

Patent Landscape Report

Report Date: 7/28/2019

Client Ref No.: N/A

Techson Ref No.: N/A

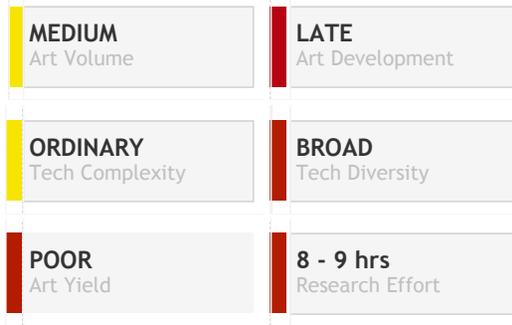
Title: Article 2 - Data-driven prediction of battery cycle life before capacity degradation

Notes: N/A

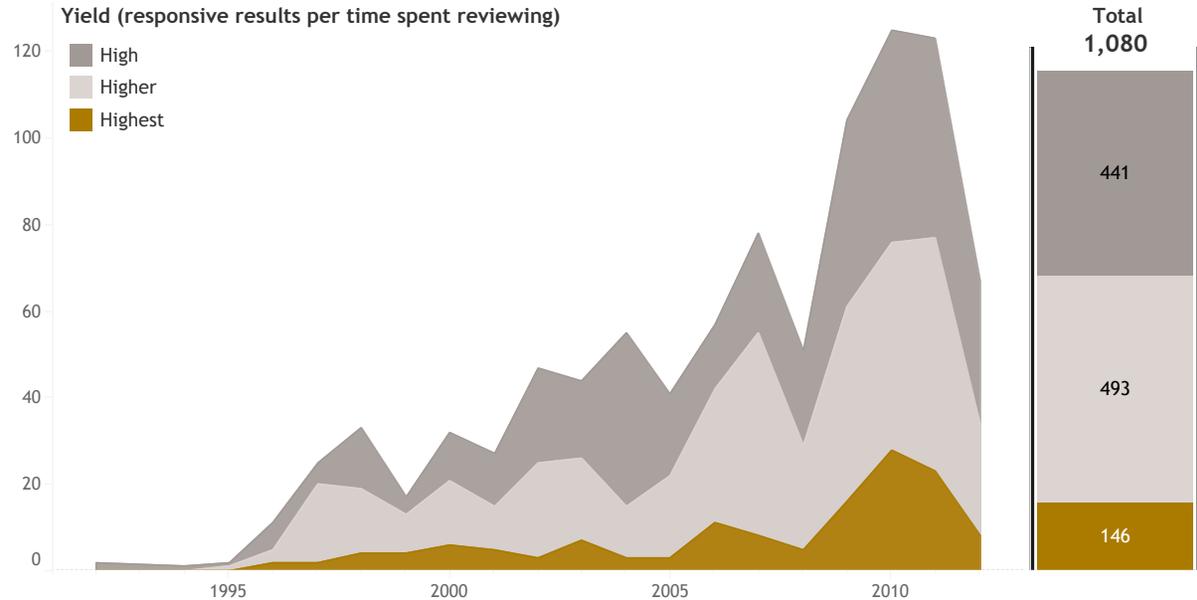
RESEARCH DIFFICULTY SCORE



Research Factors



LANDSCAPE LEADS



CPC TECHNOLOGY PROFILE

Top Classes

G01R31/3624	based on combined voltage and current measurement (ref: G01R31/361) takes precedence	↑
G01R31/3679	for determining battery ageing or deterioration e.g. state-of-health (SoH) state-of-life (SoL)	↑
H02J7/00	Circuit arrangements for charging or depolarising batteries or for supplying loads from batteries	↑
H02J7/0083	and in response to charge current gradient	↑
G01R31/3651	Software aspects e.g. battery modeling using look-up tables neural networks	↑
G07C3/08	Registering or indicating the production of the machine either with or without registering working or idle ti..	↑
G01R31/361	using current integration	↑
H01M10/0525	Rocking-chair batteries i.e. batteries with lithium insertion or intercalation in both electrodes Lithium-ion..	↑
H02J7/0047	with indicating devices (ref: H02J7/0021) takes precedence	↑
G01R31/3606	Monitoring i.e. measuring or determining some variables continuously or repeatedly over time e.g. current ..	↑

Limestone (All) | Limestone (Best Fit)

