

# Edward Bertrand

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5926749/publications.pdf>

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7  
papers

169  
citations

1307594

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1720034

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docs citations

8  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetotelluric imaging of upper-crustal convection plumes beneath the Taupo Volcanic Zone, New Zealand. Geophysical Research Letters, 2012, 39, .	4.0	85
2	Mapping subduction interface coupling using magnetotellurics: Hikurangi margin, New Zealand. Geophysical Research Letters, 2017, 44, 9261-9266.	4.0	31
3	The integrated history of repeated caldera formation and infill at the Okataina Volcanic Centre: Insights from 3D gravity and magnetic models. Journal of Volcanology and Geothermal Research, 2022, 427, 107555.	2.1	13
4	Calculation of GIC in the North Island of New Zealand Using MT Data and Thin-Sheet Modeling. Space Weather, 2020, 18, e2020SW002580.	3.7	12
5	Bayesian magnetotelluric inversion using methylene blue structural priors for imaging shallow conductors in geothermal fields. Geophysics, 2021, 86, E171-E183.	2.6	11
6	Heat Transfer Through the Wairakei-Tauhara Geothermal System Quantified by Multi-Channel Data Modeling. Geophysical Research Letters, 2021, 48, e2020GL092056.	4.0	9
7	Topography as a Major Influence on Geothermal Circulation in the Taupo Volcanic Zone, New Zealand. Geophysical Research Letters, 2021, 48, e2020GL092248.	4.0	8