

# Characterization and implications of intradecadal varia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Rapid dynamics of the Earth's core. <i>Astronomy and Geophysics</i> , 2013, 54, 5.32-5.37.	0.1	2
2	SINGULAR SPECTRUM DECOMPOSITION: A NEW METHOD FOR TIME SERIES DECOMPOSITION. <i>Advances in Adaptive Data Analysis</i> , 2014, 06, 1450011.	0.6	95
3	Rotation of the Earth, solar activity and cosmic ray intensity. <i>Annales Geophysicae</i> , 2014, 32, 761-771.	0.6	3
4	Geomagnetic secular acceleration, jerks, and a localized standing wave at the core surface from 2000 to 2010. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1531-1543.	1.4	92
5	The strength of gravitational core-mantle coupling. <i>Geophysical Research Letters</i> , 2014, 41, 3786-3792.	1.5	38
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7	Highly conductive iron-rich (Mg,Fe)O magnesiowüstite and its stability in the Earth's lower mantle. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 4656-4665.	1.4	27
8	On magnetic estimation of Earth's core angular momentum variation. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6740-6757.	1.4	2
9	Fast equatorial waves propagating at the top of the Earth's core. <i>Geophysical Research Letters</i> , 2015, 42, 3321-3329.	1.5	63
10	Derivation and use of core surface flows for forecasting secular variation. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1400-1414.	1.4	29
11	Planetary gyre, time-dependent eddies, torsional waves, and equatorial jets at the Earth's core surface. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3991-4013.	1.4	95
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14	Illuminating the electrical conductivity of the lowermost mantle from below. <i>Geophysical Journal International</i> , 2015, 202, 482-496.	1.0	19
15	Recovery of the 6-year signal in length of day and its long-term decreasing trend. <i>Earth, Planets and Space</i> , 2015, 67, .	0.9	23
16	Possible relationship between the Earth's rotation variations and geomagnetic field reversals over the past 510 Myr. <i>Frontiers in Earth Science</i> , 2015, 3, .	0.8	1
17	The transition to Earth-like torsional oscillations in magnetoconvection simulations. <i>Earth and Planetary Science Letters</i> , 2015, 419, 22-31.	1.8	55
18	The adjoint-state method for the downward continuation of the geomagnetic field. <i>Geophysical Journal International</i> , 2015, 201, 724-740.	1.0	5
19	Large-Scale Flow in the Core. , 2015, , 91-113.		63

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20	On the applicability of Backus's mantle filter theory. <i>Geophysical Journal International</i> , 2015, 200, 1336-1346.	1.0	6
21	Measurements of Newton's gravitational constant and the length of day. <i>Europhysics Letters</i> , 2015, 110, 10002.	0.7	55
22	Comment on "Measurements of Newton's gravitational constant and the length of day" by Anderson J. D. et al.. <i>Europhysics Letters</i> , 2015, 111, 30002.	0.7	14
23	A power spectrum for the geomagnetic dipole moment. <i>Earth and Planetary Science Letters</i> , 2015, 411, 20-26.	1.8	23
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27	Origins of ultralow velocity zones through slab-derived metallic melt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5547-5551.	3.3	55
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32	Magnetic to magnetic and kinetic to magnetic energy transfers at the top of the Earth's core. <i>Geophysical Journal International</i> , 2016, 207, 934-948.	1.0	4
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39	Possible damping model of the 6 year oscillation signal in length of day. <i>Physics of the Earth and Planetary Interiors</i> , 2017, 265, 35-42.	0.7	10
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41	Excitation of travelling torsional normal modes in an Earth's core model. <i>Geophysical Journal International</i> , 2017, 210, 1503-1516.	1.0	51
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54	MagPySV: A Python Package for Processing and Denoising Geomagnetic Observatory Data. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3347-3363.	1.0	7
55	Improved geophysical excitation of length-of-day constrained by Earth orientation parameters and satellite gravimetry products. <i>Geophysical Journal International</i> , 2018, 214, 1633-1651.	1.0	9

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57	On magnetostrophic mean-field solutions of the geodynamo equations. Part 2. Journal of Plasma Physics, 2018, 84, .	0.7	7
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93	Rapid Variations of Earth's Core Magnetic Field. <i>Surveys in Geophysics</i> , 2022, 43, 41-69.	2.1	21
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