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Empower engineering excellence to solve the world's greatest challenges.

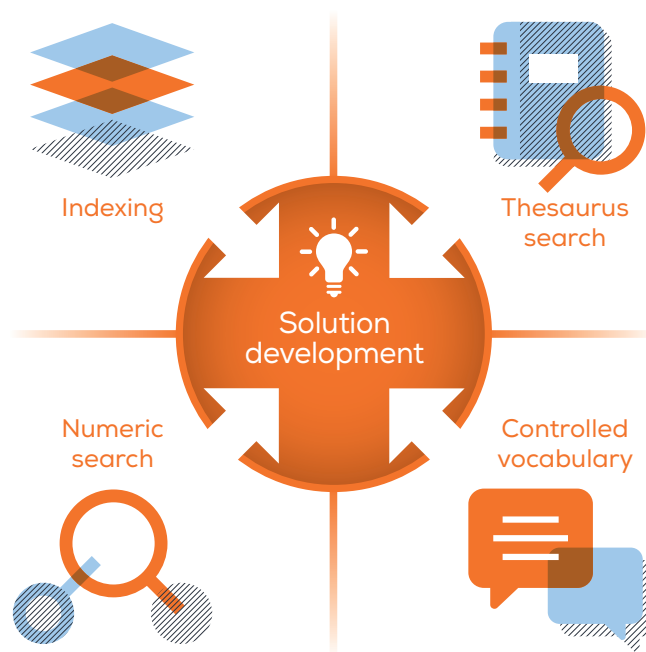
Engineering Village®

Informed research powers the next set of engineering innovations.

With so many challenges facing the world today, institutions are under pressure to deliver concrete results and innovations. It is time to bridge the gap between theory and practice in engineering. With Engineering Village, researchers can access and refine with precision the methods, data and insights needed to tackle the world's most pressing issues.

Institutions around the world value Engineering Village for its interface tailored to support engineering researchers to:

- Identify the latest, relevant research to answer engineering questions through AI-powered engineering-specific tagging
- Explore standards and other engineering-dedicated content, best practices and reliable data to learn from real-life case studies on industry leaders
- Uncover opportunities for transfer and scale-up of new technologies into further research and practice



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A reliable tool to answer real-life engineering questions: Engineering Village in action

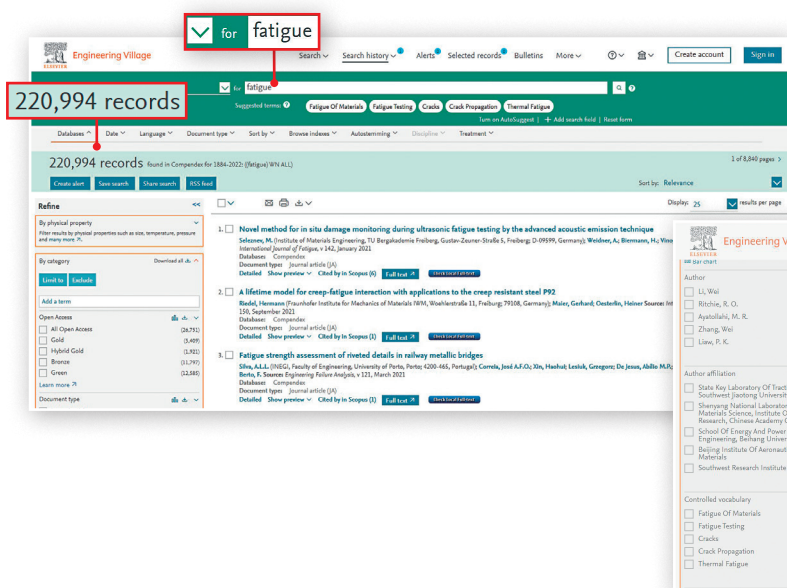
In 2021, high speed train services in the UK were halted due to hairline cracks later discovered in lifting plates and shock absorbers. Stress corrosion and metal fatigue were assumed to be the major cause of the cracks.

To begin to understand this issue, researchers would need a powerful tool to find trusted data amongst the 20 million published records on engineering.

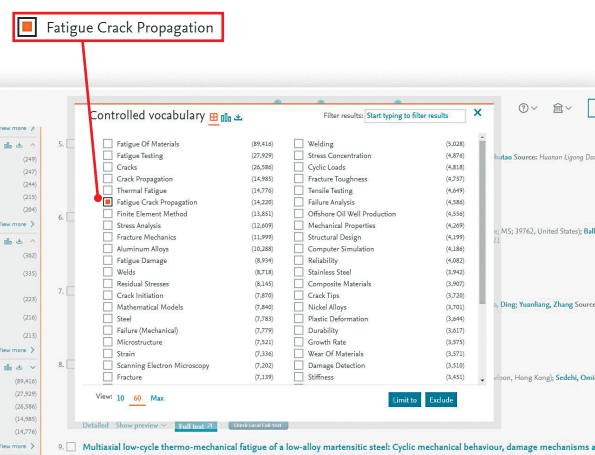
The right information would allow them to:

- Explore root causes
- Delve into how similar problems were solved
- Dive into different facets of the problem

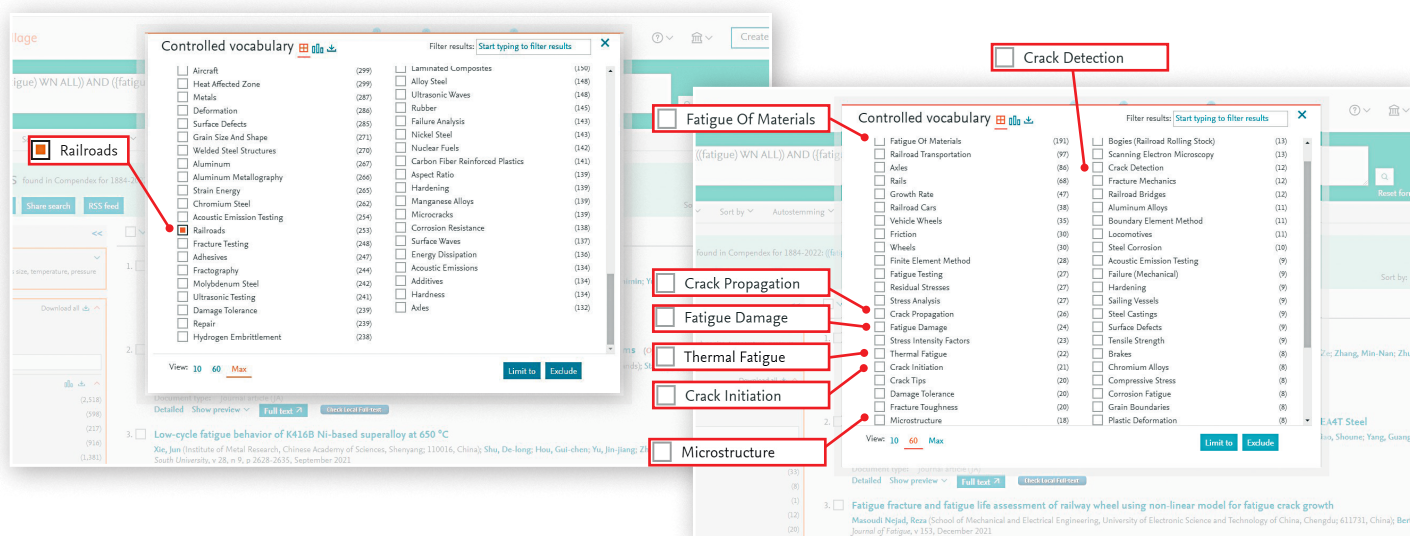
- 1 You perform a broad search for “fatigue”, which reveals over **220,000** records



- 2 You discover, thanks to the powerful controlled indexing within the database, that a quarter of the results are related to cracks. The rest of the topics shown can indicate further underlying issues.



- 3 Now you explore the original questions by further refining the search to trains and railroads, narrowing the results to **250** records. The results are all interdisciplinary, allowing you to quickly expand a set of hypotheses on the causes of problem and explore a range of solutions to fix or prevent these technical faults in the future.



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