

2025年111种国外地球物理期刊分级

1级：25种（红色字体），2级：37种（绿色字体），3级：49种（黑色字体）

No.	Journal name	Total Citations	2020/2024 JIF	JIF Quartile	2020/2024 JCI	% of OA Gold	Category	issn	eissn	sci收录情况 (0未收录, 1收录)	ei收录情况 (0未收录, 1收录)	出版社	国家、语言 (缺省为英)
1	REVIEWS OF GEOPHYSICS	16520	25.2	Q1	2.99	0.5593	Geochemistry & Geophysics - Scie	8755-1209	1944-9208	SCIE	0	AMER GEOPHYSICAL	United States
2	Nature Geoscience	31641	16.9	Q1	4.46	0	Geosciences, Multidisciplinary - Scie	1752-0894	1752-0908	SCIE	0	Nature Publishing Group	United Kingdom
3	IEEE Geoscience and Remote Sensing Magazine	4021	16.2	Q1	2.72	0	Geochemistry & Geophysics - Scie	2473-2397	2168-6831	SCIE	0	IEEE-	
4	Annual Review Of Earth And Planetary Sciences	10307	12.81	Q1	n/a	0.0303	Geosciences, Multidisciplinary - Scie	0084-6597	1545-4495	SCIE	0	Annual Reviews Inc.	United States
5	Earth-Science Reviews	27304	12.41	Q1	2.11	0.1198	Geosciences, Multidisciplinary - Scie	0012-8252	1872-6828	SCIE	0	Elsevier BV	Netherlands
6	Water Research	139373	11.4	Q1			Geochemistry & Geophysics - Scie	0043-1354	1879-2448	SCI	0		
7	Annual Reviews of Earth Planetary Sciences	10278	11.3	Q1			Geochemistry & Geophysics - Scie	0084-6597	1545-4495	SCI	0		
8	Isprs Journal of Photogrammetry and Remote Sensing	26847	10.6	Q1			Geochemistry & Geophysics - Scie	0924-2716	1872-8235	SCI	0		
9	Advances in Geo-Energy Research	1546	9	Q1	1.34	100%	Geosciences, Multidisciplinary - Scie	2207-9963	2208-598X	ESCI	EI	Yandy Scientific Press	Hong Kong
10	Advances in Geophysics	701	7.33	Q1	n/a	0.00%	Geosciences, Multidisciplinary - Scie	0065-2687	2162-7622	SCIE	0	Elsevier Inc.	United States

11	Hydrology And Earth System Sciences	24,835	5.75	Q1	1.62	100.00%	Geosciences, Multidisciplinary - Scie	1027-5606	1607-7938	SCIE	0	Copernicus GmbH	Germany
12	Earth System Dynamics	2,232	5.54	Q1	1.33	100.00%	Geosciences, Multidisciplinary - Scie	2190-4979	2190-4987	SCIE	0	Copernicus Gesellschaft mbH	Germany
13	Global And Planetary Change	13,351	5.11	Q1	1.41	8.83%	Geosciences, Multidisciplinary - Scie	0921-8181	1872-6364	SCIE	0	Elsevier BV	Netherlands
14	SURVEYS IN GEOPHYSICS	4,597	4.9	Q1	1.09	37.87%	Geochemistry & Geophysics - Scie	0169-3298	1573-0956	SCIE	0	SPRINGER	Netherlands
15	EARTH AND PLANETARY SCIENCE LETTERS	67,169	4.8	Q1	1.51	29.41%	Geochemistry & Geophysics - Scie	0012-821X	1385-013X	SCIE	0	ELSEVIER	Netherlands
16	Geology	39547	4.8	Q1			Geosciences, Multidisciplinary - Scie	0091-7613	1943-2682	SCIE	0		
17	Geophysical Research Letters	122,202	4.72	Q1	1.43	25.84%	Geosciences, Multidisciplinary - Scie	0094-8276	1944-8007	SCIE	0	Wiley-Blackwell	United States
18	Geothermics	5,917	4.28	Q1	0.96	9.09%	Geosciences, Multidisciplinary - Scie	0375-6505	1879-3506	SCIE	0	Elsevier Ltd.	United Kingdom
19	Soil Dynamics And Earthquake Engineering	158362	4.2	Q1	1.11	1.89%	Geosciences, Multidisciplinary - Scie	0267-7261	1879-341X	SCIE	0	ELSEVIER SCI LTD	United States
20	Journal Of Geophysical Research F: Earth Surface	10,249	4.04	Q1	1.21	25.38%	Geosciences, Multidisciplinary - Scie	2169-9003	2169-9011	SCIE	0	Wiley-Blackwell Publishing, Inc.	United Kingdom
21	Journal Of Earthquake Engineering	3,970	3.99	Q2	0.99	0.24%	Geosciences, Multidisciplinary - Scie	1363-2469	1363-2469	SCIE	0	Taylor & Francis	United Kingdom
22	JOURNAL OF GEOPHYSICAL RESEARCH-	16,109	3.9	Q1	1.26	38.62%	Geochemistry & Geophysics - Scie	2169-9097	2169-9100	SCIE	0	AMER GEOPHYSICAL	

23	JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH	60,795	3.9	Q1	1.11	31.23%	Geochemistry & Geophysics - Scie	2169-9313	2169-9356	SCIE	0	AMER GEOPHYSICAL UNION	United States
24	Journal Of Geophysical Research E: Planets	13,089	3.9	Q1	1.26	22.63%	Geochemistry & Geophysics - Scie	2169-9097	2169-9100	SCIE	0	Wiley-Blackwell Publishing, Inc.	United Kingdom
25	Geophysics	32,314	3	Q1	0.86	2.95%	Geochemistry & Geophysics - Scie	0016-8033	1942-2156	SCIE	0	SOC EXPLORATION GEOPHYSICISTS - SEG	United States
1	Earth Surface Dynamics	1,494	4.39	Q1	1.25	100.00%	Geosciences, Multidisciplinary - Scie	2196-6311	2196-632X	SCIE	0	Copernicus Publications	Germany
2	Natural Hazards and Earth System Sciences	126302	4.2	Q1	0.98		Geosciences, Multidisciplinary - Scie	1561-8633	1684-9981	SCIE	0	Copernicus Gesellschaften	Germany
3	Computers and Geosciences	5700	4.2	Q1	0.83	7.61%	Geosciences, Multidisciplinary - Scie	0098-3004	1873-7803	SCIE	0	PERGAMON-ELSEVIER SCIENCE LTD	United Kingdom
4	IEEE Geoscience and Remote Sensing Letters	25,929	4	Q1	1.09	4.54%	Geosciences, Multidisciplinary - Scie	1545-598X	1558-0571	SCIE	0	IEEE	United States
5	Geoscience Letters	3359	4	Q1	0.67	100.00%	Geosciences, Multidisciplinary - Scie	2196-4092	2196-4092	SCIE	0	Springer Open	United Kingdom
6	Geomechanics And Geophysics For Geo-Energy And Geo-Resources	8272	3.9	Q3	1.05	5.00%	Geosciences, Multidisciplinary - Scie	2363-8419	2363-8427	SCIE	0	Springer	Switzerland

7	JOURNAL OF GEODESY	7,684	3.9	Q1	0.97	43.75%	Geochemistry & Geophysics - Scie	0949-7714	1432-1394	SCIE	0	SPRINGER	Germany
8	Bulletin Of Earthquake Engineering	68391	3.8	Q2	1.14	11.64%	Geosciences, Multidisciplinary - Scie	1570-761X	1573-1456	SCIE	0	SPRINGER	Netherlands
9	Bulletin Of Volcanology	68270	3.6	Q1	0.97	16.06%	Geosciences, Multidisciplinary - Scie	0258-8900	1432-0819	SCIE	0	Springer Verlag	Germany
10	Progress in Earth and Planetary Science	10114	3.5	Q1	0.74	100.00%	Geosciences, Multidisciplinary - Scie	2197-4284	2197-4284	SCIE	0	Springer Open	United Kingdom
11	Jounal of Metamorphic Geology	5987	3.5	Q1			Geosciences, Multidisciplinary - Scie	0263-4929	1525-1314	SCIE	0		
12	Lithosphere	1,709	3.38	Q1	1.31	100.00%	Geology - Scie; Geochemistry & Geophysics - Scie	1941-8264	1947-4253	SCIE	0	Geological Society of America	United States
13	Natural Hazards	212654	3.3	Q2	0.82		Geochemistry & Geophysics - Scie	0921-030X	1573-0840	SCIE	0	SPRINGER	
14	JOURNAL OF PETROLOGY	16,236	3.3	Q1	0.97	21.15%	Geosciences, Multidisciplinary - Scie	0022-3530	1460-2415	SCIE	0	OXFORD UNIV PRESS	
15	TECTONICS	14,614	3.3	Q1	1.09	35.01%	Geochemistry & Geophysics - Scie; Geosciences, Multidisciplinary - Scie	0278-7407	1944-9194	SCIE	0	AMER GEOPHYS ICAL UNION	United States
16	Solid Earth	3,116	3.2	Q1	0.96	99.28%	Geochemistry & Geophysics - Scie	1869-9510	1869-9529	SCIE	EI	Copernicus Gesellschaft mbH	Germany
17	Earthquake Spectra	76324	3.1	Q2	1.03		Geosciences, Multidisciplinary - Scie	8755-2930	1944-8201	SCIE	EI	SAGE	United States

18	Earth Planets and Space	83431	3	Q2	0.8	100.00%	Geosciences, Multidisciplinary - Scie	1880-5981	1880-5981	SCIE	0	Springer International Publishing	Switzerland
19	Journal of Earth Science	1,921	2.91	Q2	0.71	0.93%	Geosciences, Multidisciplinary - Scie	1674-487X	1867-111X	SCIE	0		
20	GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS	19,697	2.9	Q2	0.87	65.07%	Geochemistry & Geophysics - Scie	1525-2027	1525-2027	SCIE	0	AMER GEOPHYS ICAL	United States
21	Earth and Space Science	1,470	2.9	Q2	0.69	100.00%	Geosciences, Multidisciplinary - Scie	2333-5084	2333-5084	SCIE	0	Wiley-Blackwell Publishing Ltd	United Kingdom
22	Earth Science Informatics	833	2.88	Q2	0.64	7.23%	Geosciences, Multidisciplinary - Scie	1865-0473	1865-0481	SCIE	0	Springer Verlag	Germany
23	GEOPHYSICAL JOURNAL INTERNATIONAL	33,814	2.8	Q2	0.86	24.05%	Geochemistry & Geophysics - Scie	0956-540X	1365-246X	SCIE	0	OXFORD UNIV PRESS	United Kingdom
24	Mathematical Geosciences	17762	2.8	Q2	0.78	19.88%	Geosciences, Multidisciplinary - Scie	1874-8953	1874-8961	SCIE	0	SPRINGER HEIDELB ERG	Germany
25	Advances In Space Research	13,721	2.8	Q2	0.76	3.45%	Geosciences, Multidisciplinary - Scie	0273-1177	1879-1948	SCIE	0	ELSEVIER SCI LTD	United Kingdom
26	Geodesy and Geodynamics	1,061	2.8	Q2	0.66	96.91%	Geochemistry & Geophysics - Scie	1674-9847	1674-9847	ESCI	0	KEAI PUBLISHI NG LTD	
27	Geothermal Energy	500	2.8	Q2	0.57	100.00%	Geosciences, Multidisciplinary - Scie	2195-9706	2195-9706	SCIE	0	Springer Science + Business Media	United States
28	Environmental Earth Sciences	22,969	2.78	Q2	0.69	3.89%	Geosciences, Multidisciplinary - Scie	1866-6280	1866-6299	SCIE	0	Springer Verlag	Germany

29	Earth Interactions	1,098	2.76	Q2	0.84	0.00%	Geosciences, Multidisciplinary - Scie	1087-3562	1087-3562	SCIE	0	American Meteorological Society	United States
30	Physics and Chemistry of the Earth	5,794	2.71	Q3	0.74	5.04%	Geosciences, Multidisciplinary - Scie	1474-7065	1873-5193	SCIE	0	Elsevier Ltd.	United Kingdom
31	Journal of Asian Earth Sciences	229632	2.7	Q2	0.67	1.06%	Geosciences, Multidisciplinary - Scie	1367-9120	1878-5786	SCIE	0	PERGAMON-ELSEVIER SCIENCE LTD	United Kingdom
32	TECTONOPHYSICS	30,169	2.7	Q2	0.81	15.79%	Geochemistry & Geophysics - Scie	0040-1951	1879-3266	SCIE	0	ELSEVIER	
33	Marine Geophysical Research	1,362	2.69	Q2	0.93	14.58%	Geochemistry & Geophysics - Scie	0025-3235	1573-0581	SCIE	0	Kluwer Academic Publishers	Netherlands
34	Groundwater	7,084	2.67	Q3	0.74	12.41%	Geosciences, Multidisciplinary - Scie	0017-467X	1745-6584	SCIE	0	Wiley-Blackwell	United States
35	SEISMOLOGICAL RESEARCH LETTERS	62075	2.6	Q2	0.96	0.00%	Geochemistry & Geophysics - Scie	0895-0695	1938-2057	SCIE	0	SEISMOLOGICAL SOC	
36	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	21,399	2.6	Q2	0.84	0.00%	Geochemistry & Geophysics - Scie	0037-1106	1943-3573	SCIE	0	SEISMOLOGICAL SOC AMER	United States
37	PHYSICS OF THE EARTH AND PLANETARY INTERIORS	7,829	2.4	Q2	0.68	14.46%	Geochemistry & Geophysics - Scie	0031-9201	1872-7395	SCIE	0	ELSEVIER	
1	Journal Of African Earth Sciences	86810	2.2	Q2	0.6	0.46%	Geosciences, Multidisciplinary - Scie	1464-343X	1879-1956	SCIE	0	PERGAMON-ELSEVIER SCIENCE LTD	United Kingdom

2	Journal Of Applied Geophysics	79907	2.2	Q2	0.61	2.93%	Geosciences, Multidisciplinary - Scie	0926-9851	1879-1859	SCIE	0	Elsevier BV	Netherlands
3	Computational Geosciences	31470	2.2	Q3	0.83	21.00%	Geosciences, Multidisciplinary - Scie	1420-0597	1573-1499	SCIE	0	SPRINGER	Netherlands
4	METEORITICS & PLANETARY SCIENCE	6,841	2.2	Q2	0.64	36.24%	Geosciences, Multidisciplinary - Esci	1086-9379	1945-5100	SCIE	0	WILEY	
5	JOURNAL OF GEODYNAMICS	3,044	2.1	Q2	0.64	16.67%	Geochemistry & Geophysics - Scie	0264-3707	1879-1670	SCIE	0	PERGAMON-ELSEVIER SCIENCE LTD	United Kingdom
6	Journal of Earthquake and Tsunami	656	2.1	Q2	0.48	1.09%	Geochemistry & Geophysics - Scie	1793-4311	1793-7116	SCIE	0	WORLD SCIENTIFIC PUBL CO PTE	United States
7	Geosciences Journal	1,606	2.08	Q3	0.5	0.00%	Geosciences, Multidisciplinary - Scie	1226-4806	1598-7477	SCIE	0	Geological Society of Korea	South Korea
8	Frontiers In Earth Science	55468	2	Q3	0.58	100.00%	Geosciences, Multidisciplinary - Scie	2296-6463	2296-6463	SCIE	0	Frontiers Media S.A.	Switzerland
9	Acta Geophysica	2,848	2	Q2	0.61	8.05%	Geochemistry & Geophysics - Scie	1895-6572	1895-7455	SCIE	0	SPRINGER INT PUBL AG	Germany
10	MARINE GEODESY	1,246	2	Q2	0.51	11.25%	Geosciences, Multidisciplinary - Scie	0149-0419	1521-060X	SCIE	0	TAYLOR & FRANCIS	
11	Petroleum Geoscience	20233	1.9	Q3	0.53	0.98%	Geosciences, Multidisciplinary - Scie	1354-0793	1354-0793	SCIE	0	Geological Society Publishing House	United Kingdom
12	PURE AND APPLIED	8,694	1.9	Q2	0.57	13.61%	Geochemistry & Geophysics - Scie	0033-4553	1420-9136	SCIE	0	SPRINGER BASEL AG	

13	DYNAMICS OF ATMOSPHERES AND OCEANS	1,449	1.9	Q2	0.49	13.70%	Geochemistry & Geophysics - Scie	0377-0265	1872-6879	SCIE	0	ELSEVIER	Netherlands
14	Earthquake Science	694	1.9	Q2	0.42	100.00%	Geochemistry & Geophysics - Scie	1674-4519	1867-8777	ESCI	0	KEAI PUBLISHING LTD	
15	Annales Geophysicae	6,238	1.88	Q3	0.45	100.00%	Geosciences, Multidisciplinary - Scie	0992-7689		SCIE	0	Copernicus Gesellschaft en,	Germany
16	Italian Journal Of Geosciences	676	1.85	Q3	0.65	0.00%	Geosciences, Multidisciplinary - Scie	2038-1719	2038-1727	SCIE	0	Societa Geologica Italiana	Italy
17	Arabian Journal Of Geosciences	10,206	1.83	Q3	0.46	1.57%	Geosciences, Multidisciplinary - Scie	1866-7511	1866-7538	SCIE	0	Springer Verlag	Germany
18	New Zealand Journal Of Geology And Geophysics	2,422	1.8	Q2	0.55	0.78%	Geology - Scie; Geosciences, Multidisciplinary - Scie	0028-8306	1175-8791	SCIE	0	Taylor & Francis Asia Pacific (Singapore)	United Kingdom
19	International Journal Of Earth Sciences	82879	1.8	Q3	0.53	13.36%	Geosciences, Multidisciplinary - Scie	1437-3254	1437-3262	SCIE	0	Springer Verlag	Germany
20	Swiss Journal Of Geosciences	11233	1.8	Q3	0.93	35.29%	Geosciences, Multidisciplinary - Scie	1661-8726	1161-8734	SCIE	0	SPRINGER INT PUBL AG	Switzerland
21	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	7,386	1.8	Q3	0.47	14.59%	Geochemistry & Geophysics - Scie	1364-6826	1879-1824	SCIE	0	PERGAMON-ELSEVIER SCIENCE LTD	United Kingdom
22	GEOPHYSICAL PROSPECTING	5,475	1.8	Q3	0.52	21.37%	Geochemistry & Geophysics - Scie	0016-8025	1365-2478	SCIE	0	WILEY	United Kingdom
23	Nonlinear Processes In Geophysics	2,278	1.74	Q4	0.55	100.00%	Geosciences, Multidisciplinary - Scie	1023-5809	1607-7946	SCIE	0	Copernicus GmbH	Germany

24	Journal Of South American Earth Sciences	71581	1.7	Q3	0.47	1.18%	Geosciences, Multidisciplinary - Scie	0895-9811	1873-0647	SCIE	0	PERGAMON-ELSEVIER SCIENCE LTD	Netherlands
25	Open Geosciences	6097	1.7	Q3	0.4	100.00%	Geosciences, Multidisciplinary - Scie	2391-5447	2391-5447	SCIE	0	DE GRUYTER POLAND SP Z O O	Germany
26	Journal of Geophysics and Engineering	2,442	1.6	Q3	0.41	97.40%	Geosciences, Multidisciplinary - Scie	1742-2132	1742-2140	SCIE	0	OXFORD UNIV PRESS	United Kingdom
27	Netherlands Journal Of Geosciences-Geologie En	7764	1.6	Q3	0.51	83.87%	Geosciences, Multidisciplinary - Scie	0016-7746	1573-9708	SCIE	0	CAMBRIDGE UNIV PRESS	
28	JOURNAL OF SEISMOLOGY	2035	1.6	Q3	0.45	0.2704	Geochemistry & Geophysics - Scie	1383-4649	1573-157X	SCIE	0	SPRINGER	Netherlands
29	Bulletin Of Geosciences	9128	1.5	Q3	0.66	0	Geosciences, Multidisciplinary - Scie	1214-1119	1802-8225	SCIE	0	CZECH GEOLOGICAL	Czech Republic
30	Canadian Journal Of Earth Sciences	71067	1.3	Q3	0.35	0.0632	Geosciences, Multidisciplinary - Scie	0008-4077	1480-3310	SCIE	0	CANADIAN SCIENCE PUBLISHING	Canada
31	Journal Of Earth System Science	34598	1.3	Q3	0.41		Geosciences, Multidisciplinary - Scie	0253-4126	0973-774X	SCIE	0	INDIAN ACAD SCIENCES	
32	Turkish Journal Of Earth Sciences	12076	1.3	Q3	0.31	0	Geosciences, Multidisciplinary - Scie	1300-0985	1303-619X	SCIE	0	Tubitak Scientific & Technological Research Council Turkey	Turkey
33	Australian Journal Of Earth Sciences	41737	1.2	Q3	0.31	0.0424	Geosciences, Multidisciplinary - Scie	0812-0099	1440-0952	SCIE	0	Taylor & Francis	United Kingdom

34	ANNALS OF GEOPHYSICS	1611	1.2	Q3	0.4	0.9214	Geochemistry & Geophysics - Scie	1593-5213	2037-416X	SCIE	0	IST NAZIONALE DI GEOFISICA E VULCANOLOGIA	Italy(Italian)
35	Russian Geology And Geophysics	25769	1.2	Q3	0.3		Geosciences, Multidisciplinary - Scie	1068-7971	1878-030X	SCIE	0	GEOSCIENTE WORLD	
36	Interpretation-a Journal of Subsurface Characterization	19725	1.1	Q3	0.32		Geosciences, Multidisciplinary - Scie	2324-8858	2324-8866	SCIE	0	SOCIETY OF EXPLORATION GEOPHYSICISTS - SEG	United States
37	Near Surface Geophysics	14547	1.1	Q3	0.41	0.3145	Geochemistry & Geophysics - Scie	1569-4445	1873-0604	SCIE	0	WILEY	
38	GEOPHYSICAL AND ASTROPHYSICAL	888	1.1	Q3	0.32	0.3462	Geochemistry & Geophysics - Scie	0309-1929	1029-0419	SCIE	0	TAYLOR & FRANCIS	United Kingdom
39	Journal of Geosciences	521	1.1	Q3	0.33	1	Geosciences, Multidisciplinary - Scie	1802-6222	1803-1943	SCIE	0	ČESKÁ GEOLOGICKÁ SPOLEČNOST	Czech Republic
40	Geosciences Journal	14948	1	Q4	0.29		Geosciences, Multidisciplinary - Scie	1226-4806	1598-7477	SCI	0	GEOLOGICAL SOCIETY OF KOREA	
41	JOURNAL OF ENVIRONMENTAL AND ENGINEERING GEOPHYSICS	655	1	Q3	0.27	0	Geochemistry & Geophysics - Scie	1083-1363	1943-2658	SCIE	0	ENVIRONMENTAL ENGINEERING GEOPHYSICAL SOCIETY	United States

42	Geodynamics	479	1	Q3	0.15	0	Geochemistry & Geophysics - Scie	1992-142X	2519-2663	ESCI	0	LVIV POLYTECHNIC NATL	
43	International Journal of Geophysics	353	1	Q3	0.23	1	Geochemistry & Geophysics - Scie	1687-885X	1687-8868	ESCI	0	HINDAWI LTD	Egypt
44	Exploration Geophysics	1330	0.94	Q4	0.29	0.0209	Geochemistry & Geophysics - Scie	0812-3985	1834-7533	SCIE	0	CSIRO	Australia
45	Geodynamics & Tectonophysics	414	0.8	Q4	0.2	1	Geochemistry & Geophysics - Scie	2078-502X	2078-502X	ESCI	0	RUSSIAN ACAD SCIENCES , SIBERIAN BRANCH, INST EARTHS	Russian Federation
46	Petrophysics	725	0.7	Q4	0.27	0	Geochemistry & Geophysics - Scie	1529-9074	1529-9074	SCIE	0	SOC PETROPHYSICISTS & WELL LOG ANALYST	
47	Contributions to Geophysics and Geodesy	171	0.7	Q4	0.2	0.875	Geochemistry & Geophysics - Scie	1338-0540	1338-0540	ESCI	0	SLOVAK ACAD SCIENCES , EARTH SCIENCE INST	Slovakia
48	STUDIA GEOPHYSICA ET GEODAEITICA	679	0.5	Q4	0.22	0.0732	Geochemistry & Geophysics - Scie	0039-3169	1573-1626	SCIE	0	SPRINGER	Netherlands
49	JOURNAL OF SEISMIC EXPLORATION	190	0.3	Q4	0.09	0	Geochemistry & Geophysics - Scie	0963-0651	N/A	SCIE	0	GEOPHYSICAL PRESS	France