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2024 年 9 月 20 日，中国科学技术信息研究所发布 2024 年版《中国科技期刊引证报告》（核心版）自然科学卷：《现代药物与临床》核心总被引频次 2 217 次，在 47 种药学类期刊中列第 13 位；核心影响因子 0.788，在 47 种药学类期刊中列第 26 位；综合评价总分 39.3，在 47 种药学类期刊中列第 15 位。

2024 年 10 月 10 日中国科学文献计量评价研究中心发布了《中国学术期刊影响因子年报》（自然科学与工程技术 • 2024 版）：《现代药物与临床》影响力指数（CI）501.667，在 65 种药学期刊排第 13 位；分区 Q1 区；他引总被引 2 177；他引影响因子 0.743；复合类影响因子 1.437，期刊综合影响因子 1.113。复合总被引频次 4 581，基金论文比 0.79，引用半衰期 5.2，被引半衰期 3.5，WEB 即年下载率 257，WEB 下载量 31.79 万次。

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