

Joan Estrany

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

912
citations

471509

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477307

29
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65
all docs

65
docs citations

65
times ranked

1199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Secondary succession and parent material drive soil bacterial community composition in terraced abandoned olive groves from a Mediterranean hyper-humid mountainous area. <i>Agriculture, Ecosystems and Environment</i> , 2022, 332, 107932. | 5.3 | 8 |
| 2 | Analysing hydrological and sediment transport regime in two Mediterranean intermittent rivers. <i>Catena</i> , 2021, 196, 104865. | 5.0 | 21 |
| 3 | Influence of weather types on the hydrosedimentary response in three small catchments on the Island of Mallorca, Spain. <i>Environmental Research</i> , 2021, 192, 110324. | 7.5 | 3 |
| 4 | Eco-geomorphological connectivity and coupling interactions at hillslope scale in drylands: Concepts and critical examples. <i>Journal of Arid Environments</i> , 2021, 186, 104418. | 2.4 | 7 |
| 5 | Characterizing vegetation complexity with unmanned aerial systems (UAS) – A framework and synthesis. <i>Ecological Indicators</i> , 2021, 131, 108156. | 6.3 | 18 |
| 6 | Combining sediment fingerprinting and hydro-sedimentary monitoring to assess suspended sediment provenance in a mid-mountainous Mediterranean catchment. <i>Journal of Environmental Management</i> , 2021, 299, 113593. | 7.8 | 9 |
| 7 | Can inpainting improve digital terrain analysis? Comparing techniques for void filling, surface reconstruction and geomorphometric analyses. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 736-755. | 2.5 | 13 |
| 8 | Climate and land use change effects on soil erosion in two small agricultural catchment systems Fugnitz – Austria, Can Revull – Spain. <i>Science of the Total Environment</i> , 2020, 704, 135389. | 8.0 | 61 |
| 9 | Runoff and soil moisture as driving factors in suspended sediment transport of a small mid-mountain Mediterranean catchment. <i>Geomorphology</i> , 2020, 368, 107349. | 2.6 | 21 |
| 10 | Analysis of post-fire suspended sediment sources by using colour parameters. <i>Geoderma</i> , 2020, 379, 114638. | 5.1 | 15 |
| 11 | Relationship of Weather Types on the Seasonal and Spatial Variability of Rainfall, Runoff, and Sediment Yield in the Western Mediterranean Basin. <i>Atmosphere</i> , 2020, 11, 609. | 2.3 | 13 |
| 12 | Multiple Temporal Scales Assessment in the Hydrological Response of Small Mediterranean-Climate Catchments. <i>Water (Switzerland)</i> , 2020, 12, 299. | 2.7 | 12 |
| 13 | Evaluating functional connectivity in a small agricultural catchment under contrasting flood events by using UAV. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 800-815. | 2.5 | 7 |
| 14 | Nano and Micro Unmanned Aerial Vehicles (UAVs): A New Grand Challenge for Precision Agriculture?. <i>Current Protocols in Plant Biology</i> , 2020, 5, e20103. | 2.8 | 13 |
| 15 | Hydrogeomorphological analysis and modelling for a comprehensive understanding of flash-flood damage processes: the 9 October 2018 event in northeastern Mallorca. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2195-2220. | 3.6 | 5 |
| 16 | Comparison of stage/discharge rating curves derived from different recording systems: Consequences for streamflow data and water management in a Mediterranean island. <i>Science of the Total Environment</i> , 2019, 665, 968-981. | 8.0 | 5 |
| 17 | Sediment connectivity linked to vegetation using UAVs: High-resolution imagery for ecosystem management. <i>Science of the Total Environment</i> , 2019, 671, 1192-1205. | 8.0 | 33 |
| 18 | Holocene demographic fluctuations, climate and erosion in the Mediterranean: A meta data-analysis. <i>Holocene</i> , 2019, 29, 864-885. | 1.7 | 54 |

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|----|--|-----|-----------|
| 19 | Spatial variability of the relationships of runoff and sediment yield with weather types throughout the Mediterranean basin. <i>Journal of Hydrology</i> , 2019, 571, 390-405. | 5.4 | 49 |
| 20 | Effects of land use and seasonality on stream water quality in a small tropical catchment: The headwater of C  rrego   gua Limpa, S  o Paulo (Brazil). <i>Science of the Total Environment</i> , 2018, 622-623, 1553-1561. | 8.0 | 90 |
| 21 | Spatial patterns of sediment connectivity in terraced lands: Anthropogenic controls of catchment sensitivity. <i>Land Degradation and Development</i> , 2018, 29, 1198-1210. | 3.9 | 53 |
| 22 | Testing the Use of ²¹⁰ Pb _{ex} to Study Sediment Connectivity in a Mediterranean Mountain Basin with Badlands. <i>Land Degradation and Development</i> , 2018, 29, 676-689. | 3.9 | 8 |
| 23 | Accuracy Assessment of Digital Terrain Model Dataset Sources for Hydrogeomorphological Modelling in Small Mediterranean Catchments. <i>Remote Sensing</i> , 2018, 10, 2014. | 4.0 | 12 |
| 24 | The role of wildfire on soil quality in abandoned terraces of three Mediterranean micro-catchments. <i>Catena</i> , 2018, 170, 246-256. | 5.0 | 17 |
| 25 | Interactions between Geomorphology and Urban Evolution Since Neolithic Times in a Mediterranean City. , 2018, , 9-35. | | 2 |
| 26 | Effects of agricultural drainage systems on sediment connectivity in a small Mediterranean lowland catchment. <i>Geomorphology</i> , 2018, 318, 162-171. | 2.6 | 27 |
| 27 | Regeneration of three pine species in a Mediterranean forest: A study to test predictions from species distribution models under changing climates. <i>Science of the Total Environment</i> , 2017, 584-585, 78-87. | 8.0 | 16 |
| 28 | Post-fire hydrological response and suspended sediment transport of a terraced Mediterranean catchment. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2254-2265. | 2.5 | 29 |
| 29 | Source ascription in bed sediments of a Mediterranean temporary stream after the first post-fire flush. <i>Journal of Soils and Sediments</i> , 2017, 17, 2582-2595. | 3.0 | 7 |
| 30 | Exploring suspended sediment delivery dynamics of two Mediterranean nested catchments. <i>Hydrological Processes</i> , 2017, 31, 698-715. | 2.6 | 45 |
| 31 | Changes in Soil Quality and Hydrological Connectivity Caused by the Abandonment of Terraces in a Mediterranean Burned Catchment. <i>Forests</i> , 2017, 8, 333. | 2.1 | 27 |
| 32 | Wildfire Effects on Suspended Sediment Delivery Quantified Using Fallout Radionuclide Tracers in a Mediterranean Catchment. <i>Land Degradation and Development</i> , 2016, 27, 1501-1512. | 3.9 | 18 |
| 33 | Respuesta hidro-sedimentaria en dos cuencas mediterr  neas representativas afectadas por el cambio global. <i>Cuaternario Y Geomorfologia</i> , 2016, 30, 87. | 0.2 | 4 |
| 34 | Catchment controls and human disturbances on the geomorphology of small Mediterranean estuarine systems. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 150, 230-241. | 2.1 | 11 |
| 35 | The Study of Land Degradation in Drylands: State of the Art. , 2014, , 13-54. | | 3 |
| 36 | Characterizing Patterns. , 2014, , 211-245. | | 0 |

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|----|--|-----|-----------|
| 37 | A suspended sediment budget for the agricultural Can Revull catchment (Mallorca, Spain). Zeitschrift für Geomorphologie, 2012, 56, 169-193. | 0.8 | 11 |
| 38 | Fluxes and storage of fine-grained sediment and associated contaminants in the Na Borges River (Mallorca, Spain). Catena, 2011, 87, 291-305. | 5.0 | 17 |
| 39 | Hydrological response of a small mediterranean agricultural catchment. Journal of Hydrology, 2010, 380, 180-190. | 5.4 | 49 |
| 40 | Streamflow dynamics in a Mediterranean temporary river. Hydrological Sciences Journal, 2010, 55, 717-736. | 2.6 | 5 |
| 41 | An investigation of soil erosion and redistribution in a Mediterranean lowland agricultural catchment using caesium-137. International Journal of Sediment Research, 2010, 25, 1-16. | 3.5 | 34 |
| 42 | Suspended sediment transport in a small Mediterranean agricultural catchment. Earth Surface Processes and Landforms, 2009, 34, 929-940. | 2.5 | 38 |
| 43 | Groundwater control on the suspended sediment load in the Na Borges River, Mallorca, Spain. Geomorphology, 2009, 106, 292-303. | 2.6 | 20 |