

Researchers' Interest-Centered Systematic Search (RICSS): A Tool for Identifying Journals Publishing New Ideas in Learning Sciences

Introduction

Learning Sciences

Learning sciences brings together research, statistics, and best practices to aid teachers in sharing knowledge with their students.

Learning sciences is a multidisciplinary field using insights from *cognitive science, social linguistics, psychology, neuroscience, computer science, data analytics, statistics, psychometrics, and machine learning* to better understand educational environments and tactics that promote learning.

Problem Statement

A gold standard for a systematic search of journals and ideas in the learning sciences does not exist, due in part to the varied interests in the field.

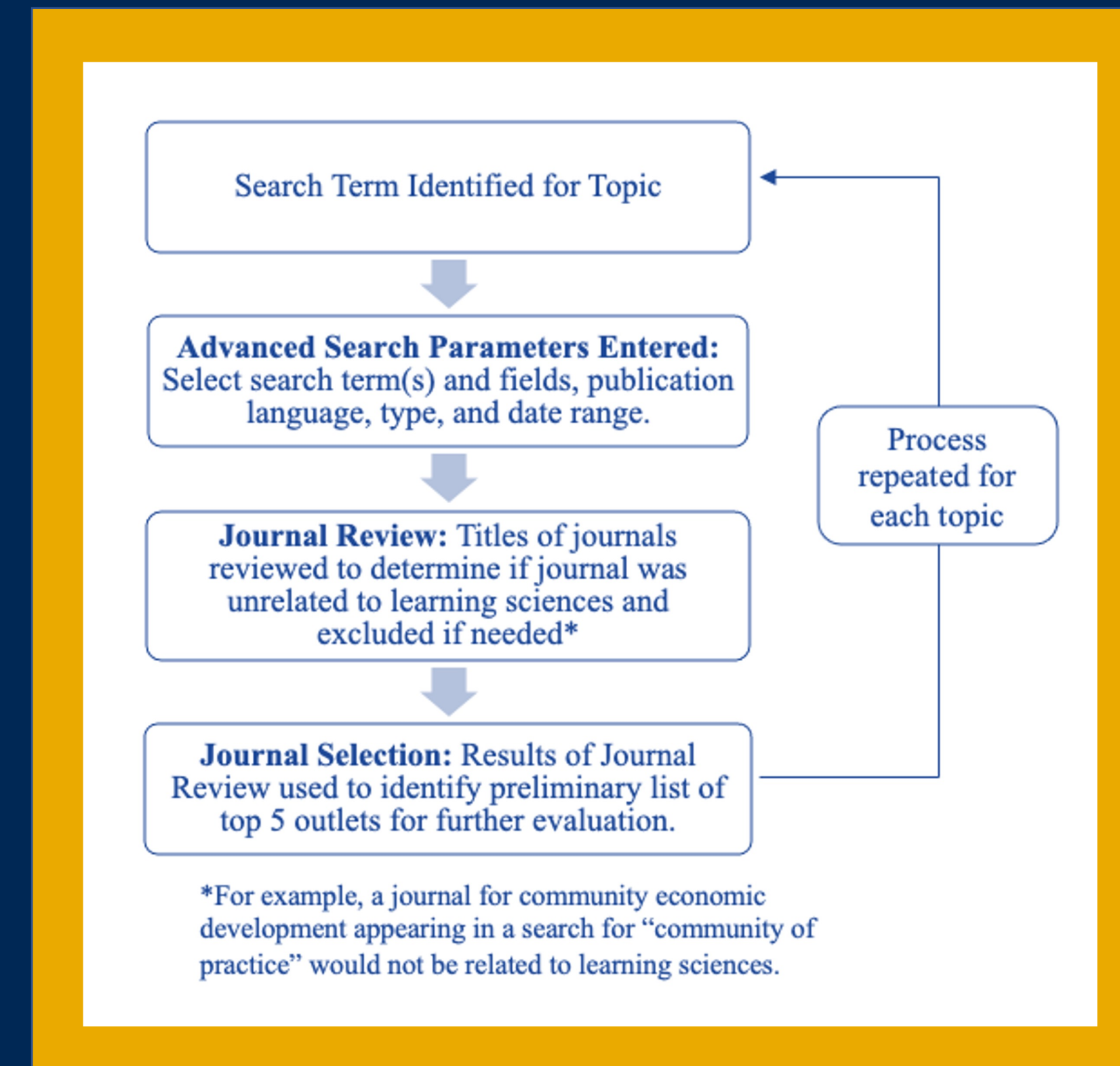
A responsive method of systematic search may provide all members of learning sciences a protocol to identify ideas that are cutting edge and relevant to their research agenda.

How can a researcher identify which journals are presenting new ideas in the fields and subfields related to learning sciences and the researcher's agenda?

Identification of Topics Related to Researchers' Interest



Initial Journal Selection via Database Search



Confirmation of Journal Fit via Article Review Process



Results: Journals Publishing New Ideas

Most Cited Journals and Related Topics

Most Cited Journals	H-Index (SCImago)	Learning Sciences Topics
Educational Technology Research and Development	90	Theories of Learning Instructional Design Self-regulated Learning
Teaching and Teacher Education	123	Identity Culture Teacher Development
Computers & Education	179	Theories of Learning Self-regulated Learning
Education Sciences	19	Theories of Learning Culture
Professional Development in Education	34	Community of Practice Teacher Development
Teachers College Record	89	Social Justice Education Culture

Method & Results

