

James W Vallance

List of Publications by Year in descending order

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16
papers

1,735
citations

933447

10
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

1390
citing authors

#	ARTICLE	IF	CITATIONS
1	Objective delineation of lahar-inundation hazard zones. Bulletin of the Geological Society of America, 1998, 110, 972-984.	3.3	401
2	The Osceola Mudflow from Mount Rainier: Sedimentology and hazard implications of a huge clay-rich debris flow. Bulletin of the Geological Society of America, 1997, 109, 143-163.	3.3	298
3	New views of granular mass flows. Geology, 2001, 29, 115.	4.4	255
4	Dynamics of seismogenic volcanic extrusion at Mount St Helens in 2004-05. Nature, 2006, 444, 439-443.	27.8	191
5	Catastrophic precipitation-triggered lahar at Casita volcano, Nicaragua: occurrence, bulking and transformation. Earth Surface Processes and Landforms, 2005, 30, 59-79.	2.5	137
6	A voluminous avalanche-induced lahar from Citlaltépetl volcano, Mexico: Implications for hazard assessment. Journal of Volcanology and Geothermal Research, 1993, 59, 35-46.	2.1	102
7	Edifice collapse and related hazards in Guatemala. Journal of Volcanology and Geothermal Research, 1995, 66, 337-355.	2.1	83
8	Characteristics, extent and origin of hydrothermal alteration at Mount Rainier Volcano, Cascades Arc, USA: Implications for debris-flow hazards and mineral deposits. Journal of Volcanology and Geothermal Research, 2008, 175, 289-314.	2.1	75
9	Lahars and Their Deposits. , 2015, , 649-664.		57
10	Volcanic debris flows. , 2005, , 247-274.		34
11	Mount St. Helens reawakens. Eos, 2005, 86, 25.	0.1	31
12	Large-volume volcanic edifice failures in Central America and associated hazards. , 2006, , .		22
13	Cerro Quemado, Guatemala: the volcanic history and hazards of an exogenous volcanic dome complex. Journal of Volcanology and Geothermal Research, 1992, 52, 303-323.	2.1	21
14	Lahars at Cotopaxi and Tungurahua Volcanoes, Ecuador. , 2015, , 141-168.		13
15	Mount St. Helens: A 30-Year Legacy of Volcanism. Eos, 2010, 91, 169-170.	0.1	9
16	Crater glaciers on active volcanoes: Hydrological anomalies. Eos, 2005, 86, 521.	0.1	6