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笹尾眞實子教授業績目録

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生年月日 昭和22年 4月29日
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昭和45年 3月 東京大学理学部物理学科卒業
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昭和51年 4月 スタンフォード大学 博士研究員
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昭和53年 4月 大阪大学 理学部大学院 湯川奨学生
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平成23年 9月 東北大学を退職

学位

理学博士 (東北大学)

受賞

平成23年9月 国際イオン源会議 プライトネスアワード（銀賞）

学会等における活動

核融合科学研究所 運営会議委員（平成15年9月～平成23年9月）

日本学術会議第19期核科学総合研究連絡委員会核融合専門委員会委員（幹事）

（平成15年11月～平成17年3月）

文部科学省科学技術学術審議会 専門委員（研究計画評価分科会）

（平成18年2月～平成23年3月）

日本物理学会 理事（平成22年9月～平成24年3月）

プラズマ・核融合学会 理事（平成20年6月～平成24年6月）

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I. 著書

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発行年月日：1990/03/10 ISBN：4-8158-0123-1 名古屋大学出版会
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Ⅲ. 調査報告書

1. 科学研究費補助金 報告書 「プラズマ燃焼のための先進計測」
2011年3月
研究期間 (2004年度～2010年度)
研究種目：特定領域研究
2. 科学研究費補助金 報告書
「ビーム中性化法によるアルファ粒子計測法の開発」
2011年3月
研究期間 (2004年度～2009年度)
研究種目：特定領域研究
3. 科学研究費補助金 報告書
「アルファ粒子に関わる物理課題のための計測システム」
2008年3月
研究期間 (2004年度～2007年度)
研究種目：基盤研究(B)
4. 科学研究費補助金 報告書
「ダイバーター表面における粒子リサイクリング機構解明のための基礎過程」
2004年3月
研究期間 (2002年度～2003年度)
研究種目：基盤研究(C)
5. 科学研究費補助金 報告書
「大強度ヘリウム中性粒子ビームの開発のための基礎研究」
2002年3月
研究期間 (1998年度～2001年度)
研究種目：基盤研究(B)

6. 科学研究費補助金 報告書
「大強度・大輝度イオンビームの輸送の研究」
2000年3月
研究期間 (1997年度～1999年度)
研究種目：基盤研究(B)
7. 科学研究費補助金 報告書
「アルファ粒子計測用負イオン源開発のための基礎過程の解明」
1989年3月
研究期間 (1988年度～1988年度)
研究種目：核融合特別研究
8. 科学研究費補助金 報告書
「高温プラズマより損失する核反応生成荷電粒子の計測」
1987年3月
研究期間 (1984年度～1986年度)
研究種目：一般研究(B)

IV. 口頭発表

1. Study of Energetic Ion Transport in the Large Helical Device
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3. Advanced Diagnostics for Burning Plasma Experiment, International Conference
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4. An Alpha Particle Measurement System using an Energetic Neutral Helium
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2011, September)

その他

V. その他 (産業財産権)

特願2010-254663
タンデム加速装置および電荷交換器