委員 (2002-)
表面技術協会東北支部長 (2003-2005)
日本学術振興会プログラムオフィサー (2006-2009)
宮城県公害衛生検査センター理事 (2008-)
電気化学会東北支部長 (2009-2011)
Tajima 賞選考委員会委員長 (国際電気化学会) (2009-2012)
宮城県公害審査会委員 (2010-2019)
JST ERATO プロジェクト事後評価委員長 (2010-2011)
国際電気化学会日本代表 (2011-2013)

NEDO プロジェクト技術検討委員長 (2013-2016)
日本化学会東北支部長 (2014-2015)
電気化学会会長 (2014-2015)
日本分析化学会理事・東北支部長 (2015-2017)
国際電気化学会副会長 (2016-2018)
JST プロジェクト評価委員長 (2017-)
日本学術振興会審査委員会幹事委員 (2017-)
JST プロジェクト追跡評価委員会委員長 (2018-)
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業績リスト

著書等

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- 33) 走査型電気化学顕微鏡による酵素イメージング
末永智一, 高橋康史, 伊野浩介, 珠玖 仁, “酵素活用ハンドブック”, エヌ・ティー・エス, 2010.4,112-116
- 34) 安価な簡易型センサの実用化に向けた電気化学エンドトキシン検出法の開発
井上(安田)久美, 高野真一郎, 高橋里子, 石田洋祐, 伊藤(佐々木)隆広, 伊野浩介, 珠玖 仁, 末永 智一, “バイオセンサの先端科学技術と新製品への応用開発”, 第3章12節, 技術情報協会, 2014.4
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Raquel Obregón, Javier Ramón-Azcón, Samad Ahadian, Hitoshi Shiku, Murugan Ramalingam, Ali Khademhosseini, and Tomokazu Matsue, in “Stem Cell Biology and Tissue Engineering in Dental Sciences”, Chapter 13, Elsevier, 2014.11.
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Yasufumi Takahashi, Hitoshi Shiku, and Tomokazu Matsue in “Nanobiosensors and Nanobioanalyses”, Springer BWF, 2015, 335-352, Chapter 16, 2015.4

原著論文

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- Hydrogen Active Powder Electrodes.
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