Heather A Viles

List of Publications by Year
in descending order

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181 papers	6,271 citations	50170 46 h-index	98622 67 g-index
198 all docs	198 docs citations	198 times ranked	4803 citing authors

#	Article	IF	Citations
1	Defining Damage and Susceptibility, with Implications for Mineral Specimens and Objects: Introducing the Mineral Susceptibility Database. Studies in Conservation, 2023, 68, 298-317.	0.6	1
2	Moisture Interactions Between Mosses and Their Underlying Stone Substrates. Studies in Conservation, 2022, 67, 532-544.	0.6	5
3	Moisture content and material density affects severity of frost damage in earthen heritage. Science of the Total Environment, 2022, 819, 153047.	3.9	9
4	Determining Water Transport Kinetics in Limestone by Dual-Wavelength Cavity Ring-Down Spectroscopy. Analytical Chemistry, 2022, 94, 3126-3134.	3.2	3
5	Lichen impact on sandstone hardness is speciesâ€specific. Earth Surface Processes and Landforms, 2022, 47, 1147-1156.	1.2	3
6	The bioprotective properties of the blue mussel (Mytilus edulis) on intertidal rocky shore platforms. Marine Geology, 2022, 445, 106734.	0.9	5
7	Weathering processes and forms. Geological Society Memoir, 2022, 58, 173-189.	0.9	3
8	Do environmental conditions determine whether salt driven decay leads to powdering or flaking in historic Reigate Stone masonry at the Tower of London?. Engineering Geology, 2022, 303, 106641.	2.9	5
9	Heritage hydrology: a conceptual framework for understanding water fluxes and storage in built and rock-hewn heritage. Heritage Science, 2022, 10, .	1.0	8
10	The global transformation of geomorphology. Geological Society Memoir, 2022, 58, 1-17.	0.9	6
11	Equality, diversity, inclusion: ensuring a resilient future for geomorphology. Earth Surface Processes and Landforms, 2021, 46, 5-11.	1.2	10
12	Ants as geomorphological agents: A global assessment. Earth-Science Reviews, 2021, 213, 103469.	4.0	22
13	Stone-built heritage as a proxy archive for long-term historical air quality: A study of weathering crusts on three generations of stone sculptures on Broad Street, Oxford. Science of the Total Environment, 2021, 759, 143916.	3.9	17
14	The distribution and nature of star dunes: A global analysis. Aeolian Research, 2021, 50, 100685.	1.1	14
15	Laboratory simulation of salt weathering under moderate ageing conditions: Implications for the deterioration of sandstone heritage in temperate climates. Earth Surface Processes and Landforms, 2021, 46, 1055-1066.	1.2	21
16	In Situ, Non-Destructive Testing for Evaluating the Role of Pointing Mortar in Preventive Conservation Strategies. A Case-Study on Reigate Stone at the Wardrobe Tower, Tower of London. Minerals (Basel, Switzerland), 2021, 11, 345.	0.8	3
17	Dome dunes: Distribution and morphology. Aeolian Research, 2021, 51, 100713.	1.1	6
18	Revisiting and reanalysing the concept of bioreceptivity 25Âyears on. Science of the Total Environment, 2021, 770, 145314.	3.9	50

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19	Integrating nature-based solutions and the conservation of urban built heritage: Challenges, opportunities, and prospects. Urban Forestry and Urban Greening, 2021, 63, 127192.	2.3	25
20	Biogeomorphology: Past, present and future. Geomorphology, 2020, 366, 106809.	1.1	49
21	A Multi Proxy Investigation of Moisture, Salt, and Weathering Dynamics on a Historic Urban Boundary Wall in Oxford, UK. Studies in Conservation, 2020, 65, 172-188.	0.6	7
22	Moisture monitoring of stone masonry: A comparison of microwave and radar on a granite wall and a sandstone tower. Journal of Cultural Heritage, 2020, 41, 61-73.	1.5	28
23	Assessing the Long-term Success of Reigate Stone Conservation at Hampton Court Palace and the Tower of London. Studies in Conservation, 2020, 65, P225-P232.	0.6	5
24	The importance of wind as a driver of earthen heritage deterioration in dryland environments. Geomorphology, 2020, 369, 107363.	1.1	27
25	Impact of colour on the bioreceptivity of granite to the green alga Apatococcus lobatus: Laboratory and field testing. Science of the Total Environment, 2020, 745, 141179.	3.9	12
26	Deterioration risk of dryland earthen heritage sites facing future climatic uncertainty. Scientific Reports, 2020, 10, 16419.	1.6	12
27	Modelling the risk of deterioration at earthen heritage sites in drylands. Earth Surface Processes and Landforms, 2020, 45, 2401-2416.	1.2	16
28	Integrated Strategy to Assess Conservation Treatments on Sandstone. Studies in Conservation, 2020, 65, P119-P123.	0.6	2
29	A review of the nature, role and control of lithobionts on stone cultural heritage: weighing-up and managing biodeterioration and bioprotection. World Journal of Microbiology and Biotechnology, 2020, 36, 100.	1.7	57
30	Pastoral Stone Enclosures as Biological Cultural Heritage: Galician and Cornish Examples of Community Conservation. Land, 2020, 9, 9.	1.2	12
31	Evaluating the Condition of Sandstone Rock-Hewn Cave-Temple FaÃ§ade Using In Situ Non-invasive Techniques. Rock Mechanics and Rock Engineering, 2020, 53, 2915-2920.	2.6	12
32	The many faces of Reigate Stone: an assessment of variability in historic masonry based on Medieval Londonâ€™s principal freestone. Heritage Science, 2020, 8, .	1.0	2
33	Editorial: Perspectives on the contemporary art-geoscience interface. Journal of Maps, 2019, 15, 1-8.	1.0	7
34	The Search for a Signature of Life on Mars: A Biogeomorphological Approach. Astrobiology, 2019, 19, 1279-1291.	1.5	14
35	Drying response of lime-mortar joints in granite masonry after an intense rainfall and after repointing. Heritage Science, 2019, 7, .	1.0	12
36	A comparison of standard and realistic curing conditions of natural hydraulic lime repointing mortar for damp masonry: Impact on laboratory evaluation. Journal of Cultural Heritage, 2019, 37, 82-93.	1.5	20

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37	The effect of wood ash on the properties and durability of lime mortar for repointing damp historic buildings. Construction and Building Materials, 2019, 212, 500-513.	3.2	42
38	A laboratory study of Equotip surface hardness measurements on a range of sandstones: What influences the values and what do they mean?. Earth Surface Processes and Landforms, 2019, 44, 1419-1429.	1.2	36
39	An â€˜isolated diffusionâ€™ gravimetric calibration procedure for radar and microwave moisture measurement in porous building stone. Journal of Applied Geophysics, 2019, 163, 1-12.	0.9	9
40	Towards a more effective and reliable salt crystallization test for porous building materials: state of the art. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	78
41	An Assessment of the Role of an Open Shelter in Reducing Soiling and Microbial Growth on the Archaeological Site of the Bishopâ€™s Palace, Witney, England. Conservation and Management of Archaeological Sites, 2018, 20, 2-17.	0.9	6
42	Ozymandias in the Anthropocene: The city as an emerging landform. Area, 2018, 50, 117-125.	1.0	17
43	Finding Common Ground between United Kingdom Based and Chinese Approaches to Earthen Heritage Conservation. Sustainability, 2018, 10, 3086.	1.6	11
44	Stress histories control rock-breakdown trajectories in arid environments. Geology, 2018, 46, 419-422.	2.0	9
45	Comparing the effectiveness of hyperspectral imaging and Raman spectroscopy: a case study on Armenian manuscripts. Heritage Science, 2018, 6, 42.	1.0	14
46	Wind-driven rain and future risk to built heritage in the United Kingdom: Novel metrics for characterising rain spells. Science of the Total Environment, 2018, 640-641, 1098-1111.	3.9	46
47	Thermal blanketing by ivy (Hedera helix L.) can protect building stone from damaging frosts. Scientific Reports, 2018, 8, 9834.	1.6	19
48	Linking rock weathering, rockwall instability and rockfall supply on talus slopes in glaciated hanging valleys (Swiss Alps). Permafrost and Periglacial Processes, 2018, 29, 135-151.	1.5	13
49	Characterisation of building exposure to wind-driven rain in the UK and evaluation of current standards. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 180, 88-97.	1.7	19
50	The influence of structural organization of epilithic and endolithic lichens on limestone weathering. Earth Surface Processes and Landforms, 2017, 42, 1666-1679.	1.2	13
51	Evaluating the Effects of Open Shelters on Limestone Deterioration at Archaeological Sites in Different Climatic Locations. International Journal of Architectural Heritage, 2017, 11, 816-828.	1.7	10
52	Catastrophic Limestone Decay at the Central Sanctuary of Iupiter Dolichenus at DÃ¼lÃ¼k Baba Tepesi in Southern Turkey: Causes and Implications for Future Conservation. Conservation and Management of Archaeological Sites, 2017, 19, 3-29.	0.9	2
53	Cool barnacles: Do common biogenic structures enhance or retard rates of deterioration of intertidal rocks and concrete?. Science of the Total Environment, 2017, 580, 1034-1045.	3.9	48
54	A simulation study of capillary transport, preferential retention and distribution of salts in historic sandstone buildings. Environmental Earth Sciences, 2017, 76, 1.	1.3	3

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55	Durability of anti-graffiti coatings on stone: natural vs accelerated weathering. PLoS ONE, 2017, 12, e0172347.	1.1	22
56	Low impact surface hardness testing (Equotip) on porous surfaces â€“ advances in methodology with implications for rock weathering and stone deterioration research. Earth Surface Processes and Landforms, 2016, 41, 1027-1038.	1.2	44
57	The Influence of Salt on Handheld Electrical Moisture Meters: Can They Be Used to Detect Salt Problems in Porous Stone?. International Journal of Architectural Heritage, 2016, 10, 735-748.	1.7	8
58	Valley floor aeolianite in an equatorial pit crater on Mars. Geophysical Research Letters, 2016, 43, 12,356.	1.5	7
59	Visualizing geomorphology: improving communication of data and concepts through engagement with the arts. Earth Surface Processes and Landforms, 2016, 41, 1793-1796.	1.2	23
60	Technology and geomorphology: Are improvements in data collection techniques transforming geomorphic science?. Geomorphology, 2016, 270, 121-133.	1.1	57
61	A multiâ€method investigation of temperature, moisture and salt dynamics in tafoni (Tafraoute,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	32
62	Predicting the long-term durability of hempâ€“lime renders in inland and coastal areas using Mediterranean, Tropical and Semi-arid climatic simulations. Science of the Total Environment, 2016, 542, 757-770.	3.9	19
63	Population-level zoogeomorphology: the case of the Eurasian badger (Meles meles L.). Physical Geography, 2015, 36, 215-238.	0.6	24
64	Rockâ€protecting seaweed? Experimental evidence of bioprotection in the intertidal zone. Earth Surface Processes and Landforms, 2015, 40, 1364-1370.	1.2	31
65	A chemical, morphological and mineralogical study on the interaction between hemp hurds and aerial and natural hydraulic lime particles: Implications for mortar manufacturing. Construction and Building Materials, 2015, 75, 375-384.	3.2	37
66	The spatial organization and microbial community structure of an epilithic biofilm. FEMS Microbiology Ecology, 2015, 91, .	1.3	28
67	Weathering on the Namib Plains: Marble and Granite. World Geomorphological Landscapes, 2015, , 91-96.	0.1	2
68	The Influence of the Type of Lime on the Hygric Behaviour and Bio-Receptivity of Hemp Lime Composites Used for Rendering Applications in Sustainable New Construction and Repair Works. PLoS ONE, 2015, 10, e0125520.	1.1	18
69	The Namib Plains: Gypsum Crusts and Stone Pavements. World Geomorphological Landscapes, 2015, , 103-106.	0.1	0
70	Salt Weathering in the Namib: Soutrivier and the Coastal Salt Pans. World Geomorphological Landscapes, 2015, , 97-101.	0.1	0
71	Exploring the influence of biofilm on shortâ€term expansion and contraction of supratidal rock: an example from the Mediterranean. Earth Surface Processes and Landforms, 2014, 39, 1404-1412.	1.2	20
72	Cracking up on asteroids. Nature, 2014, 508, 190-191.	13.7	1

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73	Communicating geomorphology: global challenges for the twenty-first century. Earth Surface Processes and Landforms, 2014, 39, 476-486.	1.2	22
74	Influence of ion exchange processes on salt transport and distribution in historic sandstone buildings. Applied Geochemistry, 2014, 48, 176-183.	1.4	8
75	Can plants keep ruins dry? A quantitative assessment of the effect of soft capping on rainwater flows over ruined walls. Ecological Engineering, 2014, 71, 173-179.	1.6	15
76	Linking weathering and rock slope instability: nonâ€linear perspectives. Earth Surface Processes and Landforms, 2013, 38, 62-70.	1.2	55
77	The characterisation of eukaryotic microbial communities onÂsandstone buildings in Belfast, UK, using TRFLP and 454 pyrosequencing. International Biodeterioration and Biodegradation, 2013, 82, 124-133.	1.9	51
78	Beyond geomorphosites: trade-offs, optimization, and networking in heritage landscapes. Environment Systems and Decisions, 2013, 33, 272-285.	1.9	12
79	Bioprotection and disturbance: Seaweed, microclimatic stability and conditions for mechanical weathering in the intertidal zone. Geomorphology, 2013, 202, 4-14.	1.1	85
80	Weathering in the central Namib Desert, Namibia: Controls, processes and implications. Journal of Arid Environments, 2013, 93, 20-29.	1.2	28
81	Algal â€˜greeningâ€™ and the conservation of stone heritage structures. Science of the Total Environment, 2013, 442, 152-164.	3.9	93
82	Durability and conservation of stone: coping with complexity. Quarterly Journal of Engineering Geology and Hydrogeology, 2013, 46, 367-375.	0.8	19
83	Using Handheld Moisture Meters on Limestone: Factors Affecting Performance and Guidelines for Best Practice. International Journal of Architectural Heritage, 2013, 7, 207-224.	1.7	31
84	Building Stone Condition Monitoring Using Specially Designed Compensated Optical Fiber Humidity Sensors. IEEE Sensors Journal, 2012, 12, 1011-1017.	2.4	29
85	Modelling the impact of changing atmospheric pollution levels on limestone erosion rates in central London, 1980â€“2010. Atmospheric Environment, 2012, 61, 476-481.	1.9	28
86	Microbial geomorphology: A neglected link between life and landscape. Geomorphology, 2012, 157-158, 6-16.	1.1	95
87	Reconceptualising the role of organisms in the erosion of rock coasts: A new model. Geomorphology, 2012, 157-158, 17-30.	1.1	97
88	Non-destructive sampling of rock-dwelling microbial communities using sterile adhesive tape. Journal of Microbiological Methods, 2012, 91, 391-398.	0.7	12
89	The role of rock surface hardness and internal moisture in tafoni development in sandstone. Earth Surface Processes and Landforms, 2012, 37, 301-314.	1.2	71
90	Experimental testing of the durability of lime-based mortars used for rendering historic buildings. Construction and Building Materials, 2012, 28, 807-818.	3.2	115

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91	Weathering and the global carbon cycle: Geomorphological perspectives. Earth-Science Reviews, 2012, 113, 59-71.	4.0	124
92	Global environmental change and the biology of heritage structures. Global Change Biology, 2012, 18, 2406-2418.	4.2	71
93	Is Ivy Good or Bad for Historic Walls?. Journal of Architectural Conservation, 2011, 17, 25-41.	0.1	27
94	Near-surface temperature cycling of stone and its implications for scales of surface deterioration. Geomorphology, 2011, 130, 76-82.	1.1	51
95	Sandstone geomorphology of the Golden Gate Highlands National Park, South Africa, in a global context. Koedoe, 2011, 53, .	0.3	25
96	A commentary on climate change, stone decay dynamics and the â€˜greeningâ€™ of natural stone buildings: new perspectives on â€˜deep wettingâ€™. Environmental Earth Sciences, 2011, 63, 1691-1700.	1.3	54
97	The use of the Schmidt Hammer and Equotip for rock hardness assessment in geomorphology and heritage science: a comparative analysis. Earth Surface Processes and Landforms, 2011, 36, 320-333.	1.2	185
98	Naming conventions in geomorphology: contributions and controversies in the sandstone landscape of Zhangjiajie Geopark, China. Earth Surface Processes and Landforms, 2011, 36, 1981-1984.	1.2	5
99	Evaluating the role of ivy (Hedera helix) in moderating wall surface microclimates and contributing to the bioprotection of historic buildings. Building and Environment, 2011, 46, 293-297.	3.0	91
100	Notice of Retraction: Absorption of Airborne Particulates and Pollutants by Ivy (Hedera helix L) in Oxford, UK. , 2011, , .		0
101	Moisture dynamics in walls: response to micro-environment and climate change. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 194-211.	1.0	39
102	Biogeomorphology. , 2011, , 246-259.		7
103	Weathering hazards. , 2010, , 145-160.		5
104	Dust particulate absorption by ivy (Hedera helix L) on historic walls in urban environments. Science of the Total Environment, 2010, 409, 162-168.	3.9	109
105	Can ²³⁴Uâ€“²³⁰Th dating be used to date large semiâ€arid tufas? Challenges from a study in the Naukluft Mountains, Namibia. Journal of Quaternary Science, 2010, 25, 1360-1372.	1.1	19
106	Wetting and drying of masonry walls: 2D-resistivity monitoring of driving rain experiments on historic stonework in Oxford, UK. Journal of Applied Geophysics, 2010, 70, 72-83.	0.9	60
107	Oxford stone revisited: causes and consequences of diversity in building limestone used in the historic centre of Oxford, England. Geological Society Special Publication, 2010, 333, 101-110.	0.8	12
108	Two-dimensional resistivity surveys of the moisture content of historic limestone walls in Oxford, UK: implications for understanding catastrophic stone deterioration. Geological Society Special Publication, 2010, 331, 237-249.	0.8	15

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109	Underlying issues on the selection, use and conservation of building limestone. Geological Society Special Publication, 2010, 331, 1-11.	0.8	12
110	Eukaryotic Microorganisms and Stone Biodeterioration. Geomicrobiology Journal, 2010, 27, 630-646.	1.0	69
111	Simulating weathering of basalt on Mars and Earth by thermal cycling. Geophysical Research Letters, 2010, 37, .	1.5	54
112	Geoelectric investigations into sandstone moisture regimes: Implications for rock weathering and the deterioration of San Rock Art in the Golden Gate Reserve, South Africa. Geomorphology, 2010, 118, 280-287.	1.1	75
113	Late Quaternary palaeohydrological changes in the northern Namib Sand Sea: New chronologies using OSL dating of interdigitated aeolian and water-lain interdune deposits. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 288, 35-53.	1.0	40
114	Optical fibre humidity sensor design for building stone condition monitoring. , 2010, , .		2
115	Recovery of lichen-dominated soil crusts in a hyper-arid desert. Biodiversity and Conservation, 2008, 17, 1-20.	1.2	64
116	Photographic monitoring of soiling and decay of roadside walls in central Oxford, England. Environmental Geology, 2008, 56, 777-787.	1.2	14
117	Innovative applications of laser scanning and rapid prototype printing to rock breakdown experiments. Earth Surface Processes and Landforms, 2008, 33, 1614-1621.	1.2	37
118	Biogeomorphological disturbance regimes: progress in linking ecological and geomorphological systems. Earth Surface Processes and Landforms, 2008, 33, 1419-1435.	1.2	140
119	Understanding Dryland Landscape Dynamics: Do Biological Crusts Hold the Key?. Geography Compass, 2008, 2, 899-919.	1.5	43
120	Quantitative morphologic analysis of boulder shape and surface texture to infer environmental history: A case study of rock breakdown at the Ephrata Fan, Channeled Scabland, Washington. Journal of Geophysical Research, 2008, 113, .	3.3	35
121	Modelling cockpit karst landforms. Geological Society Special Publication, 2008, 296, 47-62.	0.8	6
122	Photo-based decay mapping of replaced stone blocks on the boundary wall of Worcester College, Oxford. Geological Society Special Publication, 2007, 271, 69-75.	0.8	17
123	Green walls?: integrated laboratory and field testing of the effectiveness of soft wall capping in conserving ruins. Geological Society Special Publication, 2007, 271, 309-322.	0.8	7
124	Rapid salt weathering in the coastal Namib desert: Implications for landscape development. Geomorphology, 2007, 85, 49-62.	1.1	55
125	The use of GIS-based digital morphometric techniques in the study of cockpit karst. Earth Surface Processes and Landforms, 2007, 32, 165-179.	1.2	42
126	Simulation of the dissolution of weathered versus unweathered limestone in carbonic acid solutions of varying strength. Earth Surface Processes and Landforms, 2007, 32, 841-852.	1.2	41

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127	Facies evidence of hydroclimatic regime shifts in tufa depositional sequences from the arid Naukluft Mountains, Namibia. Sedimentary Geology, 2007, 195, 39-53.	1.0	61
128	Lichen-dominated soil crusts as arthropod habitat in warm deserts. Journal of Arid Environments, 2006, 67, 579-593.	1.2	39
129	The influence of multiâ€scale environmental variables on the distribution of terricolous lichens in a fog desert. Journal of Vegetation Science, 2006, 17, 831-838.	1.1	23
130	Do vehicle track disturbances affect the productivity of soil-growing lichens in a fog desert?. Functional Ecology, 2006, 20, 548-556.	1.7	18
131	How wet are these walls? Testing aÂnovel technique forÂmeasuring moisture inÂruined walls. Journal of Cultural Heritage, 2006, 7, 257-263.	1.5	55
132	Changing patterns of soiling and microbial growth on building stone in Oxford, England after implementation of a major traffic scheme. Science of the Total Environment, 2006, 367, 203-211.	3.9	24
133	Terricolous lichens in the northern Namib Desert of Namibia: distribution and community composition. Lichenologist, 2005, 37, 77-91.	0.5	37
134	Self-organized or disorganized? Towards a general explanation of cavernous weathering. Earth Surface Processes and Landforms, 2005, 30, 1471-1473.	1.2	19
135	Can stone decay be chaotic?. , 2005, , .		9
136	Microclimate and weathering in the central Namib Desert, Namibia. Geomorphology, 2005, 67, 189-209.	1.1	78
137	Bioprotection explored: the story of a little known earth surface process. Geomorphology, 2005, 67, 273-281.	1.1	110
138	The Effects of Air Pollution on the Built EnvironmentEDITED BY PETER BRIMBLECOMBE xix + 428 pp., 89 figs, 23.5 Ã— 16 Ã— 2.5 cm, ISBN 1 86094 291 1 hardback, GBÂ£ 26.00, London, UK: Imperial College Press, 2003.0.7 Environmental Conservation, 2004, 31, 175-176.		0
139	Does Area keep you awake at night?. Area, 2004, 36, 337-337.	1.0	1
140	Biofilms and case hardening on sandstones from Al-Quwayra, Jordan. Earth Surface Processes and Landforms, 2004, 29, 1473-1485.	1.2	61
141	Integrated digital photography and image processing for the quantification of colouration on soiled limestone surfaces in Oxford, England. Journal of Cultural Heritage, 2004, 5, 285-290.	1.5	39
142	Lichen hotspots: raised rock temperatures beneath Verrucaria nigrescens on limestone. Geomorphology, 2004, 62, 1-16.	1.1	52
143	Interannual, decadal and multidecadal scale climatic variability and geomorphology. Earth-Science Reviews, 2003, 61, 105-131.	4.0	133
144	Polymer coatings to passivate calcite from acid attack: polyacrylic acid and polyacrylonitrile. Journal of Colloid and Interface Science, 2003, 260, 204-210.	5.0	7

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145	Channel flow cell studies on the evaluation of surface pretreatments using phosphoric acid or polymaleic acid for calcite stone protection. Journal of Colloid and Interface Science, 2003, 259, 338-345.	5.0	12
146	Soiling and microbial colonisation on urban roadside limestone: a three year study in Oxford, England. Building and Environment, 2003, 38, 1217-1224.	3.0	62
147	Conceptual modeling of the impacts of climate change on karst geomorphology in the UK and Ireland. Journal for Nature Conservation, 2003, 11, 59-66.	0.8	12
148	Implications of future climate change for stone deterioration. Geological Society Special Publication, 2002, 205, 407-418.	0.8	37
149	A New Technique to Evaluate and Quantify Modified Solution Kinetics of Calcareous Materials after Sulphuric Acid Pre-Treatment and Urban Exposure. Studies in Conservation, 2002, 47, 88.	0.6	2
150	A New Technique to Evaluate and Quantify Modified Solution Kinetics of Calcareous Materials After Sulphuric Acid Pre-Treatment and Urban Exposure. Studies in Conservation, 2002, 47, 88-94.	0.6	2
151	Biogeomorphology revisited: looking towards the future. Geomorphology, 2002, 47, 3-14.	1.1	152
152	A new technique for evaluating short-term rates of coastal bioerosion and bioprotection. Geomorphology, 2002, 47, 31-44.	1.1	52
153	The nature and rate of weathering by lichens on lava flows on Lanzarote. Geomorphology, 2002, 47, 87-94.	1.1	51
154	Bioconstruction, bioerosion and disturbance on tropical coasts: coral reefs and rocky limestone shores. Geomorphology, 2002, 48, 23-50.	1.1	77
155	The roles of salt (sodium nitrate) and fog in weathering: a laboratory simulation of conditions in the northern Atacama Desert, Chile. Catena, 2002, 48, 255-266.	2.2	58
156	Soiling and decay of N.M.E.P. limestone tablets. Science of the Total Environment, 2002, 292, 215-229.	3.9	29
157	A fair reflection of the state of shingle beach research Packham, J. R., Randall, R. E., Barnes, R. S. K. & Neal, A. (eds) (2001) Ecology and geomorphology of coastal shingle. Westbury Academic and Scientific Publishing, Otley, UK. xxii + 460 pp., figs, tables, index. Hardback: Price f48.00. ISBN 184103 007 4.. Journal of Biogeography, 2002, 29, 147-147.	1.4	0
158	Scale issues in weathering studies. Geomorphology, 2001, 41, 63-72.	1.1	133
159	Channel Flow Cell Studies of the Inhibiting Action of Gypsum on the Dissolution Kinetics of Calcite: A Laboratory Approach with Implications for Field Monitoring. Journal of Colloid and Interface Science, 2001, 236, 354-361.	5.0	36
160	The Effect of Surface Pretreatment with Polymaleic Acid, Phosphoric Acid, or Oxalic Acid on the Dissolution Kinetics of Calcium Carbonate in Aqueous Acid. Journal of Colloid and Interface Science, 2001, 242, 378-385.	5.0	24
161	Twenty-year weathering remeasurements at St Paul's Cathedral, London. Earth Surface Processes and Landforms, 2001, 26, 1129-1142.	1.2	48
162	The role of playas in pedogenic gypsum crust formation in the Central Namib Desert: a theoretical model. Earth Surface Processes and Landforms, 2001, 26, 1177-1193.	1.2	46

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163	Observations on 16 years of microfloral recolonization data from limestone surfaces, Aldabra Atoll, Indian Ocean: implications for biological weathering. Earth Surface Processes and Landforms, 2000, 25, 1355-1370.	1.2	15
164	The travertine dams of Slade Brook, Gloucestershire: their formation and conservation. Geology Today, 2000, 16, 22-25.	0.3	9
165	Beach cement: incipient CaCO 3 -cemented beachrock development in the upper intertidal zone, North Uist, Scotland. Sedimentary Geology, 2000, 132, 165-170.	1.0	54
166	A temperate reef builder: an evaluation of the growth, morphology and composition of Sabellaria alveolata (L.) colonies on carbonate platforms in South Wales. Geological Society Special Publication, 2000, 178, 9-19.	0.8	25
167	Weathering, Geomorphology and Climatic Variability in the Central Namib Desert. Advances in Global Change Research, 2000, , 65-82.	1.6	9
168	Field and laboratory approaches to limestone weathering. Quarterly Journal of Engineering Geology and Hydrogeology, 1998, 31, 333-341.	0.8	23
169	Experimental production of weathering nanomorphologies on carbonate stone. Quarterly Journal of Engineering Geology and Hydrogeology, 1998, 31, 347-357.	0.8	36
170	Monitoring of rapid salt weathering in the central Namib Desert using limestone blocks. Journal of Arid Environments, 1997, 37, 581-598.	1.2	55
171	'Unswept stone, besmeer'd by sluttish time': Air Pollution and Building Stone Decay in Oxford, 1790 - 1960. Environment and History, 1996, 2, 359-372.	0.1	22
172	Rock-weathering by the lichenLecidea auriculata in an arctic alpine environment. Earth Surface Processes and Landforms, 1995, 20, 199-206.	1.2	75
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