

# Lev Eppelbaum

## List of Publications by Year in descending order

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217  
papers

2,080  
citations

279487

23  
h-index

329751

37  
g-index

249  
all docs

249  
docs citations

249  
times ranked

1285  
citing authors

#	ARTICLE	IF	CITATIONS
1	System of Potential Geophysical Field Application in Archaeological Prospection. , 2022, , 771-809.		1
2	Combined Zonation of the African-Levantine-Caucasian Areal of Ancient Hominin: Review and Integrated Analysis of Paleogeographical, Stratigraphic and Geophysical-Geodynamical Data. Geosciences (Switzerland), 2022, 12, 21.	1.0	2
3	Paleomagnetic-Geodynamic Mapping of the Transition Zone from Ocean to the Continent: A Review. Applied Sciences (Switzerland), 2022, 12, 5419.	1.3	1
4	Giant Quasi-Ring Mantle Structure in the Africanâ€“Arabian Junction: Results Derived from the Geologicalâ€“Geophysical Data Integration. Geotectonics, 2021, 55, 58-82.	0.2	11
5	Deep Tectono-Geodynamic Aspects of Development of the Nubian-Arabian Region and Its Relationship with Subsurface Structure. , 2021, , 199-237.		2
6	Advanced Analysis of Self-potential Anomalies: Review of Case Studies from Mining, Archaeology and Environment. Springer Geophysics, 2021, , 203-248.	0.9	2
7	Salt layer characteristics in the Ghor Al-Haditha area, Jordan: comprehensive combined reprocessing of geophysical data. Environmental Earth Sciences, 2021, 80, 1.	1.3	4
8	Remote Sensing of the Earthâ€™s Surface Using GPS Signals. Russian Journal of Physical Chemistry B, 2021, 15, 362-365.	0.2	14
9	Review of Processing and Interpretation of Self-Potential Anomalies: Transfer of Methodologies Developed in Magnetic Prospecting. Geosciences (Switzerland), 2021, 11, 194.	1.0	16
10	Proposed scheme for modeling of ocean equatorial currents in the phase of El NiÃ±o and La NiÃ±a: Implementation of the mesoscale turbulence theory. Dynamics of Atmospheres and Oceans, 2021, 94, 101220.	0.7	0
11	Nonlinear Model of Coastal Flooding by a Highly Turbulent Tsunami. Journal of Nonlinear Mathematical Physics, 2021, 28, 436-451.	0.8	1
12	Quantitative analysis of self-potential anomalies in archaeological sites of Israel: an overview. Environmental Earth Sciences, 2020, 79, 1.	1.3	6
13	Significant Tectono-Geophysical Features of the African-Arabian Tectonic Region: An Overview. Geotectonics, 2020, 54, 266-283.	0.2	9
14	The Problems of Passive Remote Sensing of the Earthâ€™s Surface in the Range of 1.2â€“1.6 GHz. Atmosphere, 2020, 11, 650.	1.0	11
15	Characteristics of high-frequency attenuation in the Dead Sea Basin. Journal of Seismology, 2020, 24, 479-494.	0.6	1
16	Discrete Mathematical Model of Earthquake Focus: An Introduction. Pure and Applied Geophysics, 2020, 177, 4097-4118.	0.8	0
17	Combined Multifactor Evidence of a Giant Lower-Mantle Ring Structure below the Eastern Mediterranean. Positioning, 2020, 11, 11-32.	0.1	7
18	Plate tectonics and Earth evolution: a conceptual review. ANAS Transactions, Earth Sciences, 2020, , .	0.1	0

#	ARTICLE	IF	CITATIONS
19	Localization and Monitoring of Water Reserves; Mapping of Water Basins. , 2019, , 281-309.		0
20	Gravity-Magnetic Moonâ€™Sun Influence to Environment. , 2019, , 365-393.		0
21	Potential Geophysical Fields. , 2019, , 5-12.		3
22	Different Kinds of Noise and Ways for Their Removing. , 2019, , 13-32.		0
23	Qualitative Analysis of Potential Fields. , 2019, , 33-71.		0
24	Quantitative Analysis of Potential Field Anomalies. , 2019, , 73-122.		0
25	Methodology of 3-D Combined Gravityâ€™Magnetic Modeling. , 2019, , 139-157.		0
26	Studying Deep Structure. , 2019, , 159-231.		0
27	Searching for Economic Minerals. , 2019, , 233-280.		0
28	Environmental Geophysics. , 2019, , 311-364.		10
29	Monitoring of Dangerous Geodynamic Events. , 2019, , 395-409.		0
30	Archaeological Geophysics. , 2019, , 411-450.		0
31	Chemical physics of D and E layers of the ionosphere. Advances in Space Research, 2019, 64, 1876-1886.	1.2	29
32	Earthquake Processes: A View from Synergetics and the Theory of Catastrophes. Pure and Applied Geophysics, 2019, 176, 3377-3390.	0.8	3
33	Advanced analysis of self-potential data in ore deposits of the South Caucasus. ANAS Transactions, Earth Sciences, 2019, , .	0.1	4
34	Delay of GPS signals in the D and E atmospheric layers: is the quantum theory applicable?. , 2019, , .		0
35	Dangerous atmospheric events: a new physical-mathematical approach. ANAS Transactions, Earth Sciences, 2019, , .	0.1	1
36	The effect of thermal properties changing (at ice-water transition) on the radius of permafrost thawing. Cold Regions Science and Technology, 2018, 151, 156-158.	1.6	3

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37	Moissanite (SiC) with metal-silicide and silicon inclusions from tuff of Israel: Raman spectroscopy and electron microscope studies. <i>Lithos</i> , 2018, 310-311, 355-368.	0.6	28
38	Utilization of the Horner plot for determining the temperature of frozen formations – A novel approach. <i>Geothermics</i> , 2018, 71, 259-263.	1.5	10
39	Tectonic insights into the Arabian-African region inferred from a comprehensive examination of satellite gravity big data. <i>Global and Planetary Change</i> , 2018, 171, 65-87.	1.6	13
40	Investigation of Archeological Caves in Israel Using High-Frequency Impulse Electric Prospecting. <i>Doklady Earth Sciences</i> , 2018, 482, 1320-1323.	0.2	0
41	Indicative features of local magnetic anomalies from hydrocarbon deposits: examples from Azerbaijan and Ukraine. <i>Acta Geophysica</i> , 2018, 66, 1463-1483.	1.0	21
42	Introduction to the Quantum Theory of Distortion and Delay Satellite Radio Signals. <i>Russian Journal of Physical Chemistry B</i> , 2018, 12, 549-553.	0.2	7
43	Effects of the Interaction of Microwave Radiation with the Atmosphere on the Passive Remote Sensing of the Earth's Surface: Problems and Solutions (Review). <i>Russian Journal of Physical Chemistry B</i> , 2018, 12, 725-748.	0.2	9
44	PSHA in Israel by using the synthetic ground motions from simulated seismicity: the modified SvE procedure. <i>Journal of Seismology</i> , 2018, 22, 1095-1111.	0.6	6
45	Problems of Satellite Navigation and Remote Sensing of Earth's. <i>Herald of the Bauman Moscow State Technical University, Series Natural Sciences</i> , 2018, , 61-73.	0.2	5
46	Quantum Theory of Disturbance and Delay of GPS Signals in D and E Atmospheric Layers: An Introduction. <i>Positioning</i> , 2018, 09, 13-22.	0.1	2
47	Quantum Nature of Distortion and Delay of Satellite Signals II. <i>Positioning</i> , 2018, 09, 47-72.	0.1	3
48	Peering into Past: What Happened to the Moon 3.6 Billion Years Ago?. <i>Positioning</i> , 2018, 09, 73-78.	0.1	0
49	A new regard on the tectonic map of the Arabian-African region inferred from the satellite gravity analysis. <i>Acta Geophysica</i> , 2017, 65, 607-626.	1.0	16
50	DELINEATING BURIED KARST TERRANES ON THE BASIS OF MODERN WAVELET THEORY AND DATA MINING. , 2017, , .		0
51	Geodynamics and Seismology. <i>Regional Geology Reviews</i> , 2017, , 219-258.	1.2	0
52	Geosciences of Azerbaijan. <i>Regional Geology Reviews</i> , 2017, , .	1.2	30
53	Quantitative Examination of Piezoelectric/Seismoelectric Anomalies from Near-Surface Targets. <i>Geosciences (Switzerland)</i> , 2017, 7, 90.	1.0	4
54	Time of refreezing of surrounding the wellbore thawed formations. <i>International Journal of Thermal Sciences</i> , 2017, 122, 133-140.	2.6	6

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55	Geophysical Monitoring of Underground Constructions and its Theoretical Basis. International Journal of Georesources and Environment, 2017, 3, 56.	0.1	6
56	Concentration of Platinum Group Elements during the Early Earth Evolution: A Review*. Natural Resources, 2017, 08, 172-233.	0.2	4
57	Overview of the geophysical studies in the Dead Sea coastal area related to evaporite karst and recent sinkhole development. International Journal of Speleology, 2017, 46, 277-302.	0.4	24
58	Mining Geophysics. Regional Geology Reviews, 2017, , 281-311.	1.2	0
59	Petrophysical Support of Geophysical Studies. Regional Geology Reviews, 2017, , 107-128.	1.2	0
60	Deep Structure of Azerbaijan Derived from Combined Geophysicalâ€“Geological Analysis. Regional Geology Reviews, 2017, , 171-218.	1.2	0
61	Engineering, Environmental, and Archaeological Geophysics. Regional Geology Reviews, 2017, , 313-334.	1.2	0
62	Regional Geophysicalâ€“Geological Zonation. Regional Geology Reviews, 2017, , 129-170.	1.2	0
63	Oil and Gas Geophysics. Regional Geology Reviews, 2017, , 259-279.	1.2	0
64	Step Temperature Well Testing. International Journal of Petrochemical Science & Engineering, 2017, 2, .	0.2	0
65	INFORMATION CONVOLUTION OF GEOPHYSICAL DATA: IMPLICATION IN MINING, PETROLEUM AND ARCHAEOLOGICAL GEOPHYSICS. , 2016, , .		0
66	Geosciences of Azerbaijan. Regional Geology Reviews, 2016, , .	1.2	19
67	Stratigraphy and Lithology. Regional Geology Reviews, 2016, , 31-88.	1.2	2
68	Mud Volcanism. Regional Geology Reviews, 2016, , 215-233.	1.2	4
69	Magmatism. Regional Geology Reviews, 2016, , 89-127.	1.2	0
70	A new chipset for generating computer-generated hologram. Journal of Lasers, Optics & Photonics, 2016, 03, .	0.1	0
71	Neotectonics. Regional Geology Reviews, 2016, , 203-214.	1.2	0
72	Prediction of Hydrostatic Pressure and Downhole Mud Temperatures While Drilling. International Journal of Petroleum Technology, 2016, 2, 53-57.	0.1	0

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73	INTERPRETATION OF MICROGRAVITY AND MAGNETIC DATA FOR DELINEATION OF SUBSURFACE SALT BODIES IN UNFAVORABLE S/N RATIO CONDITIONS. , 2015, , .		1
74	Quantitative Interpretation of Magnetic Anomalies from Thick Bed, Horizontal Plate and Intermediate Models Under Complex Physicalâ€“Geological Environments in Archaeological Prospection. Archaeological Prospection, 2015, 22, 255-268.	1.1	8
75	Newly developed paleomagnetic map of the EasternmostMediterranean joined with tectono-structural analysis unmaskgeodynamic history of this region. Open Geosciences, 2015, 7, .	0.6	6
76	Quantitative interpretation of magnetic anomalies from bodies approximated by thick bed models in complex environments. Environmental Earth Sciences, 2015, 74, 5971-5988.	1.3	19
77	Eastern Mediterranean: Combined geologicalâ€“geophysical zonation and paleogeodynamics of the Mesozoic and Cenozoic structural-sedimentation stages. Marine and Petroleum Geology, 2015, 65, 198-216.	1.5	29
78	Implementation of the geo-correlation methodology for predictability of catastrophic weather events: long-term US tornado season and short-term hurricanes. Environmental Earth Sciences, 2015, 74, 3371-3383.	1.3	6
79	Density-thermal dependence of sedimentary associations calls to reinterpreting detailed gravity surveys. Annals of Geophysics, 2015, 58, .	0.5	2
80	Determination of the Skin Factor for a Well Produced at a Constant Bottom-Hole Pressure. , 2015, , 54-59.		0
81	Cylindrical Probe with a Constant Temperature: Determination of the Formation Thermal Conductivity and Contact Thermal Resistance. , 2015, , 176-180.		0
82	Determination of Formation Temperatures from Temperature Logs in Deep Boreholes: Comparison of Three Methods. , 2015, , 152-160.		0
83	Interference Well Testingâ€“Variable Fluid Flow Rate. , 2015, , 75-83.		0
84	Pressure and Temperature: Drawdown Well Testing: Similarities and Differences. , 2015, , 3-13.		0
85	Pressure and Temperature: Drawdown Well Testing: Similarities and Differences. , 2015, , 17-27.		0
86	Determination of Formation Permeability and Skin Factor from Afterflow Pressure and Sandface Flow Rate. , 2015, , 84-94.		0
87	Three Points Method for Estimation of the Formation Temperature. , 2015, , 129-146.		0
88	The Adjusted Circulation Time. , 2015, , 14-16.		0
89	Temperature Regime of Boreholes: Cementing of Production Liners. , 2015, , 204-215.		0
90	Short Term Testing Method for Stimulated Wellsâ€“Field Examples. , 2015, , 37-53.		0

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91	Estimation of the Geothermal Gradients from Single. , 2015, , 165-171.		0
92	Determination of Formation Temperature from Bottom-Hole Temperature Logs: A Generalized Horner Method. , 2015, , 117-128.		0
93	Designing an Interference Well Test in a Geothermal Reservoir. , 2015, , 65-74.		0
94	Geothermal Temperature Gradient. , 2015, , 161-164.		0
95	Cementing of Casing in Hydrocarbon Wells: The Optimal Time Lapse to Conduct a Temperature Log. , 2015, , 193-200.		0
96	Analyzing the Pressure Response during the Afterflow Period: Determination of the Formation Permeability and Skin Factor. , 2015, , 95-102.		0
97	Three Points Method for Estimation of the Formation Temperature. , 2015, , 115-132.		0
98	Determination of the Formation Permeability and Skin Factor from a Variable Flow Rate Drawdown Test. , 2015, , 31-36.		0
99	Recovery of the Thermal Equilibrium in Deep and Super Deep Wells: Utilization of Measurements While Drilling Data. , 2015, , 216-225.		0
100	Two Logs Method. , 2015, , 147-151.		0
101	Cementing of Geothermal Wellsâ€™ Radius of Thermal Influence. , 2015, , 201-203.		0
102	References to Part I. , 2015, , 112-114.		0
103	Geophysical Observations at Archaeological Sites: Estimating Informational Content. Archaeological Prospection, 2014, 21, 125-138.	1.1	16
104	Temperature Anomalies Associated with Some Natural Phenomena. Lecture Notes in Earth System Sciences, 2014, , 161-237.	0.5	0
105	Spatial position of the Kiama inverse magnetization zone in the oceanic crust of the Eastern Mediterranean. Doklady Earth Sciences, 2014, 457, 1034-1038.	0.2	6
106	Comments to publication of D. Closson and N. Abu Karaki â€œSinkhole hazards prediction at Ghor Al Haditha, Dead Sea, Jordan: â€œSalt Edgeâ€™ and â€œTectonicâ€™ models contributionâ€™â€”a rebuttal to â€œGeophysical prediction and following development sinkholes in two Dead Sea areas, Israel and Jordan, by: Ezersky, M.G., Eppelbaum, L.V., Al-Zoubi, A., Keydar S., Abueladas, A-R., Akkawi E., and Medvedev, B.â€™. Environmental Earth Sciences, 2014, 71, 1989-1993.	1.3	1
107	Thermal Properties of Rocks and Density of Fluids. Lecture Notes in Earth System Sciences, 2014, , 99-149.	0.5	59
108	APPLICATION OF POTENTIAL GEOPHYSICAL FIELDS IN ORE DEPOSITS: INVERSE PROBLEM SOLUTION UNDER COMPLEX CONDITIONS AND 3-D GRAVITY-MAGNETIC FIELD MODELING. , 2014, ,		0

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109	Applied Geothermics. Lecture Notes in Earth System Sciences, 2014, , .	0.5	101
110	The Thermal Field of the Earth. Lecture Notes in Earth System Sciences, 2014, , 1-98.	0.5	1
111	Investigating Deep Lithospheric Structures. Lecture Notes in Earth System Sciences, 2014, , 269-391.	0.5	2
112	Gravity Disturbances, Marussi Tensor, Invariants and Other Functions of the Geopotential Represented by EGM 2008. Journal of Earth Science Research, 2014, , 88-101.	0.1	19
113	Four Color Theorem and Applied Geophysics. Applied Mathematics, 2014, 05, 658-666.	0.1	10
114	Temperature Analyses in Hydrology. Lecture Notes in Earth System Sciences, 2014, , 593-617.	0.5	0
115	Interpretation of Thermal Measurements. Lecture Notes in Earth System Sciences, 2014, , 393-475.	0.5	0
116	Integration of Thermal Observations with Other Geophysical Methods. Lecture Notes in Earth System Sciences, 2014, , 709-732.	0.5	1
117	Near-Surface Temperature Measurements. Lecture Notes in Earth System Sciences, 2014, , 619-653.	0.5	1
118	Influence of Temperature Changes to Other Fields. Lecture Notes in Earth System Sciences, 2014, , 695-708.	0.5	0
119	Paleoclimate and Present Climate Warming Trends. Lecture Notes in Earth System Sciences, 2014, , 655-693.	0.5	1
120	Temperature Investigations in the Petroleum Industry. Lecture Notes in Earth System Sciences, 2014, , 477-592.	0.5	0
121	APPLICATION OF POTENTIAL GEOPHYSICAL FIELDS IN ORE DEPOSITS: INVERSE PROBLEM SOLUTION UNDER COMPLEX CONDITIONS AND 3-D GRAVITY-MAGNETIC FIELD MODELING. , 2014, , .		0
122	Non-stochastic long-term prediction model for US tornado level. Natural Hazards, 2013, 69, 2269-2278.	1.6	11
123	Geophysical prediction and following development sinkholes in two Dead Sea areas, Israel and Jordan. Environmental Earth Sciences, 2013, 70, 1463-1478.	1.3	33
124	Cylindrical probe with a variable heat flow rate: A new method for the determination of formation thermal conductivity. Open Geosciences, 2013, 5, 570-575.	0.6	2
125	GPR and ERT combined analysis on the basis of advanced wavelet methodology: The Montagnole testing area. , 2013, , .		1
126	Removing Regional Trends in Microgravity in Complex Environments: Testing on 3D Model and Field Investigations in the Eastern Dead Sea Coast (Jordan). International Journal of Geophysics, 2013, 2013, 1-13.	0.4	10



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127	A new combined wavelet methodology: implementation to GPR and ERT data obtained in the Montagnole experiment. <i>Journal of Geophysics and Engineering</i> , 2013, 10, 025017.	0.7	18
128	QUANTITATIVE INTERPRETATION OF MAGNETIC ANOMALIES PRODUCED BY THICK AND QUASI-THICK BEDS IN ARCHAEOLOGICAL AND ENVIRONMENTAL GEOPHYSICS. , 2013, , .		0
129	Optimisation of temperature observational well selection. <i>Exploration Geophysics</i> , 2013, 44, 192-198.	0.5	2
130	Is the geodynamic process in preparation of strong earthquakes reflected in the geomagnetic field?. <i>Journal of Geophysics and Engineering</i> , 2012, 9, 585-594.	0.7	8
131	Quantitative Analysis of Magnetic Anomalies in the Eastern Mediterranean: A Review. , 2012, , .		0
132	Tectonical-Geophysical Setting of the Caucasus. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 5-37.	0.5	2
133	Geophysical Studies in the Caucasus. <i>Lecture Notes in Earth System Sciences</i> , 2012, , .	0.5	48
134	Methodological Specificities of Geophysical Studies in the Complex Environments of the Caucasus. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 39-138.	0.5	2
135	Investigation of Seismic Activity. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 337-357.	0.5	0
136	Geothermal Investigations in Permafrost Regionsâ€”The Duration of Temperature Monitoring after Wellbores Shut-In. <i>Geomaterials</i> , 2012, 02, 82-93.	0.4	1
137	Geophysics in Hydrology. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 293-314.	0.5	0
138	Environmental and Near-Surface Geophysics. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 315-336.	0.5	0
139	Mining Geophysics. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 219-274.	0.5	0
140	The Kura Depression and Adjacent Basins. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 275-291.	0.5	0
141	Regional Physical-Geological Models and Regioning. <i>Lecture Notes in Earth System Sciences</i> , 2012, , 139-217.	0.5	0
142	Study of magnetic anomalies over archaeological targets in urban environments. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 1318-1330.	1.2	45
143	Determination of the formation temperature from shut-in logs: Estimation of the radius of thermal influence. <i>Journal of Applied Geophysics</i> , 2011, 73, 278-282.	0.9	13
144	Estimation of the effect of thermal convection and casing on the temperature regime of boreholes: a review. <i>Journal of Geophysics and Engineering</i> , 2011, 8, R1-R10.	0.7	18

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145	Review of Environmental and Geological Microgravity Applications and Feasibility of Its Employment at Archaeological Sites in Israel. International Journal of Geophysics, 2011, 2011, 1-9.	0.4	13
146	Application of Informational and Wavelet Approaches for Integrated Processing of Geophysical Data in Complex Environments. , 2011, , .		21
147	Tectonic-Geophysical Mapping of Israel and the Eastern Mediterranean: Implications for Hydrocarbon Prospecting. Positioning, 2011, 02, 36-54.	0.1	24
148	Development of 3-D Gravity-Magnetic Models of the Earth's Crust of Azerbaijan and Adjacent Areas: an Overview. Positioning, 2011, 02, 84-102.	0.1	8
149	Unmanned Airborne Magnetic and VLF Investigations: Effective Geophysical Methodology for the Near Future. Positioning, 2011, 02, 112-133.	0.1	39
150	Study of the Salt Layer Environments Using TEM Method in the Dead Sea Sinkhole Problem. , 2011, , .		0
151	Geophysical Assessment of Salt Sinkholes Hazard along the Dead Sea Shore in Israel and Jordan. , 2011, , .		0
152	Hydrostatic Pressure. , 2011, , 19-26.		0
153	Special issue on near surface geophysics for the study and the management of historical resources. Journal of Geophysics and Engineering, 2010, 7, .	0.7	1
154	Transport Infrastructure Surveillance and Monitoring by Electromagnetic Sensing: The ISTIMES Project. Sensors, 2010, 10, 10620-10639.	2.1	46
155	The Dead Sea sinkhole hazard new findings based on a multidisciplinary geophysical study. Zeitschrift für Geomorphologie, 2010, 54, 69-90.	0.3	25
156	Archaeological geophysics in arid environments: Examples from Israel. Journal of Arid Environments, 2010, 74, 849-860.	1.2	33
157	Application of Potential Geophysical Fields at Archaeological Sites in Israel: An Introduction. , 2010, , .		0
158	Method for Comprehensive Computing of Water Flows Geodynamics in the Dead Sea Basin. , 2010, , .		1
159	Estimation of geothermal gradients from single temperature log-field cases. Journal of Geophysics and Engineering, 2009, 6, 131-135.	0.7	17
160	Near-surface temperature survey: An independent tool for delineation of buried archaeological targets. Journal of Cultural Heritage, 2009, 10, e93-e103.	1.5	11
161	Application of Microgravity at Archaeological Sites in Israel: Some Estimation Derived from 3D Modeling and Quantitative Analysis of Gravity Field. , 2009, , .		3
162	Interference well testing's variable fluid flow rate. Journal of Geophysics and Engineering, 2008, 5, 86-91.	0.7	8

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163	Remote Operated Vehicle Geophysical Survey Using Magnetic and VLF Methods: Proposed Schemes for Data Processing and Interpretation. , 2008, , .		6
164	The Main Reason for Mineral Loss in Gravity Dressing. The Open Mineral Processing Journal, 2008, 1, 37-44.	0.5	5
165	Well temperature testingâ€”an extension of Slider's method. Journal of Geophysics and Engineering, 2007, 4, 1-6.	0.7	19
166	Revealing of Subterranean Karst Using Modern Analysis of Potential and Quasiâ€”Potential Fields. , 2007, , .		8
167	Stability of iron oxides and their role in the formation of rock magnetism. Acta Geophysica, 2007, 55, 133-153.	1.0	5
168	Revealing Of Subterranean Karst Using Modern Analysis Of Potential And Quasi-Potential Fields. , 2007, , .		4
169	Latest Results of Geophysicalâ€”Archaeological Investigations at the Christian Archaeological Investigations at the Christian Archaeological Site Emmaus-Nicopolis (Central Israel). , 2007, , .		4
170	Development of 3D Gravity/Magnetic Models of Earth's Crust in Complicated Regions of Azerbaijan. , 2007, , .		6
171	Methodology of Curie discontinuity map development for regions with low thermal characteristics: An example from Israel. Earth and Planetary Science Letters, 2006, 243, 536-551.	1.8	40
172	Discovery of microdiamonds and associated minerals in the Makhtesh Ramon Canyon (Negev Desert,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.2	16
173	Analysis of temperature influences on the amplitudeâ€”frequency characteristics of Rn gas concentration. Journal of Environmental Radioactivity, 2006, 86, 251-270.	0.9	40
174	Application of piezoelectric and seismoelectrokinetic phenomena in exploration geophysics: Review of Russian and Israeli experiences. Geophysics, 2006, 71, B41-B53.	1.4	26
175	Determination of formation temperatures from temperature logs in deep boreholes: comparison of three methods. Journal of Geophysics and Engineering, 2006, 3, 348-355.	0.7	4
176	Pressure and temperature drawdown well testing: similarities and differences. Journal of Geophysics and Engineering, 2006, 3, 12-20.	0.7	21
177	Detailed Magnetic Survey Unmasks Prehistoric Archaeological Sites in Israel. , 2006, , .		2
178	Do old spoils contain large amounts of economically valuable minerals?. Minerals Engineering, 2005, 18, 643-645.	1.8	5
179	Determination of formation temperature from bottom-hole temperature logsâ€”a generalized Horner method. Journal of Geophysics and Engineering, 2005, 2, 90-96.	0.7	46
180	Drawdown test for a stimulated well produced at a constant bottomhole pressure. First Break, 2005, 23, .	0.2	6

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181	Integrated analysis of magnetic, paleomagnetic and K-Ar data in a tectonic complex region: An example from the Sea of Galilee. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	17
182	Results of integrated geological-geophysical examination of Makhtesh Ramon area (southern Israel) on diamond-bearing associations. <i>Proceedings of SPIE</i> , 2004, , .	0.8	2
183	Sea of Galilee: Comprehensive analysis of magnetic anomalies. <i>Israel Journal of Earth Sciences</i> , 2004, 53, 151-171.	0.3	16
184	Advanced Analysis of Self-Potential Data in Ore Deposits and Archaeological Sites. , 2004, , .		11
185	Prediction of formation temperatures in permafrost regions from temperature logs in deep wellsâ€”field cases. <i>Permafrost and Periglacial Processes</i> , 2003, 14, 247-258.	1.5	17
186	The Natufian site of Eynan (Hula Valley, northern Israel): Magnetic prospecting reveals new features. <i>Israel Journal of Earth Sciences</i> , 2003, 52, 209-219.	0.3	7
187	Ancient Roman remains in Israel provide a challenge for physical-archaeological modelling techniques. <i>First Break</i> , 2003, 21, .	0.2	19
188	FORMALIZATION AND ESTIMATION OF INTEGRATED GEOLOGICAL INVESTIGATIONS: AN INFORMATIONAL APPROACH. <i>Geoinformatics</i> , 2003, 14, 233-240.	0.2	12
189	Crustal structure of the Levant Basin, eastern Mediterranean. <i>Tectonophysics</i> , 2002, 346, 23-43.	0.9	163
190	Informational Approach for Formalization and Estimation of Integrated Geological Investigations. , 2002, , .		0
191	Prompt magnetic investigations of archaeological remains in areas of infrastructure development: Israeli experience. <i>Archaeological Prospection</i> , 2001, 8, 163-185.	1.1	54
192	APPLICABILITY OF GEOPHYSICAL METHODS FOR LOCALIZATION OF ARCHAEOLOGICAL TARGETS: AN INTRODUCTION. <i>Geoinformatics</i> , 2000, 11, 25-34.	0.2	14
193	The role of nonlinear source terms in geophysics. <i>Geophysical Research Letters</i> , 2000, 27, 2069-2072.	1.5	10
194	Application of Multifocusing Seismic Processing to GPR Data Analysis. , 2000, , .		4
195	Development of the Initial Physicoâ€”Archaeological Model of the Nahal Zehora Site (Central Israel) Using Modern Magnetic Data Interpretation. , 2000, , .		0
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