

Harvey E Belkin

List of Publications by Year in descending order

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54
papers

3,011
citations

257450

24
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48
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70
all docs

70
docs citations

70
times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	New constraints on the pyroclastic eruptive history of the Campanian volcanic Plain (Italy). <i>Mineralogy and Petrology</i> , 2001, 73, 47-65.	1.1	638
2	Health impacts of coal and coal use: possible solutions. <i>International Journal of Coal Geology</i> , 2002, 50, 425-443.	5.0	372
3	Tectonic controls on the genesis of ignimbrites from the Campanian Volcanic Zone, southern Italy. <i>Mineralogy and Petrology</i> , 2003, 79, 3-31.	1.1	223
4	Distribution of rare earth elements in eastern Kentucky coals: Indicators of multiple modes of enrichment?. <i>International Journal of Coal Geology</i> , 2016, 160-161, 73-81.	5.0	149
5	Characterization of limestone reacted with acid-mine drainage in a pulsed limestone bed treatment system at the Friendship Hill National Historical Site, Pennsylvania, USA. <i>Applied Geochemistry</i> , 2003, 18, 1705-1721.	3.0	124
6	Evidence for Late-Paleozoic brine migration in Cambrian carbonate rocks of the central and southern Appalachians: Implications for Mississippi Valley-type sulfide mineralization. <i>Geochimica Et Cosmochimica Acta</i> , 1987, 51, 1323-1334.	3.9	123
7	Mercury Stable Isotope Signatures of World Coal Deposits and Historical Coal Combustion Emissions. <i>Environmental Science & Technology</i> , 2014, 48, 7660-7668.	10.0	118
8	Phase Equilibria Constraints on the Chemical and Physical Evolution of the Campanian Ignimbrite. <i>Journal of Petrology</i> , 2007, 48, 459-493.	2.8	80
9	Fluid inclusion studies of ejected nodules from plinian eruptions of Mt. Somma-Vesuvius. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 58, 89-100.	2.1	77
10	The campi flegrei (Italy) geothermal system: A fluid inclusion study of the mofete and San Vito fields. <i>Journal of Volcanology and Geothermal Research</i> , 1989, 36, 303-326.	2.1	76
11	Quantitative model for magma degassing and ground deformation (bradyseism) at Campi Flegrei, Italy: Implications for future eruptions. <i>Geology</i> , 2007, 35, 791.	4.4	74
12	Isotope geochemistry and fluid inclusion study of skarns from Vesuvius. <i>Mineralogy and Petrology</i> , 2001, 73, 145-176.	1.1	69
13	Thermodynamic model for uplift and deflation episodes (bradyseism) associated with magmatic-hydrothermal activity at the Campi Flegrei (Italy). <i>Earth-Science Reviews</i> , 2009, 97, 44-58.	9.1	69
14	Geochemistry and petrology of selected coal samples from Sumatra, Kalimantan, Sulawesi, and Papua, Indonesia. <i>International Journal of Coal Geology</i> , 2009, 77, 260-268.	5.0	61
15	Research progress in volcanology in the Neapolitan area, southern Italy: a review and some alternative views. <i>Mineralogy and Petrology</i> , 2010, 99, 1-28.	1.1	59
16	Sampling and major element chemistry of the recent (A.D. 1631-1944) Vesuvius activity. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 58, 273-290.	2.1	54
17	Geochemistry and argon thermochronology of the Variscan Sila Batholith, southern Italy: source rocks and magma evolution. <i>Contributions To Mineralogy and Petrology</i> , 1994, 117, 87-109.	3.1	49
18	Pre-eruptive volatile content, melt-inclusion chemistry, and microthermometry of interplinian Vesuvius lavas (pre-A.D. 1631). <i>Journal of Volcanology and Geothermal Research</i> , 1998, 82, 79-95.	2.1	47

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19	Petrography and geochemistry of Oligocene bituminous coal from the Jiu Valley, PetroÅŸani basin (southern Carpathian Mountains), Romania. <i>International Journal of Coal Geology</i> , 2010, 82, 68-80.	5.0	42
20	Pore characteristics of Wilcox Group Coal, U.S. Gulf Coast Region: Implications for the occurrence of coalbed gas. <i>International Journal of Coal Geology</i> , 2015, 139, 80-94.	5.0	40
21	Factors affecting the geochemistry of a thick, subbituminous coal bed in the Powder River Basin: volcanic, detrital, and peat-forming processes. <i>Organic Geochemistry</i> , 1993, 20, 843-853.	1.8	33
22	A shock-induced polymorph of anatase and rutile from the Chesapeake Bay impact structure, Virginia, U.S.A.. <i>American Mineralogist</i> , 2006, 91, 604-608.	1.9	33
23	Magmatic (silicates/saline/sulfur-rich/CO ₂) immiscibility and zirconium and rare-earth element enrichment from alkaline magma chamber margins: evidence from Ponza Island, Pontine Archipelago, Italy. <i>European Journal of Mineralogy</i> , 1997, 8, 1401-1420.	1.3	30
24	CHRONIC ARSENIC POISONING FROM DOMESTIC COMBUSTION OF COAL IN RURAL CHINA: A CASE STUDY OF THE RELATIONSHIP BETWEEN EARTH MATERIALS AND HUMAN HEALTH. , 2008, , 401-420.		28
25	Fluid inclusions in minerals from the geothermal fields of Tuscany, Italy. <i>Geothermics</i> , 1985, 14, 59-72.	3.4	25
26	Fluid inclusion from drill hole DW-5, Hoho geothermal area, Japan: Evidence of boiling and procedure for estimating CO ₂ content. <i>Journal of Volcanology and Geothermal Research</i> , 1986, 30, 231-251.	2.1	22
27	Chapter 13 Petrogenesis of the Campanian Ignimbrite: implications for crystal-melt separation and open-system processes from major and trace elements and Th isotopic data. <i>Developments in Volcanology</i> , 2006, , 249-288.	0.5	19
28	Mineralogy and geochemistry of the older (> 40 ka) ignimbrites on the Campanian Plain, southern Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 323, 1-18.	2.1	19
29	Geothermometry, geochronology, and mass transfer associated with hydrothermal alteration of a rhyolitic hyaloclastite from Ponza Island, Italy. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 275-288.	3.9	18
30	Silicate-melt inclusions in recent Vesuvius lavas (A.D. 1631â€“1944): I. Petrography and microthermometry. <i>European Journal of Mineralogy</i> , 1992, 4, 1113-1124.	1.3	14
31	Composition, paragenesis, and alteration of the chevkinite group of minerals. <i>American Mineralogist</i> , 2019, 104, 348-369.	1.9	13
32	Rock chemistry and fluid inclusion studies as exploration tools for ore deposits in the Sila batholith, southern Italy. <i>Journal of Geochemical Exploration</i> , 1991, 40, 291-310.	3.2	12
33	Iron- and 4-hydroxy-2-alkylquinoline-containing periplasmic inclusion bodies of <i>Pseudomonas aeruginosa</i> : A chemical analysis. <i>Bioorganic Chemistry</i> , 2007, 35, 175-188.	4.1	12
34	Monoclinic tridymite in clast-rich impact melt rock from the Chesapeake Bay impact structure. <i>American Mineralogist</i> , 2011, 96, 81-88.	1.9	12
35	Chapter 7 Magmatic-hydrothermal fluid interaction and mineralization in alkali-syenite nodules from the Breccia Museo pyroclastic deposit, Naples, Italy. <i>Developments in Volcanology</i> , 2006, , 125-161.	0.5	11
36	Fluid inclusions in stony meteorites. <i>Journal of Geophysical Research</i> , 1983, 88, A731.	3.3	10

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37	Mercury, arsenic, antimony, and selenium contents of sediment from the Kuskokwim River, Bethel, Alaska, USA. <i>Environmental Geology</i> , 1993, 22, 106-110.	1.2	10
38	Fluid inclusion study of some Sarrabus fluorite deposits, Sardinia, Italy. <i>Economic Geology</i> , 1984, 79, 409-414.	3.8	10
39	First Occurrence of Mandarinoite in China. <i>Acta Geologica Sinica</i> , 2003, 77, 169-172.	1.4	8
40	Coesite in suevites from the Chesapeake Bay impact structure. <i>Meteoritics and Planetary Science</i> , 2016, 51, 946-965.	1.6	8
41	Whole-rock geochemistry and fluid inclusions as exploration tools for mineral deposits assessment in the Serre batholith, Calabria, southern Italy. <i>European Journal of Mineralogy</i> , 1992, 4, 1035-1051.	1.3	8
42	Evolution of crystalline target rocks and impactites in the Chesapeake Bay impact structure, ICDP-USGS Eyreville B core. , 2009, , .		7
43	The Pennsylvanian Fire Clay tonstein of the Appalachian basin—its distribution, biostratigraphy, and mineralogy. <i>Special Paper of the Geological Society of America</i> , 1994, , 87-104.	0.5	6
44	Silicate glasses and sulfide melts in the ICDP-USGS Eyreville B core, Chesapeake Bay impact structure, Virginia, USA. , 2009, , .		6
45	Environmental Human Health Issues Related to Indoor Air Pollution from Domestic Biomass Use in Rural China: A Review. , 2018, , 417-434.		3
46	Meyrowitzite, Ca(UO ₂)(CO ₃) ₂ ·5H ₂ O, a new mineral with a novel uranyl-carbonate sheet. <i>American Mineralogist</i> , 2019, 104, 603-610.	1.9	3
47	Mercury in coal from the People's Republic of China. <i>Diqu Huaxue</i> , 2006, 25, 52-52.	0.5	2
48	Bulk rock composition and geochemistry of olivine-hosted melt inclusions in the Grey Porri Tuff and selected lavas of the Monte dei Porri volcano, Salina, Aeolian Islands, southern Italy. <i>Open Geosciences</i> , 2012, 4, 338-355.	1.7	2
49	Lithologies, ages, and provenance of clasts in the Ordovician Fincastle Conglomerate, Botetourt County, Virginia, USA. <i>Stratigraphy</i> , 2018, 15, 1-20.	0.3	2
50	Late Devonian—Mississippian(?) Zn-Pb(-Ag-Au-Ba-F) deposits and related aluminous alteration zones in the Nome Complex, Seward Peninsula, Alaska. , 2014, , .		1
51	Geochemistry of selected lavas of the Panarea volcanic group, Aeolian Arc, Italy. <i>Mineralogy and Petrology</i> , 2015, 109, 597-610.	1.1	1
52	Magma mixing and exsolution phenomena in peralkaline rhyolites: insights from the Gold Flat Tuff, Nevada. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 171-186.	1.2	1
53	Zirconium-bearing accessory minerals in UK Paleogene granites: textural, compositional, and paragenetic relationships. <i>European Journal of Mineralogy</i> , 2021, 33, 537-570.	1.3	1
54	Fluid inclusion research — Proceedings of the commission on ore-forming fluids in inclusions (COFFI), vol. 11. <i>Chemical Geology</i> , 1983, 40, 184-185.	3.3	0