

Simon Klemperer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/981108/simon-klemperer-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146
papers

8,193
citations

53
h-index

88
g-index

168
ext. papers

8,965
ext. citations

5.6
avg, IF

5.72
L-index

#	Paper	IF	Citations
146	Limited underthrusting of India below Tibet: He/He analysis of thermal springs locates the mantle suture in continental collision.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2113877119	11.5	2
145	Electromagnetic Field Generated by an Earthquake Source Due to Motional Induction in 3D Stratified Media, and Application to 2008 Mw 6.1 Qingchuan Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB022102	3.6	0
144	Crustal-scale wedge tectonics at the narrow boundary between the Tibetan Plateau and Ordos block. <i>Earth and Planetary Science Letters</i> , 2021 , 554, 116700	5.3	17
143	Uplifted marine terraces on Santa Catalina Island, California, USA: COMMENT. <i>Geology</i> , 2021 , 49, e529-e529		
142	Western Gondwana imaged by S receiver-functions (SRF): New results on Moho, MLD (mid-lithospheric discontinuity) and LAB (lithosphere-asthenosphere boundary). <i>Gondwana Research</i> , 2021 , 96, 206-218	5.1	1
141	Love-wave normal modes discriminate between upper-mantle and crustal earthquakes: Simulation and demonstration in Tibet. <i>Earth and Planetary Science Letters</i> , 2021 , 571, 117089	5.3	2
140	A Rapid Response Network to Record Aftershocks of the 2015 Mw 7.8 Gorkha Earthquake in Nepal. <i>Seismological Research Letters</i> , 2020 , 91, 2399-2408	3	4
139	Post-critical SsPmp and its applications to virtual deep seismic sounding (VDSS): back-projection imaging of the crust/mantle boundary in a heterogeneous lithosphere, theory and application. <i>Geophysical Journal International</i> , 2020 , 223, 2166-2187	2.6	0
138	Localized foundering of Indian lower crust in the India-Tibet collision zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24742-24747	11.5	21
137	Coseismic electric and magnetic signals observed during 2017 Jiuzhaigou Mw 6.5 earthquake and explained by electrokinetics and magnetometer rotation. <i>Geophysical Journal International</i> , 2020 , 223, 1130-1143	2.6	7
136	Deep-seated lithospheric geometry in revealing collapse of the Tibetan Plateau. <i>Acta Geologica Sinica</i> , 2019 , 93, 66-66	0.7	
135	Late Quaternary subsidence of Santa Catalina Island, California Continental Borderland, demonstrated by seismic-reflection data and fossil assemblages from submerged marine terraces. <i>Bulletin of the Geological Society of America</i> , 2019 , 131, 21-42	3.9	5
134	Receiver-function imaging of the lithosphere at the Kunlun-Qaidam boundary, Northeast Tibet. <i>Tectonophysics</i> , 2019 , 759, 30-43	3.1	5
133	Post-critical SsPmp and its applications to Virtual Deep Seismic Sounding (VDSS) II: 1-D imaging of the crust/mantle and joint constraints with receiver functions. <i>Geophysical Journal International</i> , 2019 , 219, 1334-1347	2.6	3
132	Multi-stage evolution of the Ordos lithosphere from stochastic inversion of elevation, geoid, surface heat flow, Rayleigh wave dispersion data and magnetotelluric data. <i>Acta Geologica Sinica</i> , 2019 , 93, 101-101	0.7	
131	Detection of a widespread mantle component of ³ He in thermal springs of Lhasa Block and Tethyan Himalaya, eastern Tibet: evidence for roll-back of the Indian-Asian mantle suture south of the Yarlung suture zone, and asthenospheric upwelling beneath the Lhasa block. <i>Acta Geologica Sinica</i> , 2019 , 93, 56-57	0.7	1
130	Mantle-earthquake geothermometry of rejuvenated Proterozoic lithosphere, western Saudi Arabia. <i>Acta Geologica Sinica</i> , 2019 , 93, 102-103	0.7	

129	Lateral variation of the Main Himalayan Thrust controls the rupture length of the 2015 Gorkha earthquake in Nepal. <i>Science Advances</i> , 2019 , 5, eaav0723	14.3	16
128	Duplex in the Main Himalayan Thrust illuminated by aftershocks of the 2015 Mw 7.8 Gorkha earthquake. <i>Nature Geoscience</i> , 2019 , 12, 1018-1022	18.3	20
127	Sycamore Knoll: A wave-planed pop-up structure in a sinistral-oblique thrust system, Southern California Continental Borderland. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018 , 150, 132-145	2.3	1
126	Cross-validation of independent ultra-low-frequency magnetic recording systems for active fault studies. <i>Earth, Planets and Space</i> , 2018 , 70, 57	2.9	7
125	Deep-seated lithospheric geometry in revealing collapse of the Tibetan Plateau. <i>Earth-Science Reviews</i> , 2018 , 185, 751-762	10.2	22
124	Post-critical SsPmp and its applications to Virtual Deep Seismic Sounding (VDSS): sensitivity to lithospheric 1-D and 2-D structure. <i>Geophysical Journal International</i> , 2018 , 215, 880-894	2.6	6
123	Two-stage Red Sea rifting inferred from mantle earthquakes in Neoproterozoic lithosphere. <i>Earth and Planetary Science Letters</i> , 2018 , 497, 92-101	5.3	13
122	Nonuniform subduction of the Indian crust beneath the Himalayas. <i>Scientific Reports</i> , 2017 , 7, 12497	4.9	35
121	Crustal structure of the Ruby Mountains metamorphic core complex, Nevada, from passive seismic imaging 2017 , 13, 1506-1523		4
120	West-East transition from underplating to steep subduction in the India-Tibet collision zone revealed by receiver-function profiles. <i>Earth and Planetary Science Letters</i> , 2016 , 452, 171-177	5.3	28
119	Crustal-scale duplexing beneath the Yarlung Zangbo suture in the western Himalaya. <i>Nature Geoscience</i> , 2016 , 9, 555-560	18.3	104
118	3D imaging of subducting and fragmenting Indian continental lithosphere beneath southern and central Tibet using body-wave finite-frequency tomography. <i>Earth and Planetary Science Letters</i> , 2016 , 443, 162-175	5.3	84
117	Hidden intrabasin extension: Evidence for dike-fault interaction from magnetic, gravity, and seismic reflection data in Surprise Valley, northeastern California 2016 , 12, 15-25		7
116	Rapid variation in upper-mantle rheology across the San Andreas fault system and Salton Trough, southernmost California, USA. <i>Geology</i> , 2016 , 44, 575-578	5	9
115	Weakly coupled lithospheric extension in southern Tibet. <i>Earth and Planetary Science Letters</i> , 2015 , 430, 171-177	5.3	44
114	San Andreas Fault dip, Peninsular Ranges mafic lower crust and partial melt in the Salton Trough, Southern California, from ambient-noise tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3946-3972	3.6	36
113	Receiver function imaging of crustal suture, steep subduction, and mantle wedge in the eastern India-Tibet continental collision zone. <i>Earth and Planetary Science Letters</i> , 2015 , 414, 6-15	5.3	55
112	Mantle fluids in the Karakoram fault: Helium isotope evidence. <i>Earth and Planetary Science Letters</i> , 2013 , 366, 59-70	5.3	93

111	Crustal structure across northeastern Tibet from wide-angle seismic profiling: Constraints on the Caledonian Qilian orogeny and its reactivation. <i>Tectonophysics</i> , 2013 , 606, 140-159	3.1	44
110	Characterizing the Main Himalayan Thrust in the Garhwal Himalaya, India with receiver function CCP stacking. <i>Earth and Planetary Science Letters</i> , 2013 , 367, 15-27	5.3	149
109	Normal faulting from simple shear rifting in South Tibet, using evidence from passive seismic profiling across the Yadong-Gulu Rift. <i>Tectonophysics</i> , 2013 , 606, 178-186	3.1	27
108	Ambient-noise tomography of north Tibet limits geological terrane signature to upper-middle crust. <i>Geophysical Research Letters</i> , 2013 , 40, 808-813	4.9	15
107	Crustal shear (S) velocity and Poisson's ratio structure along the INDEPTH IV profile in northeast Tibet as derived from wide-angle seismic data. <i>Geophysical Journal International</i> , 2012 , 191, 369-384	2.6	24
106	A complex Tibetan upper mantle: A fragmented Indian slab and no south-verging subduction of Eurasian lithosphere. <i>Earth and Planetary Science Letters</i> , 2012 , 333-334, 101-111	5.3	91
105	Injection of Tibetan crust beneath the south Qaidam Basin: Evidence from INDEPTH IV wide-angle seismic data. <i>Journal of Geophysical Research</i> , 2011 , 116,		90
104	Crustal structure beneath the Sub-Himalayan fold-thrust belt, Kangra recess, northwest India, from seismic reflection profiling: Implications for Late Paleoproterozoic orogenesis and modern earthquake hazard. <i>Earth and Planetary Science Letters</i> , 2011 , 308, 218-228	5.3	46
103	ATV magnetometer systems for efficient ground magnetic surveying. <i>The Leading Edge</i> , 2011 , 30, 394-398		3
102	Crustal structure of the Paleozoic Kunlun orogeny from an active-source seismic profile between Moba and Guide in East Tibet, China. <i>Gondwana Research</i> , 2011 , 19, 994-1007	5.1	65
101	Crustal structure of the Tethyan Himalaya, southern Tibet: new constraints from old wide-angle seismic data. <i>Geophysical Journal International</i> , 2010 ,	2.6	10
100	The northwestern margin of the Basin-and-Range Province, part 1: Reflection profiling of the moderate-angle (~30°) Surprise Valley Fault. <i>Tectonophysics</i> , 2010 , 488, 143-149	3.1	11
99	Test of deep seismic reflection profiling across central uplift of Qiangtang terrane in Tibetan plateau. <i>Journal of Earth Science (Wuhan, China)</i> , 2009 , 20, 438-447	2.2	10
98	Partial melt in the upper-middle crust of the northwest Himalaya revealed by Rayleigh wave dispersion. <i>Tectonophysics</i> , 2009 , 477, 58-65	3.1	87
97	Low lower crustal velocity across Ethiopia: Is the Main Ethiopian Rift a narrow rift in a hot craton?. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	71
96	Three-dimensional crustal structure of the Mariana island arc from seismic tomography. <i>Journal of Geophysical Research</i> , 2008 , 113,		69
95	Nature of the crust beneath northwest Basin and Range province from teleseismic receiver function data. <i>Journal of Geophysical Research</i> , 2008 , 113,		14
94	U.S. Passive Margins: Are We Missing an Important Opportunity?. <i>Eos</i> , 2008 , 89, 64	1.5	

93	Seismology Across the Northeastern Edge of the Tibetan Plateau. <i>Eos</i> , 2008 , 89, 487-487	1.5	12
92	Discontinuous and diachronous evolution of the Main Ethiopian Rift: Implications for development of continental rifts. <i>Earth and Planetary Science Letters</i> , 2008 , 265, 96-111	5.3	106
91	Integration of the NEES T-Rex Vibrator and PASSCAL Texan Recorders for Seismic Profiling of Shallow and Deep Crustal Targets. <i>Seismological Research Letters</i> , 2008 , 79, 41-46	3	3
90	Reconciling lithospheric deformation and lower crustal flow beneath central Tibet: COMMENT and REPLY: COMMENT. <i>Geology</i> , 2008 , 36, e180-e180	5	4
89	Crustal structure of the northwestern Basin and Range Province and its transition to unextended volcanic plateaus. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	28
88	Temporal geochemical variation in Ethiopian Lakes Shala, Arenguade, Awasa, and Beseka: Possible environmental impacts from underwater and borehole detonations. <i>Journal of African Earth Sciences</i> , 2007 , 48, 174-198	2.2	21
87	Crustal structure and evolution of the Mariana intra-oceanic island arc. <i>Geology</i> , 2007 , 35, 203	5	152
86	Seismoelectric imaging of shallow targets. <i>Geophysics</i> , 2007 , 72, G9-G20	3.1	66
85	Seismic Anisotropy in the Asthenosphere Beneath the Eifel Region, Western Germany 2007 , 439-464		3
84	Crustal flow in Tibet: geophysical evidence for the physical state of Tibetan lithosphere, and inferred patterns of active flow. <i>Geological Society Special Publication</i> , 2006 , 268, 39-70	1.7	117
83	Reply to comment by P.J. O'Brien on: The onset of India-Asia continental collision: Early, steep subduction required by the timing of UHP metamorphism in the western Himalaya by Mary L. Leech, S. Singh, A.K. Jain, Simon L. Klemperer and R.M. Manickavasagam, <i>Earth Planetary Science Letters</i> 234 (2005) 83-87. <i>Earth and Planetary Science Letters</i> , 2006 , 245, 817-820	5.3	3
82	Modeling sideswipe in 2D oceanic seismic surveys from sonar data: Application to the Mariana arc. <i>Tectonophysics</i> , 2006 , 420, 333-343	3.1	4
81	Crustal structure of the northern Main Ethiopian Rift from the EAGLE controlled-source survey; a snapshot of incipient lithospheric break-up. <i>Geological Society Special Publication</i> , 2006 , 259, 269-292	1.7	65
80	Distributed Nubia-Somalia relative motion and dike intrusion in the Main Ethiopian Rift. <i>Geophysical Journal International</i> , 2006 , 165, 303-310	2.6	71
79	The onset of India-Asia continental collision: Early, steep subduction required by the timing of UHP metamorphism in the western Himalaya. <i>Earth and Planetary Science Letters</i> , 2005 , 234, 83-97	5.3	441
78	Seismic stratigraphy of Detroit Seamount, Hawaiian-Emperor seamount chain: Post-hot-spot shield-building volcanism and deposition of the Meiji drift. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	14
77	West-east variation in crustal thickness in northern Lhasa block, central Tibet, from deep seismic sounding data. <i>Journal of Geophysical Research</i> , 2005 , 110,		74
76	METHODOLOGICAL INSIGHTS: Using seismic sensors to detect elephants and other large mammals: a potential census technique. <i>Journal of Applied Ecology</i> , 2005 , 42, 587-594	5.8	22

75	Shear-wave splitting around the Eifel hotspot: evidence for a mantle upwelling. <i>Geophysical Journal International</i> , 2005 , 163, 962-980	2.6	70
74	Shear wave splitting around hotspots: Evidence for upwelling-related mantle flow? 2005 ,		8
73	Three-dimensional seismic imaging of a protoridge axis in the Main Ethiopian rift. <i>Geology</i> , 2004 , 32, 949	5	141
72	Development of Electroseismic Experimental Methods 2004 ,		2
71	Detection of southward intracontinental subduction of Tibetan lithosphere along the Bangong-Nujiang suture by P-to-S converted waves. <i>Geology</i> , 2004 , 32, 209	5	53
70	Deep reflection surveying in central Tibet: lower-crustal layering and crustal flow. <i>Geophysical Journal International</i> , 2004 , 156, 115-128	2.6	47
69	Crustal structure of seismic velocity in southern tibet and east-westward escape of the crustal material. <i>Science in China Series D: Earth Sciences</i> , 2004 , 47, 500-506		14
68	On the relationship between extension and anisotropy: Constraints from shear wave splitting across the East African Plateau. <i>Journal of Geophysical Research</i> , 2004 , 109,		70
67	Seismic waves from elephant vocalizations: A possible communication mode?. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	17
66	Shear-wave splitting in Ethiopia: Precambrian mantle anisotropy locally modified by Neogene rifting. <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	60
65	Shear-wave splitting beneath the Snake River Plain suggests a mantle upwelling beneath eastern Nevada, USA. <i>Earth and Planetary Science Letters</i> , 2004 , 222, 529-542	5.3	28
64	Crustal structure and exhumation of the Dabie Shan ultrahigh-pressure orogen, eastern China, from seismic reflection profiling. <i>Geology</i> , 2003 , 31, 435	5	55
63	Crustal structure and exhumation of the Dabie Shan ultrahigh-pressure orogen, eastern China, from seismic reflection profiling: Comment and Reply. <i>Geology</i> , 2003 , 31, e39-e39	5	
62	INDEPTH III seismic data: From surface observations to deep crustal processes in Tibet. <i>Tectonics</i> , 2003 , 22, n/a-n/a	4.3	102
61	Reply to Shear-wave splitting to test mantle deformation models around Hawaii by Vinnik et al.. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	10
60	Tectonic Evolution of the Bristol Bay basin, southeast Bering Sea: Constraints from seismic reflection and potential field data. <i>Tectonics</i> , 2003 , 22, n/a-n/a	4.3	2
59	Geophysical project in Ethiopia studies continental breakup. <i>Eos</i> , 2003 , 84, 337	1.5	47
58	Seismic imaging of the downwelling Indian lithosphere beneath central Tibet. <i>Science</i> , 2003 , 300, 1424-733.3		258

57	An Overview of the Izu-Bonin-Mariana Subduction Factory. <i>Geophysical Monograph Series</i> , 2003 , 175-222	1.1	174
56	Crustal structure of the Bering and Chukchi shelves: Deep seismic reflection profiles across the North American continent between Alaska and Russia 2002 ,		31
55	Analysis of Ultralow-Frequency Electromagnetic Field Measurements Associated with the 1999 M 7.1 Hector Mine, California, Earthquake Sequence. <i>Bulletin of the Seismological Society of America</i> , 2002 , 92, 1513-1524	2.3	29
54	Crustal structure across the Bering Strait, Alaska: Onshore recordings of a marine seismic survey 2002 ,		3
53	Constraints on the age of formation of seismically reflective middle and lower crust beneath the Bering Shelf: SHRIMP zircon dating of xenoliths from Saint Lawrence Island 2002 ,		2
52	Characteristics of volcanic rifted margins 2002 ,		65
51	Ultra-low frequency electromagnetic measurements associated with the 1998 Mw 5.1 San Juan Bautista, California earthquake and implications for mechanisms of electromagnetic earthquake precursors. <i>Tectonophysics</i> , 2002 , 359, 65-79	3.1	20
50	Crustal structure of central Tibet as derived from project INDEPTH wide-angle seismic data. <i>Geophysical Journal International</i> , 2001 , 145, 486-498	2.6	153
49	Shear-wave splitting to test mantle deformation models around Hawaii. <i>Geophysical Research Letters</i> , 2001 , 28, 4319-4322	4.9	42
48	A Transportable System for Monitoring Ultralow Frequency Electromagnetic Signals Associated with Earthquakes. <i>Seismological Research Letters</i> , 2000 , 71, 423-436	3	13
47	CDP mapping to obtain the fine structure of the crust and upper mantle from seismic sounding data: an example for the southeastern China. <i>Physics of the Earth and Planetary Interiors</i> , 2000 , 122, 133-146	2.2	31
46	Crustal structure transition from oceanic arc to continental arc, eastern Aleutian Islands and Alaska Peninsula. <i>Earth and Planetary Science Letters</i> , 2000 , 179, 567-579	5.3	79
45	Three-dimensional seismic model of the Sierra Nevada arc, California, and its implications for crustal and upper mantle composition. <i>Journal of Geophysical Research</i> , 2000 , 105, 10899-10921		86
44	Vertical extent of the newborn San Andreas fault at the Mendocino triple junction. <i>Geology</i> , 2000 , 28, 1111-1114	5	2
43	Structure of an island-arc: Wide-angle seismic studies in the eastern Aleutian Islands, Alaska. <i>Journal of Geophysical Research</i> , 1999 , 104, 10667-10694		77
42	Measuring the seismic properties of Tibetan bright spots: Evidence for free aqueous fluids in the Tibetan middle crust. <i>Journal of Geophysical Research</i> , 1999 , 104, 10795-10825		116
41	Midcrustal reflector on INDEPTH wide-angle profiles: An ophiolitic slab beneath the India-Asia suture in southern Tibet?. <i>Tectonics</i> , 1999 , 18, 793-808	4.3	65
40	Crustal deformation of the Lhasa terrane, Tibet plateau from Project INDEPTH deep seismic reflection profiles. <i>Tectonics</i> , 1998 , 17, 501-519	4.3	56

39	Ophiolitic basement to a forearc basin and implications for continental growth: The Coast Range/Great Valley ophiolite, California. <i>Tectonics</i> , 1998 , 17, 558-570	4.3	53
38	Fluids in the lower crust following Mendocino triple junction migration: Active basaltic intrusion?. <i>Geology</i> , 1998 , 26, 171	5	32
37	Location of the southern edge of the Gorda slab and evidence for an adjacent asthenospheric window: Results from seismic profiling and gravity. <i>Journal of Geophysical Research</i> , 1998 , 103, 30101-30115		29
36	Ophiolitic basement to the Great Valley forearc basin, California, from seismic and gravity data: Implications for crustal growth at the North American continental margin. <i>Bulletin of the Geological Society of America</i> , 1997 , 109, 1536-1562	3.9	87
35	Modeling Low-frequency Magnetic-field Precursors to the Loma Prieta Earthquake with a Precursory Increase in Fault-zone Conductivity. <i>Pure and Applied Geophysics</i> , 1997 , 150, 217-248	2.2	55
34	Structural elements of the southern Tethyan Himalaya crust from wide-angle seismic data. <i>Tectonics</i> , 1996 , 15, 997-1005	4.3	63
33	Seismic reflections from the near-vertical San Andreas Fault. <i>Geophysical Research Letters</i> , 1996 , 23, 237-240		21
32	Partially Molten Middle Crust Beneath Southern Tibet: Synthesis of Project INDEPTH Results. <i>Science</i> , 1996 , 274, 1684-8	33.3	914
31	INDEPTH Wide-Angle Reflection Observation of P-Wave-to-S-Wave Conversion from Crustal Bright Spots in Tibet. <i>Science</i> , 1996 , 274, 1690-1	33.3	123
30	Three-dimensional crustal structure of the southern Sierra Nevada from seismic fan profiles and gravity modeling. <i>Geology</i> , 1996 , 24, 367-370	5	68
29	Transition from slab to slabless: Results from the 1993 Mendocino triple junction seismic experiment. <i>Geology</i> , 1996 , 24, 195	5	39
28	Seismic evidence for a lower-crustal detachment beneath san francisco bay, california. <i>Science</i> , 1994 , 265, 1436-9	33.3	66
27	Deep seismic reflection evidence for continental underthrusting beneath southern Tibet. <i>Nature</i> , 1993 , 366, 557-559	50.4	567
26	Deep structure of southern Ireland: a new geological synthesis using BIRPS deep reflection profiling. <i>Journal of the Geological Society</i> , 1992 , 149, 915-922	2.7	17
25	Introduction: deep crustal probing. <i>Precambrian Research</i> , 1992 , 55, 169-172	3.9	1
24	High electrical conductivity in a model lower crust with unconnected, conductive, seismically reflective layers. <i>Geophysical Journal International</i> , 1992 , 108, 895-905	2.6	40
23	A deep seismic reflection transect across the Irish Caledonides. <i>Journal of the Geological Society</i> , 1991 , 148, 149-164	2.7	79
22	Crustal structure of the central and southern North Sea from BIRPS deep seismic reflection profiling. <i>Journal of the Geological Society</i> , 1991 , 148, 445-457	2.7	41

21	Reflections from mantle fault zones around the British Isles. <i>Geology</i> , 1990 , 18, 528	5	43
20	Dating the source of lower crystal reflectivity using BIRPS deep Seismic profiles across the Iapetus suture. <i>Tectonophysics</i> , 1990 , 173, 445-454	3.1	20
19	Short Paper: Seismic reflection evidence for the location of the Iapetus suture west of Ireland. <i>Journal of the Geological Society</i> , 1989 , 146, 409-412	2.7	39
18	A Comparison of the Moho Interpreted From Gravity Data and From Deep Seismic Reflection Data In the Northern North Sea. <i>Geophysical Journal International</i> , 1989 , 97, 247-258	2.6	27
17	Lower-crustal porosity from electrical measurements and inferences about composition from seismic velocities. <i>Geophysical Research Letters</i> , 1989 , 16, 255-258	4.9	43
16	Deep seismic reflection profiling and the growth of the continental crust. <i>Tectonophysics</i> , 1989 , 161, 233-244	3.1	37
15	Structure and Stratigraphy of the Porcupine Basin Relationships to Deep Crustal Structure and the Opening of the North Atlantic 1989 ,		18
14	Processing Birps Deep Seismic Reflection Data: A Tutorial Review 1989 , 229-257		12
13	Crustal thinning and nature of extension in the northern North Sea from deep seismic reflection profiling. <i>Tectonics</i> , 1988 , 7, 803-821	4.3	94
12	The deep structure of northern England and the Iapetus Suture zone from BIRPS deep seismic reflection profiles. <i>Journal of the Geological Society</i> , 1988 , 145, 727-740	2.7	114
11	Overview of the COCORP 40°N Transect, western United States: The fabric of an orogenic belt. <i>Bulletin of the Geological Society of America</i> , 1987 , 98, 308	3.9	150
10	Seismic noise-reduction techniques for use with vertical stacking: An empirical comparison. <i>Geophysics</i> , 1987 , 52, 322-334	3.1	18
9	Nature and distribution of deformation across the Banda Arc Australian collision zone at Timor. <i>Bulletin of the Geological Society of America</i> , 1987 , 98, 18	3.9	96
8	Iapetus suture located beneath the North Sea by BIRPS deep seismic reflection profiling. <i>Geology</i> , 1987 , 15, 195	5	65
7	Crustal structure of western Nevada from COCORP deep seismic-reflection data. <i>Bulletin of the Geological Society of America</i> , 1987 , 98, 320	3.9	32
6	Wide-angle deep crustal reflections in the northern Appalachians. <i>Geophysical Journal International</i> , 1987 , 89, 183-188	2.6	23
5	Reflectivity of the crystalline crust: hypotheses and tests. <i>Geophysical Journal International</i> , 1987 , 89, 217-222	2.6	53
4	The Moho in the northern Basin and Range province, Nevada, along the COCORP 40°N seismic-reflection transect. <i>Bulletin of the Geological Society of America</i> , 1986 , 97, 603	3.9	231

3	Interpreting the deep structure of rifts with synthetic seismic sections. <i>Geodynamic Series</i> , 1986 , 301-311	15
2	Some results of COCORP seismic reflection profiling in the Grenville-age Adirondack Mountains, New York State. <i>Canadian Journal of Earth Sciences</i> , 1985 , 22, 141-153	1.5 44
1	Simulations of noise rejection and mantissa-only recording: An experiment in high-amplitude noise reduction with COCORP data. <i>Geophysics</i> , 1985 , 50, 709-714	3.1 4