

# David M. Freire

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

583  
citations

840776

11  
h-index

713466

21  
g-index

33  
all docs

33  
docs citations

33  
times ranked

473  
citing authors

| #  | ARTICLE                                                                                                                                                                                                               | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | The historical quarry of pena (Vila Real, north of Portugal): Associated cultural heritage and reuse as a geotourism resource. <i>Resources Policy</i> , 2022, 75, 102528.                                            | 9.6 | 9         |
| 2  | Petrographic and petrophysical characterisation and structural function of the heritage stones in Fuwairit Archaeological Site (NE Qatar): implications for heritage conservation. <i>Episodes</i> , 2021, 44, 43-58. | 1.2 | 17        |
| 3  | Rare Biogeochemical Phenomenon Associated to Manganese Patinas on Mural Painting and Granite Ashlars. <i>Coatings</i> , 2021, 11, 917.                                                                                | 2.6 | 6         |
| 4  | The Forerunners on Heritage Stones Investigation: Historical Synthesis and Evolution. <i>Heritage</i> , 2021, 4, 1228-1268.                                                                                           | 1.9 | 20        |
| 5  | Cadalso de los Vidrios leucogranite "Blanco Cristal": a widely used heritage stone from Spain. <i>Geological Society Special Publication</i> , 2020, 486, 53-65.                                                      | 1.3 | 3         |
| 6  | Artificial microcracking of granites subjected to salt crystallization aging test. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 5499-5515.                                                  | 3.5 | 22        |
| 7  | Historical City Centres and Traditional Building Stones as Heritage: Barrio de las Letras, Madrid (Spain). <i>Geoheritage</i> , 2019, 11, 71-85.                                                                      | 2.8 | 29        |
| 8  | Multi-Analysis Characterisation of a Vernacular House in Doha (Qatar): Petrography and Petrophysics of its Construction Materials. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 241.                               | 2.0 | 2         |
| 9  | Estimating compressive and flexural strength of travertines with respect to laminae-orientation by geomechanical properties. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 1451-1470.        | 3.5 | 4         |
| 10 | Ghaleh-khargushi rhyodacite and Gori and andesite from Iran: characterization, uses, and durability. <i>Environmental Earth Sciences</i> , 2018, 77, 1.                                                               | 2.7 | 25        |
| 11 | Exfoliation microcracks in building granite. Implications for anisotropy. <i>Engineering Geology</i> , 2017, 220, 85-93.                                                                                              | 6.3 | 54        |
| 12 | Strength anisotropy in building granites. <i>International Journal of Architectural Heritage</i> , 2017, , 1-13.                                                                                                      | 3.1 | 8         |
| 13 | Historical Quarries, Decay and Petrophysical Properties of Carbonate Stones Used in the Historical Center of Madrid (Spain). <i>AIMS Geosciences</i> , 2017, 3, 284-303.                                              | 1.0 | 10        |
| 14 | San Pedro Leucogranite from a Coruña, Northwest of Spain: Uses of a Heritage Stone. <i>Energy Procedia</i> , 2016, 97, 554-561.                                                                                       | 1.8 | 4         |
| 15 | Causes of scaling on bush-hammered heritage ashlar: a case study "Plaza Mayor of Madrid (Spain). <i>Environmental Earth Sciences</i> , 2016, 75, 1.                                                                   | 2.7 | 15        |
| 16 | Thermal stress-induced microcracking in building granite. <i>Engineering Geology</i> , 2016, 206, 83-93.                                                                                                              | 6.3 | 147       |
| 17 | Heritage Stone 4. The Piedra Berroqueña Region: Candidacy for Global Heritage Stone Province Status. <i>Geoscience Canada</i> , 2016, 43, 43.                                                                         | 0.8 | 8         |
| 18 | Nomination of Zarzalejo Granite, a Spanish Heritage Building Stone, as a "Global Heritage Stone Resource". <i>Energy Procedia</i> , 2015, 76, 642-651.                                                                | 1.8 | 4         |

| #  | ARTICLE                                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Freeze-thaw fracturing in building granites. Cold Regions Science and Technology, 2015, 113, 40-51.                                                                                                                                     | 3.5 | 115       |
| 20 | Gypsum Decay Simulation: Risco de las Cuevas Case Study, Madrid, Spain. , 2015, , 491-494.                                                                                                                                              |     | 1         |
| 21 | Evolution in the use of natural building stone in Madrid, Spain. Quarterly Journal of Engineering Geology and Hydrogeology, 2013, 46, 421-429.                                                                                          | 1.4 | 46        |
| 22 | Discovery, mapping and interpretation of buried cultural resources non-invasively with ground-penetrating radar. Journal of Geophysics and Engineering, 2011, 8, S13-S22.                                                               | 1.4 | 18        |
| 23 | Geotourism from Fuente de Cibeles of Madrid. History, Building Stones and Quarries. Cadernos Do Laboratorio Xeoloxico De Laxe, 0, 42, 69-94.                                                                                            | 0.0 | 4         |
| 24 | Stone provenance and conservation of the Trinitarias Descalzas of San Ildefonso convent, Madrid (Spain). Ge-Conservacion, 0, 11, 25-33.                                                                                                 | 0.2 | 3         |
| 25 | Comparación de propiedades petrográficas y petrofísicas de tres fragmentos escultóricos para determinar su pertenencia al sepulcro de Nuno Freire de Andrade II (siglo XIV). Cadernos Do Laboratorio Xeoloxico De Laxe, 0, 40, 215-227. | 0.0 | 0         |