聚变与等离子体研究所14年博士毕业答辩成果明细表

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| 序号 |  | | | | | | | |
| 1 | **答辩人** | **金伟** | **学号** | **D201077260** | **是否符合答辩条件** |  | | |
| 成果及杂志名称 | | | | | 类别 | 期刊分类 | 状态 |
| 题目： Development of a soft x-ray pulse height analyzer on the J-TEXT tokamak | | | | | SCI | A | 已见刊 |
| 期刊： Nuclear Instruments and Methods in Physics Research A | | | | |
| 题目： Dependence of plasma responses to an externally applied perturbation field on MHD oscillation frequency on the J-TEXT tokamak | | | | | SCI | A | 已见刊 |
| 期刊： Plasma Physics and Controlled Fusion | | | | |
| 题目： Transport of runaway electrons in sawtooth active plasmas in the HT-7 tokamak | | | | | SCI | B | 已见刊 |
| 期刊： Journal of the Korean Physical Society | | | | |
| 题目： Tangential x-ray imaging crystal spectrometer on J-TEXT tokamak | | | | | SCI | A | 已见刊 |
| 期刊： Review of Scientific Instruments | | | | |
| 题目： Upgraded high time-resolved x-ray imaging crystal spectrometer system for J-TEXT ohmic plasmas | | | | | SCI | A | 已见刊 |
| 期刊： Review of Scientific Instruments | | | | |

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| 2 | **答辩人** | **胡启明** | **学号** | **D200977271** | **是否符合答辩条件** |  | | |
| 成果及杂志名称 | | | | | 类别 | 期刊分类 | 状态 |
| 题目： Effect of externally applied resonant magnetic perturbations on resistive tearing modes | | | | | SCI | A | 已发表 |
| 期刊：Nuclear Fusion | | | | |
| 题目： Understanding the effect of resonant magnetic perturbations on tearing mode dynamics | | | | | SCI | B | 已发表 |
| 期刊：Physics of Plasmas | | | | |
| 题目： Enhanced particle transport caused by resonant magnetic perturbations in the J-TEXT tokamak | | | | | SCI | A | 已接收 |
| 期刊：Nuclear Fusion （已接收，2014年5月发表） | | | | |
| 3 | **答辩人** | **夏冬辉** | **学号** | **D200977273** | **是否符合答辩条件** |  | | |
| 成果及杂志名称 | | | | | 类别 | 期刊分类 | 状态 |
| 题目： The coordinate transformation method for design of polarizers on HL-2A electron cyclotron resonance heating and current drive systems | | | | | SCI | A | 已发表 |
| 期刊： **Review of Scientific Instruments** 84, 103504 (2013) | | | | |
| 题目： Design of transmission lines for 140GHz ECRH system on HL-2A. | | | | | SCI | C | 已发表 |
| 期刊： **Plasma Science and Technology**, 2014, 16(3): 267-272. | | | | |
| 题目： A 5.8T cryogen free gyrotron superconducting magnet system on HL-2A | | | | | SCI | C | 已发表 |
| 期刊： **Plasma Science and Technology**, 2014, 16(4): 410-414. | | | | |
| 4 | **答辩人** | **郑玮** | **学号** | **D201077264** | **是否符合答辩条件** |  | | |
| 成果及杂志名称 | | | | | 类别 | 期刊分类 | 状态 |
| 题目：Real-Time Fast Controller Prototype for J-TEXT Tokamak | | | | | SCI | A | 已发表 |
| 期刊：Nuclear Science, IEEE Transactions on | | | | |
| 题目：The timing system on the J-TEXT tokamak | | | | | SCI | C | 已发表 |
| 期刊：Fusion Engineering and Design | | | | |
| 题目：J-TEXT-EPICS: An EPICS toolkit attempted to improve productivity | | | | | SCI | C | 已发表 |
| 期刊：Fusion Engineering and Design | | | | |
| 题目： Service-Oriented Remote Operation System for J-TEXT Tokamak | | | | | SCI | B | 已发表 |
| 期刊： Plasma Science, IEEE Transactions on | | | | |
| 题目： The J-TEXT CODAC system design and implementation | | | | | SCI | C | 已接收 |
| 期刊： Fusion Engineering and Design | | | | |

聚变与等离子体研究所

学生教学部

二零一四年五月十六日