

# Eldar Baykiev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8885711/publications.pdf>

Version: 2024-02-01

7  
papers

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citations

2258059

3  
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1720034

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all docs

9  
docs citations

9  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forward modeling magnetic fields of induced and remanent magnetization in the lithosphere using tesseroids. <i>Computers and Geosciences</i> , 2016, 96, 124-135.	4.2	23
2	Integrating Gravity and Surface Elevation With Magnetic Data: Mapping the Curie Temperature Beneath the British Isles and Surrounding Areas. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	9
3	Global High-Resolution Magnetic Field Inversion Using Spherical Harmonic Representation of Tesseroids as Individual Sources. <i>Geosciences (Switzerland)</i> , 2020, 10, 147.	2.2	6
4	Spectral consistency of satellite and airborne data: Application of an equivalent dipole layer for combining satellite and aeromagnetic data sets. <i>Geophysics</i> , 2022, 87, G71-G81.	2.6	3
5	Linearized Bayesian estimation of magnetization and depth to magnetic bottom from satellite data. <i>Geophysical Journal International</i> , 2022, 230, 1508-1533.	2.4	3
6	Spherical magnetic field gradients and lithospheric magnetization (Part 1) : finite difference calculation and depth sensitivity to lithospheric magnetization. <i>Geophysical Journal International</i> , 2018, 215, 1747-1765.	2.4	2
7	Towards a Digital Twin of the Earth System: Geo-Soft-CoRe, a Geoscientific Software & Code Repository. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	1