

LITERATURE SEARCH STRATEGY

Searches were done on Web Of Knowledge (<http://apps.webofknowledge.com/>), using “Topic” search (unless stated otherwise below).

No.	Search	Hits	Evaluation
1	Paradoxes	36,132	Too vague, need to define area of physics the paradoxes are in.
2	Special Relativity	4,044	Too vague, need to define which part of Special Relativity.
3	Special Relativity Paradoxes	165	Exclude categories that aren't applicable (example: cell biology)
4	Special Relativity Paradoxes (defined categories)	128	Too many different paradoxes. Need to search for specific paradoxes.
5	Lock and key paradox	7	Acceptable search results.
6	Bells spaceship paradox	2	Acceptable search results.
7	Ehrenfest paradox	36	Acceptable search results.
8	Bullet in water supple paradox	0	Too specific. Need to widen search.
9	Author search: Supplee	99	Too broad and not relevant.
10	Author search: Supplee (defined categories)	9	Acceptable search results.
11	Man falling into grate paradox	0	Too specific. Need to widen search to original paradox as this search was only for a variation.
12	Variations on ladder paradox	0	Too specific. Need to widen search.
13	Ladder paradox	18	Most not relevant. Needs further defining.
14	Ladder paradox special relativity	1	A single article is not much, if more is needed after reading this, we will refer to the references in this article.
15	Rindler Chart	1	Not applicable.
16	Author search: Rindler, W	62	Acceptable search results.
17	Relativity Author search: Rindler, W	12	Acceptable search results.
18	3D visualisation special relativity	1	Acceptable search results. For wider coverage, broaden search parameters.
19	3D special relativity	26	Acceptable search results.
20	Visualisation special relativity	18	Acceptable search results.

The conclusion of this literature research strategy is that there are ample articles and papers available to use for the literature review. Most notably ‘Some Paradoxes in Special Relativity and the Resolutions’ by Gu, Ying-Qiu (2011). This article, along with its reference list, will be our starting point. The Wordle below provided us with some keywords from abstracts to search.

