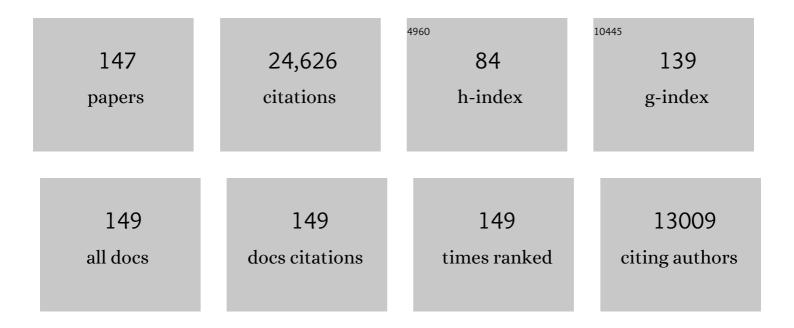
William E Dietrich

List of Publications by Year in descending order

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WILLIAM F DIFTRICH

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Multicriteria analysis on rock moisture and streamflow in a rainfallâ€runoff model improves accuracy of model results. Hydrological Processes, 2022, 36, . | 2.6 | 1 |
| 2 | Orbital and In‣itu Investigation of Periodic Bedrock Ridges in Glen Torridon, Gale Crater, Mars. Journal of Geophysical Research E: Planets, 2022, 127, . | 3.6 | 18 |
| 3 | Controls on the size distributions of shallow landslides. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 17 |
| 4 | The Relationship Between Topography, Bedrock Weathering, and Water Storage Across a Sequence of Ridges and Valleys. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005848. | 2.8 | 13 |
| 5 | Inverted channel variations identified on a distal portion of a bajada in the central Atacama Desert, Chile. Geomorphology, 2021, 393, 107925. | 2.6 | 6 |
| 6 | Chemical reactions, porosity, and microfracturing in shale during weathering: The effect of erosion rate. Geochimica Et Cosmochimica Acta, 2020, 269, 63-100. | 3.9 | 68 |
| 7 | Origin and composition of three heterolithic boulder- and cobble-bearing deposits overlying the Murray and Stimson formations, Gale Crater, Mars. Icarus, 2020, 350, 113897. | 2.5 | 11 |
| 8 | Lithologically Controlled Subsurface Critical Zone Thickness and Water Storage Capacity Determine Regional Plant Community Composition. Water Resources Research, 2019, 55, 3028-3055. | 4.2 | 97 |
| 9 | Direct observations of rock moisture, a hidden component of the hydrologic cycle. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2664-2669. | 7.1 | 231 |
| 10 | Controls on the distribution and resilience of Quercus garryana : ecophysiological evidence of oak's waterâ€limitation tolerance. Ecosphere, 2018, 9, e02218. | 2.2 | 25 |
| 11 | Quantification of the seasonal hillslope water storage that does not drive streamflow. Hydrological Processes, 2018, 32, 1978-1992. | 2.6 | 66 |
| 12 | Controls on solute concentrationâ€discharge relationships revealed by simultaneous hydrochemistry observations of hillslope runoff and stream flow: The importance of critical zone structure. Water Resources Research, 2017, 53, 1424-1443. | 4.2 | 74 |
| 13 | The frontier beneath our feet. Water Resources Research, 2017, 53, 2605-2609. | 4.2 | 90 |
| 14 | Seasonal shifts in the solute ion ratios of vadose zone rock moisture from the Eel River Critical Zone Observatory. Acta Geochimica, 2017, 36, 385-388. | 1.7 | 13 |
| 15 | Expanding the role of reactive transport models in critical zone processes. Earth-Science Reviews, 2017, 165, 280-301. | 9.1 | 207 |
| 16 | Sequence and relative timing of large lakes in Gale crater (Mars) after the formation of Mount Sharp. Journal of Geophysical Research E: Planets, 2016, 121, 472-496. | 3.6 | 72 |
| 17 | Dynamic, structured heterogeneity of water isotopes inside hillslopes. Water Resources Research, 2016, 52, 164-189. | 4.2 | 83 |
| 18 | Effects of coarse grain size distribution and fine particle content on pore fluid pressure and shear behavior in experimental debris flows. Journal of Geophysical Research F: Earth Surface, 2016, 121, 415-441. | 2.8 | 97 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Coevolution of bed surface patchiness and channel morphology: 1. Mechanisms of forced patch formation. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1687-1707. | 2.8 | 22 |
| 20 | Coevolution of bed surface patchiness and channel morphology: 2. Numerical experiments. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1708-1723. | 2.8 | 15 |
| 21 | Predicting shallow landslide size and location across a natural landscape: Application of a spectral clustering search algorithm. Journal of Geophysical Research F: Earth Surface, 2015, 120, 2552-2585. | 2.8 | 28 |
| 22 | The Landscape Evolution Observatory: A large-scale controllable infrastructure to study coupled Earth-surface processes. Geomorphology, 2015, 244, 190-203. | 2.6 | 47 |
| 23 | Hillslope soils and vegetation. Geomorphology, 2015, 234, 122-132. | 2.6 | 94 |
| 24 | A spectral clustering search algorithm for predicting shallow landslide size and location. Journal of Geophysical Research F: Earth Surface, 2015, 120, 300-324. | 2.8 | 38 |
| 25 | The origin and evolution of the Peace Vallis fan system that drains to the <i>Curiosity</i> landing area, Gale Crater, Mars. Journal of Geophysical Research E: Planets, 2014, 119, 705-728. | 3.6 | 112 |
| 26 | A multidimensional stability model for predicting shallow landslide size and shape across landscapes. Journal of Geophysical Research F: Earth Surface, 2014, 119, 2481-2504. | 2.8 | 98 |
| 27 | A bottom-up control on fresh-bedrock topography under landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6576-6581. | 7.1 | 205 |
| 28 | Vegetation induced changes in the stable isotope composition of near surface humidity. Ecohydrology, 2014, 7, 936-949. | 2.4 | 42 |
| 29 | Delineation of river bed-surface patches by clustering high-resolution spatial grain size data. Geomorphology, 2014, 205, 102-119. | 2.6 | 42 |
| 30 | Howard Receives 2013 G. K. Gilbert Award: Citation. Eos, 2014, 95, 344-344. | 0.1 | 0 |
| 31 | Continental-scale relationship between bankfull width and drainage area for single-thread alluvial channels. Water Resources Research, 2014, 50, 919-936. | 4.2 | 21 |
| 32 | Influence of bed patchiness, slope, grain hiding, and form drag on gravel mobilization in very steep streams. Journal of Geophysical Research F: Earth Surface, 2013, 118, 982-1001. | 2.8 | 48 |
| 33 | Rain, rock moisture dynamics, and the rapid response of perched groundwater in weathered, fractured argillite underlying a steep hillslope. Water Resources Research, 2012, 48, . | 4.2 | 124 |
| 34 | Localized precipitation and runoff on Mars. Journal of Geophysical Research, 2011, 116, . | 3.3 | 31 |
| 35 | Chaos terrain, storms, and past climate on Mars. Journal of Geophysical Research, 2011, 116, . | 3.3 | 13 |
| 36 | Dietrich receives 2010 G. K. Gilbert Award: Response. Eos, 2011, 92, 205-205. | 0.1 | 0 |

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 37 | The sensitivity of hillslope bedrock erosion to precipitation. Earth Surface Processes and Landforms, 2011, 36, 117-135. | 2.5 | 89 |
| 38 | A geometric framework for channel network extraction from lidar: Nonlinear diffusion and geodesic paths. Journal of Geophysical Research, 2010, 115, . | 3.3 | 183 |
| 39 | William E. Dietrich Receives 2009 Robert E. Horton Medal. Eos, 2010, 91, 47-47. | 0.1 | 0 |
| 40 | Morphodynamics of subaqueous levee formation: Insights into river mouth morphologies arising from experiments. Journal of Geophysical Research, 2010, 115, . | 3.3 | 44 |
| 41 | Bed topography and the development of forced bed surface patches. Journal of Geophysical Research, 2010, 115, . | 3.3 | 54 |
| 42 | Influence of rock mass strength on the erosion rate of alpine cliffs. Earth Surface Processes and Landforms, 2009, 34, 1339-1352. | 2.5 | 110 |
| 43 | Formation of evenly spaced ridges and valleys. Nature, 2009, 460, 502-505. | 27.8 | 237 |
| 44 | Statistical description of slopeâ€dependent soil transport and the diffusionâ€like coefficient. Journal of Geophysical Research, 2009, 114, . | 3.3 | 68 |
| 45 | Managing reservoir sediment release in dam removal projects: An approach informed by physical and numerical modelling of nonâ€cohesive sediment. International Journal of River Basin Management, 2009, 7, 433-452. | 2.7 | 40 |
| 46 | Instrumental record of debris flow initiation during natural rainfall: Implications for modeling slope stability. Journal of Geophysical Research, 2009, 114, . | 3.3 | 66 |
| 47 | Response of bed surface patchiness to reductions in sediment supply. Journal of Geophysical Research, 2009, 114, . | 3.3 | 116 |
| 48 | Translation and dispersion of sediment pulses in flume experiments simulating gravel augmentation below dams. Water Resources Research, 2009, 45, . | 4.2 | 99 |
| 49 | Turbulent characteristics of a shallow wall-bounded plane jet: experimental implications for river mouth hydrodynamics. Journal of Fluid Mechanics, 2009, 627, 423-449. | 3.4 | 50 |
| 50 | Implications of the saltation–abrasion bedrock incision model for steadyâ€state river longitudinal profile relief and concavity. Earth Surface Processes and Landforms, 2008, 33, 1129-1151. | 2.5 | 82 |
| 51 | Unravelling the conundrum of river response to rising seaâ€level from laboratory to field. Part I: Laboratory experiments. Sedimentology, 2008, 55, 1643-1655. | 3.1 | 41 |
| 52 | Unravelling the conundrum of river response to rising seaâ€level from laboratory to field. Part II. The Fly–Strickland River system, Papua New Guinea. Sedimentology, 2008, 55, 1657-1686. | 3.1 | 64 |
| 53 | The depositional web on the floodplain of the Fly River, Papua New Guinea. Journal of Geophysical Research, 2008, 113, . | 3.3 | 82 |
| 54 | Sediment load and floodplain deposition rates: Comparison of the Fly and Strickland rivers, Papua New Guinea. Journal of Geophysical Research, 2008, 113, . | 3.3 | 45 |

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| 55 | Biogeochemical characterization of carbon sources in the Strickland and Fly rivers, Papua New Guinea. Journal of Geophysical Research, 2008, 113, . | 3.3 | 68 |
| 56 | Response of the Strickland and Fly River confluence to postglacial sea level rise. Journal of Geophysical Research, 2008, 113, . | 3.3 | 19 |
| 57 | Spatial and temporal dynamics of sediment accumulation and exchange along Strickland River floodplains (Papua New Guinea) over decadalâ€ŧoâ€centennial timescales. Journal of Geophysical Research, 2008, 113, . | 3.3 | 97 |
| 58 | Sediment supply and relative size distribution effects on fine sediment infiltration into immobile gravels. Water Resources Research, 2008, 44, . | 4.2 | 99 |
| 59 | Experimental study of bedrock erosion by granular flows. Journal of Geophysical Research, 2008, 113, . | 3.3 | 51 |
| 60 | Is the critical Shields stress for incipient sediment motion dependent on channelâ€bed slope?. Journal of Geophysical Research, 2008, 113, . | 3.3 | 364 |
| 61 | Spectral signatures of characteristic spatial scales and nonfractal structure in landscapes. Journal of Geophysical Research, 2008, 113, . | 3.3 | 153 |
| 62 | A model for fluvial bedrock incision by impacting suspended and bed load sediment. Journal of Geophysical Research, 2008, 113, . | 3.3 | 186 |
| 63 | Controls on the spacing of firstâ€order valleys. Journal of Geophysical Research, 2008, 113, . | 3.3 | 182 |
| 64 | Physicsâ€based continuous simulation of longâ€term nearâ€surface hydrologic response for the Coos Bay experimental catchment. Water Resources Research, 2008, 44, . | 4.2 | 85 |
| 65 | Quantitative linkages among sediment supply, streambed fine sediment, and benthic macroinvertebrates in northern California streams. Journal of the North American Benthological Society, 2008, 27, 135-149. | 3.1 | 31 |
| 66 | Simulating Sediment Transport in a Flume with Forced Pool-Riffle Morphology: Examinations of Two One-Dimensional Numerical Models. Journal of Hydraulic Engineering, 2008, 134, 892-904. | 1.5 | 19 |
| 67 | SEASONAL REASSEMBLY OF A RIVER FOOD WEB: FLOODS, DROUGHTS, AND IMPACTS OF FISH. Ecological Monographs, 2008, 78, 263-282. | 5.4 | 242 |
| 68 | Integration of geochemical mass balance with sediment transport to calculate rates of soil chemical weathering and transport on hillslopes. Journal of Geophysical Research, 2007, 112, . | 3.3 | 112 |
| 69 | Physical basis for quasiâ€universal relations describing bankfull hydraulic geometry of singleâ€thread gravel bed rivers. Journal of Geophysical Research, 2007, 112, . | 3.3 | 342 |
| 70 | Channel network extraction from high resolution topography using wavelets. Geophysical Research Letters, 2007, 34, . | 4.0 | 166 |
| 71 | Upscaling river biomass using dimensional analysis and hydrogeomorphic scaling. Geophysical Research Letters, 2007, 34, . | 4.0 | 7 |
| 72 | Can springs cut canyons into rock?. Journal of Geophysical Research, 2006, 111, . | 3.3 | 153 |

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| 73 | Toward a unified science of the Earth's surface: Opportunities for synthesis among hydrology, geochemistry, and ecology. Water Resources Research, 2006, 42, . | 4.2 | 83 |
| 74 | Do gravel bed river size distributions record channel network structure?. Water Resources Research, 2006, 42, . | 4.2 | 67 |
| 75 | Quantification of chemical weathering rates across an actively eroding hillslope. Earth and Planetary Science Letters, 2006, 242, 155-169. | 4.4 | 90 |
| 76 | Spatial patterns of soil organic carbon on hillslopes: Integrating geomorphic processes and the biological C cycle. Geoderma, 2006, 130, 47-65. | 5.1 | 199 |
| 77 | The role of sediment in controlling steady-state bedrock channel slope: Implications of the saltation–abrasion incision model. Geomorphology, 2006, 82, 58-83. | 2.6 | 173 |
| 78 | The search for a topographic signature of life. Nature, 2006, 439, 411-418. | 27.8 | 352 |
| 79 | Dam Removal Express Assessment Models (DREAM). Journal of Hydraulic Research/De Recherches Hydrauliques, 2006, 44, 308-323. | 1.7 | 45 |
| 80 | Dam Removal Express Assessment Models (DREAM) Journal of Hydraulic Research/De Recherches Hydrauliques, 2006, 44, 291-307. | 1.7 | 112 |
| 81 | Tie channel sedimentation rates, oxbow formation age and channel migration rate from optically stimulated luminescence (OSL) analysis of floodplain deposits. Earth Surface Processes and Landforms, 2005, 30, 1161-1179. | 2.5 | 96 |
| 82 | Field measurements of incision rates following bedrock exposure: Implications for process controls on the long profiles of valleys cut by rivers and debris flows. Bulletin of the Geological Society of America, 2005, 117, 174. | 3.3 | 130 |
| 83 | Characterizing structural and lithologic controls on deep-seated landsliding: Implications for topographic relief and landscape evolution in the Oregon Coast Range, USA. Bulletin of the Geological Society of America, 2005, 117, 654. | 3.3 | 120 |
| 84 | Process-based model linking pocket gopher (Thomomys bottae) activity to sediment transport and soil thickness. Geology, 2005, 33, 917. | 4.4 | 112 |
| 85 | The illusion of diffusion: Field evidence for depth-dependent sediment transport. Geology, 2005, 33, 949. | 4.4 | 154 |
| 86 | Erosion of upland hillslope soil organic carbon: Coupling field measurements with a sediment transport model. Global Biogeochemical Cycles, 2005, 19, . | 4.9 | 103 |
| 87 | Contrasting effects of soil development on hydrological properties and flow paths. Water Resources Research, 2005, 41, . | 4.2 | 103 |
| 88 | A mechanistic model for river incision into bedrock by saltating bed load. Water Resources Research, 2004, 40, . | 4.2 | 560 |
| 89 | Reply to comment by Richard M. Iverson on "Piezometric response in shallow bedrock at CB1: Implications for runoff generation and landsliding― Water Resources Research, 2004, 40, . | 4.2 | 7 |
| 90 | Shallow landsliding, root reinforcement, and the spatial distribution of trees in the Oregon Coast Range. Canadian Geotechnical Journal, 2003, 40, 237-253. | 2.8 | 231 |

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|-----|--|-----|-----------|
| 91 | Ice-driven creep on Martian debris slopes. Geophysical Research Letters, 2003, 30, . | 4.0 | 28 |
| 92 | Weathering profiles, mass-balance analysis, and rates of solute loss: Linkages between weathering and erosion in a small, steep catchment. Bulletin of the Geological Society of America, 2002, 114, 1143-1158. | 3.3 | 367 |
| 93 | Runoff generation in a steep, soil-mantled landscape. Water Resources Research, 2002, 38, 7-1-7-8. | 4.2 | 101 |
| 94 | Piezometric response in shallow bedrock at CB1: Implications for runoff generation and landsliding. Water Resources Research, 2002, 38, 10-1-10-18. | 4.2 | 112 |
| 95 | Hillslope evolution by nonlinear, slope-dependent transport: Steady state morphology and equilibrium adjustment timescales. Journal of Geophysical Research, 2001, 106, 16499-16513. | 3.3 | 185 |
| 96 | Late Quaternary erosion in southeastern Australia: a field example using cosmogenic nuclides. Quaternary International, 2001, 83-85, 169-185. | 1.5 | 164 |
| 97 | Sediment and rock strength controls on river incision into bedrock. Geology, 2001, 29, 1087. | 4.4 | 633 |
| 98 | Validation of the Shallow Landslide Model, SHALSTAB, for forest management. Water Science and Application, 2001, , 195-227. | 0.3 | 91 |
| 99 | Stochastic processes of soil production and transport: erosion rates, topographic variation and cosmogenic nuclides in the Oregon Coast Range. Earth Surface Processes and Landforms, 2001, 26, 531-552. | 2.5 | 247 |
| 100 | Hillslope evolution by nonlinear creep and landsliding: An experimental study. Geology, 2001, 29, 143. | 4.4 | 164 |
| 101 | Soil production on a retreating escarpment in southeastern Australia. Geology, 2000, 28, 787. | 4.4 | 223 |
| 102 | Forest clearing and regional landsliding. Geology, 2000, 28, 311. | 4.4 | 267 |
| 103 | Cosmogenic nuclides, topography, and the spatial variation of soil depth. Geomorphology, 1999, 27, 151-172. | 2.6 | 290 |
| 104 | Tidal networks: 1. Automatic network extraction and preliminary scaling features from digital terrain maps. Water Resources Research, 1999, 35, 3891-3904. | 4.2 | 149 |
| 105 | Tidal networks: 2. Watershed delineation and comparative network morphology. Water Resources Research, 1999, 35, 3905-3917. | 4.2 | 171 |
| 106 | Evidence for nonlinear, diffusive sediment transport on hillslopes and implications for landscape morphology. Water Resources Research, 1999, 35, 853-870. | 4.2 | 553 |
| 107 | Unsaturated zone processes and the hydrologic response of a steep, unchanneled catchment. Water Resources Research, 1998, 34, 1865-1879. | 4.2 | 235 |
| 108 | River longitudinal profiles and bedrock incision models: Stream power and the influence of sediment supply. Geophysical Monograph Series, 1998, , 237-260. | 0.1 | 336 |

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|-----|--|------|-----------|
| 109 | Hillslopes, Channels, and Landscape Scale. , 1998, , 30-60. | | 17 |
| 110 | The soil production function and landscape equilibrium. Nature, 1997, 388, 358-361. | 27.8 | 767 |
| 111 | Hillslope evolution by diffusive processes: The timescale for equilibrium adjustments. Water Resources Research, 1997, 33, 1307-1318. | 4.2 | 228 |
| 112 | Concentration-discharge relationships in runoff from a steep, unchanneled catchment. Water Resources Research, 1997, 33, 211-225. | 4.2 | 131 |
| 113 | Hydrologic response of a steep, unchanneled valley to natural and applied rainfall. Water Resources Research, 1997, 33, 91-109. | 4.2 | 309 |
| 114 | Cosmetic Isotope Analyses Applied to River Longitudinal Profile Evolution: Problems and Interpretations. Earth Surface Processes and Landforms, 1997, 22, 195-209. | 2.5 | 53 |
| 115 | Dams and downstream aquatic biodiversity: Potential food web consequences of hydrologic and geomorphic change. Environmental Management, 1996, 20, 887-895. | 2.7 | 273 |
| 116 | A process-based model for colluvial soil depth and shallow landsliding using digital elevation data. Hydrological Processes, 1995, 9, 383-400. | 2.6 | 529 |
| 117 | Geomorphological signatures of varying climate. Nature, 1995, 374, 632-635. | 27.8 | 188 |
| 118 | Flow resistance and sediment transport by concentrated overland flow in a grassland valley. Geomorphology, 1995, 13, 71-86. | 2.6 | 167 |
| 119 | Downstream Ecological Effects of Dams. BioScience, 1995, 45, 183-192. | 4.9 | 650 |
| 120 | Hydrologic Processes in a Low-Gradient Source Area. Water Resources Research, 1995, 31, 1-10. | 4.2 | 66 |
| 121 | Field Experiments on Erosion by Overland Flow and Their Implication for a Digital Terrain Model of Channel Initiation. Water Resources Research, 1995, 31, 2867-2876. | 4.2 | 77 |
| 122 | Hydraulic Food-Chain Models. BioScience, 1995, 45, 159-167. | 4.9 | 281 |
| 123 | Flow resistance and sediment transport by concentrated overland flow in a grassland valley. , 1995, , 71-86. | | 11 |
| 124 | A physically based model for the topographic control on shallow landsliding. Water Resources Research, 1994, 30, 1153-1171. | 4.2 | 1,206 |
| 125 | Modeling fluvial erosion on regional to continental scales. Journal of Geophysical Research, 1994, 99, 13971-13986. | 3.3 | 641 |
| 126 | Quantification of soil production and downslope creep rates from cosmogenic 10Be accumulations on a hillslope profile. Geology, 1993, 21, 343. | 4.4 | 184 |

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|-----|--|------|-----------|
| 127 | Analysis of Erosion Thresholds, Channel Networks, and Landscape Morphology Using a Digital Terrain Model. Journal of Geology, 1993, 101, 259-278. | 1.4 | 348 |
| 128 | Erosion thresholds and land surface morphology. Geology, 1992, 20, 675. | 4.4 | 237 |
| 129 | Erosion rates in the southern oregon coast range: Evidence for an equilibrium between hillslope erosion and sediment yield. Earth Surface Processes and Landforms, 1991, 16, 307-322. | 2.5 | 141 |
| 130 | The variability of critical shear stress, friction angle, and grain protrusion in water-worked sediments. Sedimentology, 1990, 37, 647-672. | 3.1 | 331 |
| 131 | Hydrologic and erosional processes in hollows, Lone Tree Creek, Marin County, California. , 1989, , 74-89. | | 0 |
| 132 | Trip log: Day 1 (July 1, 1989): Marin Headlands. , 1989, , 38-41. | | 0 |
| 133 | Sediment supply and the development of the coarse surface layer in gravel-bedded rivers. Nature, 1989, 340, 215-217. | 27.8 | 587 |
| 134 | Source areas, drainage density, and channel initiation. Water Resources Research, 1989, 25, 1907-1918. | 4.2 | 466 |
| 135 | Boundary shear stress and sediment transport in river meanders of sand and gravel. Water Resources Monograph, 1989, , 1-50. | 1.0 | 151 |
| 136 | Analysis of Hillslope Erosion Rates Using Dated Colluvial Deposits. Journal of Geology, 1989, 97, 45-63. | 1.4 | 69 |
| 137 | Metal enrichment in bauxites by deposition of chemically mature aeolian dust. Nature, 1988, 333, 819-824. | 27.8 | 182 |
| 138 | Where do channels begin?. Nature, 1988, 336, 232-234. | 27.8 | 535 |
| 139 | Bedload sheets in heterogeneous sediment. Geology, 1988, 16, 105. | 4.4 | 203 |
| 140 | Bedload transport of fine gravel observed by motion-picture photography. Journal of Fluid Mechanics, 1988, 192, 193-217. | 3.4 | 374 |
| 141 | The importance of hollows in debris flow studies; Examples from Marin County, California. Reviews in Engineering Geology, 1987, , 165-180. | 0.1 | 67 |
| 142 | Constitutive mass balance relations between chemical composition, volume, density, porosity, and strain in metasomatic hydrochemical systems: Results on weathering and pedogenesis. Geochimica Et Cosmochimica Acta, 1987, 51, 567-587. | 3.9 | 729 |
| 143 | Geomorphic and paleoclimatic implications of latest Pleistocene radiocarbon dates from colluvium-mantled hollows, California. Geology, 1986, 14, 655. | 4.4 | 57 |
| 144 | Bed Load Transport in a River Meander. Water Resources Research, 1984, 20, 1355-1380. | 4.2 | 243 |

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|-----|--|-----|-----------|
| 145 | Settling velocity of natural particles. Water Resources Research, 1982, 18, 1615-1626. | 4.2 | 787 |
| 146 | When Models Meet Managers: Examples from Geomorphology. Geophysical Monograph Series, 0, , 27-40. | 0.1 | 12 |
| 147 | Geomorphic Transport Laws for Predicting Landscape form and Dynamics. Geophysical Monograph Series, 0, , 103-132. | 0.1 | 234 |