



ESI 热点论文简报

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基于 ESI 数据库分领域热点论文简报VIII

ESI 是基于汤森路透 Web of Science (SCIE/SSCI) 所收录的全球 12000 多种学术期刊的 1200 多万条文献记录而建立的计量分析数据库。ESI 针对 22 个专业领域, 通过论文数、论文被引频次、论文篇均被引频次、高影响论文(高被引论文和热点论文排重后的简单和) 指标, 成为当今世界范围内普遍用以评价高校、学术机构、国家/地区国际学术水平及影响力的重要评价指标工具之一。该数据库基于 10 年内文献数据进行综合分析评价, 每两月更新一次。

热点论文: ESI 数据库统计筛选出在过去两年内发表, 且在近两月内, 被引用的次数进入其学术领域前 0.1% 的论文。

细分领域: 根据 WoS 数据库的领域划分选取了高能所发文比较集中的四个细分领域, “Physics, Particles & Fields”、“Physics, Nuclear”、“Astronomy & Astrophysics”和 “Materials Science, Multidisciplinary”。

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本次简报基于 ESI 于 2022 年 3 月 10 日更新的数据, 热点论文统计范围为 2020 年 1 月-2021 年 12 月发表的论文, 且在 2021 年 11-12 月被引用次数进入物理领域前 0.1% 的论文。

②、③、④、⑤、⑥、⑦、⑧为对比 2021 年第一、二、三、四、五、六、七期数据的重复次数

“Physics, Particles & Fields”热点论文 27 篇

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“Physics, Nuclear”热点论文 9 篇

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“Materials Science, Multidisciplinary”热点论文 316 篇

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