

Gary D Egbert

List of Publications by Year in descending order

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150
papers

14,596
citations

47409

49
h-index

21843

118
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151
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151
docs citations

151
times ranked

8455
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient multigrid solver based on a four-color cell-block Gauss-Seidel smoother for 3D magnetotelluric forward modeling. <i>Geophysics</i> , 2022, 87, E121-E133.	1.4	17
2	Baroclinic Tidal Energetics Inferred from Satellite Altimetry. <i>Journal of Physical Oceanography</i> , 2022, 52, 1015-1032.	0.7	6
3	Fluid transport and storage in the Cascadia forearc influenced by overriding plate lithology. <i>Nature Geoscience</i> , 2022, 15, 677-682.	5.4	13
4	Accuracy assessment of global internal-tide models using satellite altimetry. <i>Ocean Science</i> , 2021, 17, 147-180.	1.3	28
5	Magnetotelluric Data Processing. <i>Encyclopedia of Earth Sciences Series</i> , 2021, , 1036-1042.	0.1	0
6	3-D time-domain electromagnetic modeling based on multi-resolution grid with application to geomagnetically induced currents. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 312, 106651.	0.7	5
7	Electrical conductivity of the lithosphere-asthenosphere system. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 313, 106661.	0.7	10
8	A Comparison Study of Explicit and Implicit 3-D Transient Electromagnetic Forward Modeling Schemes on Multi-Resolution Grid. <i>Geosciences (Switzerland)</i> , 2021, 11, 257.	1.0	1
9	The problematic $\hat{c} > 1$ ocean tide. <i>Geophysical Journal International</i> , 2021, 227, 1181-1192.	1.0	3
10	Modelling diurnal variation magnetic fields due to ionospheric currents. <i>Geophysical Journal International</i> , 2021, 225, 1086-1109.	1.0	12
11	Electrical resistivity imaging of continental United States from three-dimensional inversion of EarthScope USArray magnetotelluric data. <i>Earth and Planetary Science Letters</i> , 2021, 576, 117244.	1.8	17
12	An Approach to Empirical Mapping of Incoherent Internal Tides With Altimetry Data. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095863.	1.5	6
13	An Efficient Preconditioner for 3-D Finite Difference Modeling of the Electromagnetic Diffusion Process in the Frequency Domain. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 500-509.	2.7	21
14	3-D DC Resistivity Forward Modeling Using the Multi-resolution Grid. <i>Pure and Applied Geophysics</i> , 2020, 177, 2803-2819.	0.8	8
15	Modular finite volume approach for 3D magnetotelluric modeling of the Earth medium with general anisotropy. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 309, 106585.	0.7	14
16	Array analysis of magnetic and electric field observatories in China: estimation of magnetotelluric impedances at very long periods. <i>Geophysical Journal International</i> , 2020, 222, 305-326.	1.0	2
17	3D Magnetotelluric Imaging of the Easternmost Kunlun Fault: Insights Into Strain Partitioning and the Seismotectonics of the Jiuzhaigou Ms7.0 Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019731.	1.4	27
18	Magnetotelluric Data Processing. <i>Encyclopedia of Earth Sciences Series</i> , 2020, , 1-7.	0.1	0

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19	Constraints on the resistivity of the oceanic lithosphere and asthenosphere from seafloor ocean tidal electromagnetic measurements. <i>Geophysical Journal International</i> , 2019, 219, 464-478.	1.0	9
20	Insights Into Intraplate Stresses and Geomorphology in the Southeastern United States. <i>Geophysical Research Letters</i> , 2019, 46, 8711-8720.	1.5	8
21	The Missouri High-Conductivity Belt, revealed by magnetotelluric imaging: Evidence of a trans-lithospheric shear zone beneath the Ozark Plateau, Midcontinent USA?. <i>Tectonophysics</i> , 2019, 753, 111-123.	0.9	17
22	Synthesizing Seemingly Contradictory Seismic and Magnetotelluric Observations in the Southeastern United States to Image Physical Properties of the Lithosphere. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2606-2625.	1.0	10
23	A block rational Krylov method for 3-D time-domain marine controlled-source electromagnetic modelling. <i>Geophysical Journal International</i> , 2019, 218, 100-114.	1.0	19
24	Corrections to "An Efficient Preconditioner for 3D Finite Difference Modeling of the Electromagnetic Diffusion Process in the Frequency Domain" [DOI: 10.1109/TGRS.2019.2937742]. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 9512-9512.	2.7	0
25	3-D DC resistivity modeling and inversion using multi-resolution framework. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-3.	0.1	1
26	Divergence-free solutions to electromagnetic forward and adjoint problems: a regularization approach. <i>Geophysical Journal International</i> , 2019, 216, 906-918.	1.0	30
27	A multi-resolution approach to electromagnetic modelling. <i>Geophysical Journal International</i> , 2018, 214, 656-671.	1.0	26
28	Shared advances in exploration and fundamental geophysics " Introduction. <i>Geophysics</i> , 2018, 83, WCi-WCii.	1.4	0
29	Modular implementation of magnetotelluric 2D forward modeling with general anisotropy. <i>Computers and Geosciences</i> , 2018, 118, 27-38.	2.0	17
30	Source biases in midlatitude magnetotelluric transfer functions due to Pc3-4 geomagnetic pulsations. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	14
31	A novel CFS-PML boundary condition for transient electromagnetic simulation using a fictitious wave domain method. <i>Radio Science</i> , 2017, 52, 118-131.	0.8	13
32	Electrical conductivity structure of southeastern North America: Implications for lithospheric architecture and Appalachian topographic rejuvenation. <i>Earth and Planetary Science Letters</i> , 2017, 462, 66-75.	1.8	54
33	3-D inversion of complex magnetotelluric data from an Archean-Proterozoic terrain in northeastern São Francisco Craton, Brazil. <i>Geophysical Journal International</i> , 2017, 210, 1545-1559.	1.0	11
34	An application of principal component analysis to the interpretation of ionospheric current systems. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5687-5708.	0.8	15
35	Methodology for time-domain estimation of storm time geoelectric fields using the 3D magnetotelluric response tensors. <i>Space Weather</i> , 2017, 15, 874-894.	1.3	59
36	Tidal Prediction. <i>Journal of Marine Research</i> , 2017, 75, 189-237.	0.3	34

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37	Coastal ocean variability in the US Pacific Northwest region: seasonal patterns, winter circulation, and the influence of the 2009–2010 El Niño. <i>Ocean Dynamics</i> , 2015, 65, 1643-1663.	0.9	17
38	Ionospheric current source modeling and global geomagnetic induction using ground geomagnetic observatory data. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6771-6796.	1.4	35
39	Three-dimensional electrical resistivity of the north-central USA from EarthScope long period magnetotelluric data. <i>Earth and Planetary Science Letters</i> , 2015, 422, 87-93.	1.8	88
40	3-D joint inversion of the magnetotelluric phase tensor and vertical magnetic transfer functions. <i>Geophysical Journal International</i> , 2015, 203, 1128-1148.	1.0	39
41	An improved parameterization of tidal mixing for ocean models. <i>Geoscientific Model Development</i> , 2014, 7, 211-224.	1.3	18
42	Accuracy assessment of global barotropic ocean tide models. <i>Reviews of Geophysics</i> , 2014, 52, 243-282.	9.0	338
43	Time-Variable Refraction of the Internal Tide at the Hawaiian Ridge. <i>Journal of Physical Oceanography</i> , 2014, 44, 538-557.	0.7	73
44	ModEM: A modular system for inversion of electromagnetic geophysical data. <i>Computers and Geosciences</i> , 2014, 66, 40-53.	2.0	521
45	Intensified Diurnal Tides along the Oregon Coast. <i>Journal of Physical Oceanography</i> , 2014, 44, 1689-1703.	0.7	12
46	Deep electrical resistivity structure of the northwestern U.S. derived from 3-D inversion of USArray magnetotelluric data. <i>Earth and Planetary Science Letters</i> , 2014, 402, 290-304.	1.8	208
47	Implementing novel schemes for inversion of 3D EM data in ModEM, the OSU modular EM inversion system. , 2014, , .		0
48	Reply to comments by S. R. Dickman on “Fortnightly Earth rotation, ocean tides and mantle anelasticity”. <i>Geophysical Journal International</i> , 2013, 192, 1055-1058.	1.0	0
49	Cabled marine magnetotellurics: Denser data at lower cost and higher information content. , 2013, , .		0
50	Crust and upper mantle electrical conductivity beneath the Yellowstone Hotspot Track. <i>Geology</i> , 2012, 40, 447-450.	2.0	76
51	Spherical decomposition of electromagnetic fields generated by quasi-static currents. <i>GEM - International Journal on Geomathematics</i> , 2012, 3, 279-295.	0.7	8
52	Variational assimilation of HF radar surface currents in a coastal ocean model off Oregon. <i>Ocean Modelling</i> , 2012, 49-50, 86-104.	1.0	33
53	Computational recipes for electromagnetic inverse problems. <i>Geophysical Journal International</i> , 2012, 189, 251-267.	1.0	562
54	Fortnightly Earth rotation, ocean tides and mantle anelasticity. <i>Geophysical Journal International</i> , 2012, 189, 400-413.	1.0	30

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55	A thin-sheet model for global electromagnetic induction. <i>Geophysical Journal International</i> , 2012, 189, 343-356.	1.0	19
56	Hybrid conjugate gradient-Occam algorithms for inversion of multifrequency and multitransmitter EM data. <i>Geophysical Journal International</i> , 2012, 190, 255-266.	1.0	13
57	Robust principal component analysis of electromagnetic arrays with missing data. <i>Geophysical Journal International</i> , 2012, 190, 1423-1438.	1.0	31
58	Variational assimilation of satellite observations in a coastal ocean model off Oregon. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	41
59	Application of 3D inversion to magnetotelluric profile data from the Deccan Volcanic Province of Western India. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 33-46.	0.7	57
60	Spatial and Temporal Variability of the M2 Internal Tide Generation and Propagation on the Oregon Shelf. <i>Journal of Physical Oceanography</i> , 2011, 41, 2037-2062.	0.7	42
61	Tide Predictions in Shelf and Coastal Waters: Status and Prospects. , 2011, , 191-216.		50
62	Magnetotelluric Data Processing. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 816-822.	0.1	2
63	Combined Effects of Wind-Driven Upwelling and Internal Tide on the Continental Shelf. <i>Journal of Physical Oceanography</i> , 2010, 40, 737-756.	0.7	35
64	Long-term monitoring of ULF electromagnetic fields at Parkfield, California. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
65	Assimilation of altimetry data for nonlinear shallow-water tides: Quarter-diurnal tides of the Northwest European Shelf. <i>Continental Shelf Research</i> , 2010, 30, 668-679.	0.9	111
66	Reparameterized analyses in the coastal upwelling system. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 48, 198-218.	0.7	25
67	Baroclinic tidal generation in the Kauai Channel inferred from high-frequency radio Doppler current meters. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 48, 93-120.	0.7	23
68	WSINV3DMT: Vertical magnetic field transfer function inversion and parallel implementation. <i>Physics of the Earth and Planetary Interiors</i> , 2009, 173, 317-329.	0.7	155
69	Assimilation of GRACE tide solutions into a numerical hydrodynamic inverse model. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	18
70	A nested grid model of the Oregon Coastal Transition Zone: Simulations and comparisons with observations during the 2001 upwelling season. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	26
71	Global electromagnetic induction constraints on transition-zone water content variations. <i>Nature</i> , 2009, 460, 1003-1006.	13.7	219
72	Non-linear conjugate gradient inversion for global EM induction: resolution studies. <i>Geophysical Journal International</i> , 2008, 173, 365-381.	1.0	84

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73	Regional conductivity structure of Cascadia: Preliminary results from 3D inversion of USArray transportable array magnetotelluric data. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	73
74	Normal-Mode Instabilities of a Time-Dependent Coastal Upwelling Jet. <i>Journal of Physical Oceanography</i> , 2008, 38, 2056-2071.	0.7	7
75	The Inverse Ocean Modeling System. Part II: Applications. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008, 25, 1623-1637.	0.5	18
76	Reply to "Comment on 'Seismomagnetic Effects from the Long-Awaited 28 September 2004 M 6.0 Parkfield Earthquake' by M. J. S. Johnston, Y. Sasai, G. D. Egbert, and R. J. Mueller" by P. Varotsos and S. Uyeda. <i>Bulletin of the Seismological Society of America</i> , 2008, 98, 2090-2093.	1.1	0
77	Scale Evolution of Finite-Amplitude Instabilities on a Coastal Upwelling Front. <i>Journal of Physical Oceanography</i> , 2007, 37, 837-854.	0.7	9
78	The impact of the M2 internal tide on data-assimilative model estimates of the surface tide. <i>Ocean Modelling</i> , 2007, 18, 210-216.	1.0	7
79	Representation-based variational data assimilation in a nonlinear model of nearshore circulation. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	23
80	Data space conjugate gradient inversion for 2-D magnetotelluric data. <i>Geophysical Journal International</i> , 2007, 170, 986-994.	1.0	25
81	Empirical orthogonal function analysis of magnetic observatory data: Further evidence for non-axisymmetric magnetospheric sources for satellite induction studies. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	26
82	Seismomagnetic Effects from the Long-Awaited 28 September 2004 M 6.0 Parkfield Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, S206-S220.	1.1	45
83	Verification studies for a z-coordinate primitive-equation model: Tidal conversion at a mid-ocean ridge. <i>Ocean Modelling</i> , 2006, 14, 257-278.	1.0	21
84	Estimating Open-Ocean Barotropic Tidal Dissipation: The Hawaiian Ridge. <i>Journal of Physical Oceanography</i> , 2006, 36, 1019-1035.	0.7	86
85	Constraints on mantle anelasticity from geodetic observations, and implications for the J2 anomaly. <i>Geophysical Journal International</i> , 2006, 165, 3-16.	1.0	74
86	Mapping nonlinear shallow-water tides: a look at the past and future. <i>Ocean Dynamics</i> , 2006, 56, 416-429.	0.9	35
87	Modeling Bottom Mixed Layer Variability on the Mid-Oregon Shelf during Summer Upwelling. <i>Journal of Physical Oceanography</i> , 2005, 35, 1629-1649.	0.7	17
88	Interpretation of two-dimensional magnetotelluric profile data with three-dimensional inversion: synthetic examples. <i>Geophysical Journal International</i> , 2005, 160, 804-814.	1.0	129
89	A Brief Overview of Tides in the Indonesian Seas. <i>Oceanography</i> , 2005, 18, 74-79.	0.5	75
90	Assimilation of Ship-Mounted ADCP Data for Barotropic Tides: Application to the Ross Sea. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 721-734.	0.5	29

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91	Three-dimensional magnetotelluric inversion: data-space method. <i>Physics of the Earth and Planetary Interiors</i> , 2005, 150, 3-14.	0.7	380
92	Distant effect of assimilation of moored currents into a model of coastal wind-driven circulation off Oregon. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	20
93	Assimilation of moored velocity data in a model of coastal wind-driven circulation off Oregon: Multivariate capabilities. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	34
94	Three-dimensional inversion for Network-Magnetotelluric data. <i>Earth, Planets and Space</i> , 2004, 56, 893-902.	0.9	42
95	Numerical modeling of the global semidiurnal tide in the present day and in the last glacial maximum. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	240
96	Local time effects in satellite estimates of electromagnetic induction transfer functions. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	15
97	Geophysical images of the creeping segment of the San Andreas fault: implications for the role of crustal fluids in the earthquake process. <i>Tectonophysics</i> , 2004, 385, 137-158.	0.9	83
98	The Global S1Tide. <i>Journal of Physical Oceanography</i> , 2004, 34, 1922-1935.	0.7	70
99	Tidal Models in a New Era of Satellite Gravimetry. <i>Space Science Reviews</i> , 2003, 108, 271-282.	3.7	55
100	Tidal currents on the central Oregon shelf: Models, data, and assimilation. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	43
101	Semi-diurnal and diurnal tidal dissipation from TOPEX/Poseidon altimetry. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	203
102	Tidal Models in a New Era of Satellite Gravimetry. <i>Space Sciences Series of ISSI</i> , 2003, , 271-282.	0.0	5
103	From Tides to Mixing Along the Hawaiian Ridge. <i>Science</i> , 2003, 301, 355-357.	6.0	312
104	The M2 Internal Tide off Oregon: Inferences from Data Assimilation. <i>Journal of Physical Oceanography</i> , 2003, 33, 1733-1757.	0.7	81
105	Deviation of Long-Period Tides from Equilibrium: Kinematics and Geostrophy. <i>Journal of Physical Oceanography</i> , 2003, 33, 822-839.	0.7	50
106	Efficient Inverse Modeling of Barotropic Ocean Tides. <i>Journal of Atmospheric and Oceanic Technology</i> , 2002, 19, 183-204.	0.5	2,947
107	Data Assimilation in a Baroclinic Coastal Ocean Model: Ensemble Statistics and Comparison of Methods. <i>Monthly Weather Review</i> , 2002, 130, 1009-1025.	0.5	23
108	A Modeling Study of the Three-Dimensional Continental Shelf Circulation off Oregon. Part II: Dynamical Analysis. <i>Journal of Physical Oceanography</i> , 2002, 32, 1383-1403.	0.7	49

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109	Numerical accuracy of magnetotelluric modeling: A comparison of finite difference approximations. <i>Earth, Planets and Space</i> , 2002, 54, 721-725.	0.9	62
110	A Modeling Study of the Three-Dimensional Continental Shelf Circulation off Oregon. Part I: Model-Data Comparisons. <i>Journal of Physical Oceanography</i> , 2002, 32, 1360-1382.	0.7	79
111	Assimilation of surface velocity data into a primitive equation coastal ocean model. <i>Journal of Geophysical Research</i> , 2002, 107, 5-1.	3.3	181
112	Magnetotelluric imaging of the creeping segment of the San Andreas Fault near Hollister. <i>Geophysical Research Letters</i> , 2002, 29, 1-1.	1.5	53
113	On the Generation of ULF Magnetic Variations by Conductivity Fluctuations in a Fault Zone. <i>Pure and Applied Geophysics</i> , 2002, 159, 1205-1227.	0.8	25
114	Processing And Interpretation Of Electromagnetic Induction Array Data. <i>Surveys in Geophysics</i> , 2002, 23, 207-249.	2.1	59
115	Error spectrum for the global M2ocean tide. <i>Geophysical Research Letters</i> , 2001, 28, 21-24.	1.5	29
116	Estimates of M2tidal energy dissipation from TOPEX/Poseidon altimeter data. <i>Journal of Geophysical Research</i> , 2001, 106, 22475-22502.	3.3	359
117	On the stability of magnetotelluric transfer function estimates and the reliability of their variances. <i>Geophysical Journal International</i> , 2001, 144, 65-82.	1.0	58
118	Assimilation of Surface Current Measurements in a Coastal Ocean Model. <i>Journal of Physical Oceanography</i> , 2000, 30, 2359-2378.	0.7	18
119	Significant dissipation of tidal energy in the deep ocean inferred from satellite altimeter data. <i>Nature</i> , 2000, 405, 775-778.	13.7	688
120	Correction to "DC trains and Pc3s: Source effects in mid-latitude geomagnetic transfer functions" by Gary D. Egbert, Markus Eisel, O. Sierra Boyd, and H. Frank Morrison. <i>Geophysical Research Letters</i> , 2000, 27, 1565-1565.	1.5	0
121	An efficient data-subspace inversion method for 2-D magnetotelluric data. <i>Geophysics</i> , 2000, 65, 791-803.	1.4	360
122	DC trains and Pc3s: Source effects in mid-latitude geomagnetic transfer functions. <i>Geophysical Research Letters</i> , 2000, 27, 25-28.	1.5	29
123	Along strike variations in the electrical structure of the San Andreas Fault at Parkfield, California. <i>Geophysical Research Letters</i> , 2000, 27, 3021-3024.	1.5	112
124	Ocean mixing studied near Hawaiian Ridge. <i>Eos</i> , 2000, 81, 545.	0.1	27
125	High-resolution electromagnetic imaging of the San Andreas Fault in central California. <i>Journal of Geophysical Research</i> , 1999, 104, 1131-1150.	3.3	109
126	Internal structure of the San Andreas fault at Parkfield, California. <i>Geology</i> , 1997, 25, 359.	2.0	161

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127	Accuracy assessment of recent ocean tide models. <i>Journal of Geophysical Research</i> , 1997, 102, 25173-25194.	3.3	255
128	The flux of tidal energy across latitude 60°S. <i>Geophysical Research Letters</i> , 1997, 24, 543-546.	1.5	7
129	Robust multiple-station magnetotelluric data processing. <i>Geophysical Journal International</i> , 1997, 130, 475-496.	1.0	446
130	Tidal data inversion: interpolation and inference. <i>Progress in Oceanography</i> , 1997, 40, 53-80.	1.5	112
131	A TOPEX/POSEIDON global tidal model (TPXO.2) and barotropic tidal currents determined from long-range acoustic transmissions. <i>Progress in Oceanography</i> , 1997, 40, 337-367.	1.5	61
132	Diurnal/semidiurnal polar motion excited by oceanic tidal angular momentum. <i>Journal of Geophysical Research</i> , 1996, 101, 20151-20163.	3.3	80
133	Data assimilation methods for ocean tides. <i>Elsevier Oceanography Series</i> , 1996, , 147-179.	0.1	35
134	Single station magnetotelluric impedance estimation: Coherence weighting and the regression Maximum Likelihood estimate. <i>Geophysics</i> , 1996, 61, 964-970.	1.4	65
135	Diurnal/semidiurnal oceanic tidal angular momentum: Topex/Poseidon Models in comparison with Earth's rotation rate. <i>Geophysical Research Letters</i> , 1995, 22, 1993-1996.	1.5	19
136	TOPEX/POSEIDON tides estimated using a global inverse model. <i>Journal of Geophysical Research</i> , 1994, 99, 24821.	3.3	1,090
137	Imaging crustal structure in southwestern Washington with small magnetometer arrays. <i>Journal of Geophysical Research</i> , 1993, 98, 15967-15985.	3.3	25
138	Noncausality of the discrete-time magnetotelluric impulse response. <i>Geophysics</i> , 1992, 57, 1354-1358.	1.4	21
139	Sampling bias in VGP longitudes. <i>Geophysical Research Letters</i> , 1992, 19, 2353-2356.	1.5	24
140	Very long period magnetotellurics at Tucson Observatory: Implications for mantle conductivity. <i>Journal of Geophysical Research</i> , 1992, 97, 15099-15112.	3.3	75
141	Very long period magnetotellurics at Tucson Observatory: Estimation of impedances. <i>Journal of Geophysical Research</i> , 1992, 97, 15113-15128.	3.3	36
142	On the synthesis of a large geomagnetic array from small overlapping arrays. <i>Geophysical Journal International</i> , 1991, 106, 37-51.	1.0	5
143	Comments On "Concerning dispersion relations for the magnetotelluric impedance tensor" By E. Yee and K. V. Paulson. <i>Geophysical Journal International</i> , 1990, 102, 1-8.	1.0	35
144	A comparison of techniques for magnetotelluric response function estimation. <i>Journal of Geophysical Research</i> , 1989, 94, 14201-14213.	3.3	201

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145	Multivariate analysis of geomagnetic array data: 1. The response space. Journal of Geophysical Research, 1989, 94, 14227-14247.	3.3	49
146	Multivariate analysis of geomagnetic array data: 2. Random source models. Journal of Geophysical Research, 1989, 94, 14249-14265.	3.3	16
147	Stochastic Modeling of the Space-Time Structure of Atmospheric Chemical Deposition. Water Resources Research, 1986, 22, 165-179.	1.7	34
148	Multiple state stochastic models for the long-range transport and removal of atmospheric tracers. Quarterly Journal of the Royal Meteorological Society, 1986, 112, 843-865.	1.0	0
149	Robust estimation of geomagnetic transfer functions. Geophysical Journal International, 1986, 87, 173-194.	1.0	512
150	Tides in the Weddell Sea. Antarctic Research Series, 0, , 341-369.	0.2	69