

# Vito Ferro

## List of Publications by Citations

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259  
papers

5,574  
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39  
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64  
g-index

265  
ext. papers

6,627  
ext. citations

3.1  
avg, IF

6.32  
L-index

#	Paper	IF	Citations
259	An assessment of the global impact of 21st century land use change on soil erosion. <i>Nature Communications</i> , <b>2017</b> , 8, 2013	17.4	751
258	Sediment delivery processes at basin scale. <i>Hydrological Sciences Journal</i> , <b>1995</b> , 40, 703-717	3.5	177
257	Flow Velocity Measurements in Vegetated Channels. <i>Journal of Hydraulic Engineering</i> , <b>2002</b> , 128, 664-673	3.8	165
256	Comparison between grain-size analyses using laser diffraction and sedimentation methods. <i>Biosystems Engineering</i> , <b>2010</b> , 106, 205-215	4.8	113
255	Sediment Delivery Distributed (SEDD) Model. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2000</b> , 5, 411-422	1.8	111
254	Scour on Alluvial Bed Downstream of Grade-Control Structures. <i>Journal of Hydraulic Engineering</i> , <b>2004</b> , 130, 24-37	1.8	102
253	Field investigation on rilling in the experimental Sparacia area, South Italy. <i>Earth Surface Processes and Landforms</i> , <b>2008</b> , 33, 263-279	3.7	90
252	Validating the use of caesium-137 measurements to estimate soil erosion rates in a small drainage basin in Calabria, Southern Italy. <i>Journal of Hydrology</i> , <b>2001</b> , 248, 93-108	6	89
251	Plot-scale measurement of soil erosion at the experimental area of Sparacia (southern Italy). <i>Hydrological Processes</i> , <b>2004</b> , 18, 141-157	3.3	85
250	Isoerosivity and erosion risk map for Sicily. <i>Hydrological Sciences Journal</i> , <b>1991</b> , 36, 549-564	3.5	84
249	Field investigation of rill and ephemeral gully erosion in the Sparacia experimental area, South Italy. <i>Catena</i> , <b>2013</b> , 101, 226-234	5.8	83
248	Flow Resistance Law in Channels with Flexible Submerged Vegetation. <i>Journal of Hydraulic Engineering</i> , <b>2005</b> , 131, 554-564	1.8	83
247	Simultaneous Flow over and under a Gate. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2000</b> , 126, 190-193	1.1	76
246	Flow Velocity Profiles in Gravel-Bed Rivers. <i>Journal of Hydraulic Engineering</i> , <b>1994</b> , 120, 60-80	1.8	75
245	Further remarks on a distributed approach to sediment delivery. <i>Hydrological Sciences Journal</i> , <b>1997</b> , 42, 633-647	3.5	72
244	Applying Hypothesis of Self-Similarity for Flow-Resistance Law of Small-Diameter Plastic Pipes. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>1997</b> , 123, 175-179	1.1	71
243	A comparative study of rainfall erosivity estimation for southern Italy and southeastern Australia. <i>Hydrological Sciences Journal</i> , <b>1999</b> , 44, 3-24	3.5	68

242	Analysis of soil loss data from plots of differing length for the Sparacia experimental area, Sicily, Italy. <i>Biosystems Engineering</i> , <b>2010</b> , 105, 411-422	4.8	61
241	Incomplete self-similarity and flow velocity in gravel bed channels. <i>Water Resources Research</i> , <b>2000</b> , 36, 2761-2769	5.4	59
240	Evaluating Pressure Losses in Drip-Irrigation Lines. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>1997</b> , 123, 1-7	1.1	55
239	Predicting unit plot soil loss in Sicily, south Italy. <i>Hydrological Processes</i> , <b>2008</b> , 22, 586-595	3.3	55
238	Evaluating overland flow sediment transport capacity. <i>Hydrological Processes</i> , <b>1998</b> , 12, 1895-1910	3.3	54
237	Similarity between morphological characteristics of rills and ephemeral gullies in Sicily, Italy. <i>Hydrological Processes</i> , <b>2009</b> , 23, 3334-3341	3.3	53
236	ADV measurements of velocity distributions in a gravel-bed flume. <i>Earth Surface Processes and Landforms</i> , <b>2003</b> , 28, 707-722	3.7	51
235	Validating erosion rate estimates provided by caesium-137 measurements for two small forested catchments in Calabria, southern Italy. <i>Land Degradation and Development</i> , <b>2003</b> , 14, 389-408	4.4	50
234	Friction Factor for Gravel-Bed Channel with High Boulder Concentration. <i>Journal of Hydraulic Engineering</i> , <b>1999</b> , 125, 771-778	1.8	50
233	Hydraulic Jumps on Rough Beds. <i>Journal of Hydraulic Engineering</i> , <b>2007</b> , 133, 989-999	1.8	49
232	Flow resistance equation for rills. <i>Hydrological Processes</i> , <b>2017</b> , 31, 2793-2801	3.3	47
231	SWSoil and Water. <i>Biosystems Engineering</i> , <b>2002</b> , 81, 465-479	4.8	47
230	Analyzing Turbulence Intensity in Gravel Bed Channels. <i>Journal of Hydraulic Engineering</i> , <b>2005</b> , 131, 1050-1061	1.8	46
229	Measuring rill erosion using structure from motion: A plot experiment. <i>Catena</i> , <b>2017</b> , 156, 383-392	5.8	45
228	Calibrating storage tanks for soil erosion measurement from plots. <i>Earth Surface Processes and Landforms</i> , <b>1998</b> , 23, 1151-1170	3.7	45
227	Regional rainfall and flood frequency analysis for Sicily using the two component extreme value distribution. <i>Hydrological Sciences Journal</i> , <b>1995</b> , 40, 19-42	3.5	45
226	Testing slope effect on flow resistance equation for mobile bed rills. <i>Hydrological Processes</i> , <b>2018</b> , 32, 664-671	3.3	44
225	Testing alternative erosivity indices to predict event soil loss from bare plots in Southern Italy. <i>Hydrological Processes</i> , <b>2010</b> , 24, 789-797	3.3	44

224	Estimating the USLE Soil Erodibility Factor in Sicily, South Italy. <i>Applied Engineering in Agriculture</i> , <b>2012</b> , 28, 199-206	0.8	43
223	Experimental Study on Flow-Resistance Law for Small-Diameter Plastic Pipes. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>1995</b> , 121, 313-316	1.1	43
222	Testing a distributed approach for modelling sediment delivery. <i>Hydrological Sciences Journal</i> , <b>1998</b> , 43, 425-442	3.5	41
221	Identifying a dominant discharge for natural rivers in southern Italy. <i>Geomorphology</i> , <b>2012</b> , 139-140, 313-321	4.3	40
220	Spatial variability of the relationships of runoff and sediment yield with weather types throughout the Mediterranean basin. <i>Journal of Hydrology</i> , <b>2019</b> , 571, 390-405	6	39
219	Theoretical End-Depth-Discharge Relationship for Free Overfall. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>1999</b> , 125, 40-44	1.1	39
218	Flow resistance in gravel-bed channels with large-scale roughness. <i>Earth Surface Processes and Landforms</i> , <b>2003</b> , 28, 1325-1339	3.7	38
217	Slope curvature influence on soil erosion and deposition processes. <i>Water Resources Research</i> , <b>2000</b> , 36, 607-617	5.4	38
216	Predicting soil loss on moderate slopes using an empirical model for sediment concentration. <i>Journal of Hydrology</i> , <b>2011</b> , 400, 267-273	6	36
215	Measurements of rill and gully erosion in Sicily. <i>Hydrological Processes</i> , <b>2011</b> , 25, 2221-2227	3.3	36
214	Rainfall erosivity over the Calabrian region. <i>Hydrological Sciences Journal</i> , <b>1997</b> , 42, 35-48	3.5	35
213	Assessing flow resistance in gravel bed channels by dimensional analysis and self-similarity. <i>Catena</i> , <b>2018</b> , 169, 119-127	5.8	33
212	Deducing the USLE mathematical structure by dimensional analysis and self-similarity theory. <i>Biosystems Engineering</i> , <b>2010</b> , 106, 216-220	4.8	33
211	Physical and hydraulic characterization of a clay soil at the plot scale. <i>Journal of Hydrology</i> , <b>2010</b> , 387, 54-64	6	32
210	The influence of roughness geometry and Shields parameter on flow resistance in gravel-bed channels. <i>Earth Surface Processes and Landforms</i> , <b>1997</b> , 22, 759-772	3.7	32
209	MANUAL SAMPLING AND TANK SIZE EFFECTS ON THE CALIBRATION CURVE OF PLOT SEDIMENT STORAGE TANKS. <i>Transactions of the American Society of Agricultural Engineers</i> , <b>2004</b> , 47, 1105-1112		31
208	Applying Hypothesis of Self-Similarity for Flow-Resistance Law in Calabrian Gravel-Bed Rivers. <i>Journal of Hydraulic Engineering</i> , <b>2018</b> , 144, 04017061	1.8	31
207	New Stage-Discharge Relationships for Radial Gates. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 378-387	1.1	30

206	New Theoretical Solution of the Stage-Discharge Relationship for Sharp-Crested and Broad Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2012</b> , 138, 257-265	1.1	30
205	Flow Measurement with Rectangular Free Overfall. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>1992</b> , 118, 956-964	1.1	30
204	Estimation of Evapotranspiration by Hargreaves Formula and Remotely Sensed Data in Semi-arid Mediterranean Areas. <i>Biosystems Engineering</i> , <b>1997</b> , 68, 189-199		29
203	Predicting event soil loss from bare plots at two Italian sites. <i>Catena</i> , <b>2013</b> , 109, 96-102	5.8	28
202	A new version of the USLE-MM for predicting bare plot soil loss at the Sparacia (South Italy) experimental site. <i>Hydrological Processes</i> , <b>2015</b> , 29, 4210-4219	3.3	28
201	Experimental Investigation of the Outflow Process over a Triangular Labyrinth-Weir. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2012</b> , 138, 73-79	1.1	28
200	New Solution of Classical Hydraulic Jump. <i>Journal of Hydraulic Engineering</i> , <b>2009</b> , 135, 527-531	1.8	28
199	Linking Sediment Yield and Caesium-137 Spatial Distribution at Basin Scale. <i>Biosystems Engineering</i> , <b>1999</b> , 74, 41-62		28
198	Raindrop size distribution and terminal velocity for rainfall erosivity studies. A review. <i>Journal of Hydrology</i> , <b>2019</b> , 576, 210-228	6	27
197	Dimensional analysis and stage-discharge relationship for weirs: a review. <i>Journal of Agricultural Engineering</i> , <b>2017</b> , 48, 1-11	1.3	27
196	Simple Flume for Flow Measurement in Sloping Open Channel. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2007</b> , 133, 71-78	1.1	27
195	Simultaneous Flow over and under a Gate. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2001</b> , 127, 325-328	1.1	27
194	Experimental Study of Flow Resistance in Gravel-Bed Rivers. <i>Journal of Hydraulic Engineering</i> , <b>1991</b> , 117, 1239-1246	1.8	27
193	Testing the use of an image-based technique to measure gully erosion at Sparacia experimental area. <i>Hydrological Processes</i> , <b>2017</b> , 31, 573-585	3.3	25
192	Testing GIS-morphometric analysis of some Sicilian badlands. <i>Catena</i> , <b>2014</b> , 113, 370-376	5.8	25
191	Sediment delivery processes and the spatial distribution of caesium-137 in a small Sicilian basin. <i>Hydrological Processes</i> , <b>1998</b> , 12, 701-711	3.3	24
190	A simplified approach to estimate water retention for Sicilian soils by the Arya-Paris model. <i>Geoderma</i> , <b>2014</b> , 213, 226-234	6.7	23
189	Effect of plot size on measured soil loss for two Italian experimental sites. <i>Biosystems Engineering</i> , <b>2011</b> , 108, 18-27	4.8	23

188	Experiments for testing soil texture effects on flow resistance in mobile bed rills. <i>Catena</i> , <b>2018</b> , 171, 176-184	5.8	22
187	Testing simple scaling in soil erosion processes at plot scale. <i>Catena</i> , <b>2018</b> , 167, 171-180	5.8	22
186	Using plot soil loss distribution for soil conservation design. <i>Catena</i> , <b>2011</b> , 86, 172-177	5.8	22
185	Anti-erosive effectiveness of Eucalyptus coppices through the cover management factor estimate. <i>Hydrological Processes</i> , <b>1998</b> , 12, 635-649	3.3	22
184	Length Slope Factors for applying the Revised Universal Soil Loss Equation at Basin Scale in Southern Italy. <i>Biosystems Engineering</i> , <b>2000</b> , 75, 349-364		22
183	New Stage-Discharge Relationship for Weirs of Finite Crest Length. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 06013006	1.1	21
182	A new expression of the slope length factor to apply USLE-MM at Sparacia experimental area (Southern Italy). <i>Catena</i> , <b>2013</b> , 102, 21-26	5.8	21
181	New stage-discharge relationships for free and submerged sluice gates. <i>Flow Measurement and Instrumentation</i> , <b>2012</b> , 28, 50-56	2.2	20
180	COMPARING PARTICLE SIZE DISTRIBUTION ANALYSIS BY SEDIMENTATION AND LASER DIFFRACTION METHOD. <i>Journal of Agricultural Engineering</i> , <b>2009</b> , 40, 35	1.3	20
179	Discussion of Simple Flume for Flow Measurement in Open Channel by Zohrab Samani and Henry Magallanez. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2002</b> , 128, 129-131	1.1	19
178	Estimating rainfall erosivity by aggregated drop size distributions. <i>Hydrological Processes</i> , <b>2016</b> , 30, 2119-2128	5.3	18
177	Measuring rill erosion at plot scale by a drone-based technology. <i>Hydrological Processes</i> , <b>2015</b> , 29, 3802-3811	3.8	18
176	Short-Duration Rainfalls in Sicily. <i>Journal of Hydraulic Engineering</i> , <b>1990</b> , 116, 430-435	1.8	18
175	Establishing soil loss tolerance: an overview. <i>Journal of Agricultural Engineering</i> , <b>2016</b> , 47, 127-133	1.3	18
174	New Flow-Resistance Law for Steep Mountain Streams Based on Velocity Profile. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 04017024	1.1	17
173	Assessing dye-tracer technique for rill flow velocity measurements. <i>Catena</i> , <b>2018</b> , 171, 523-532	5.8	17
172	Closure to New Theoretical Solution of the Stage-Discharge Relationship for Sharp-Crested and Broad Weirs by V. Ferro. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 518-520	1.1	17
171	A new empirical model for estimating calanchi Erosion in Sicily, Italy. <i>Geomorphology</i> , <b>2015</b> , 231, 292-300	4.3	16

170	Comparing flow resistance law for fixed and mobile bed rills. <i>Hydrological Processes</i> , <b>2019</b> , 33, 3330-3348,	3.3	16
169	Statistical distribution of soil loss and sediment yield at Sparacia experimental area, Sicily. <i>Catena</i> , <b>2010</b> , 82, 45-52	5.8	16
168	Applying the USLE Family of Models at the Sparacia (South Italy) Experimental Site. <i>Land Degradation and Development</i> , <b>2017</b> , 28, 994-1004	4.4	15
167	Reliability of rainfall kinetic power-intensity relationships. <i>Hydrological Processes</i> , <b>2017</b> , 31, 1293-1300	3.3	15
166	Modeling Rainfall Erosivity by Measured Drop-Size Distributions. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20,	1.8	15
165	Modeling Rill Erosion at the Sparacia Experimental Area. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20,	1.8	15
164	New Expression of the Hydraulic Jump Roller Length. <i>Journal of Hydraulic Engineering</i> , <b>2012</b> , 138, 995-998	3.8	14
163	Quantifying interrill and ephemeral gully erosion in a small Sicilian basin interrill and ephemeral gully erosion in a small Sicilian basin. <i>Zeitschrift für Geomorphologie</i> , <b>2012</b> , 56, 9-25	1.9	14
162	Modelling the effects of a bushfire on erosion in a Mediterranean basin / Modélisation des impacts d'un incendie sur l'érosion dans un bassin Méditerranéen. <i>Hydrological Sciences Journal</i> , <b>2007</b> , 52, 1253-1270	3.5	14
161	New Theoretical Solution of the Outflow Process for a Weir with Complex Shape. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2016</b> , 142, 04016036	1.1	14
160	Predicting maximum annual values of event soil loss by USLE-type models. <i>Catena</i> , <b>2017</b> , 155, 10-19	5.8	13
159	Testing the Outflow Process over a Triangular Labyrinth Weir. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 06017007	1.1	13
158	Assessing, measuring and modelling erosion in calanchi areas: a review. <i>Journal of Agricultural Engineering</i> , <b>2016</b> , 47, 181	1.3	13
157	Flow Resistance in Step-Pool Rills. <i>Vadose Zone Journal</i> , <b>2017</b> , 16, vzt2017.05.0104	2.7	13
156	Establishing a Soil Loss Threshold for Limiting Rilling. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2015</b> , 20,	1.8	13
155	Modelling sediment delivery processes by a stream tube approach. <i>Hydrological Sciences Journal</i> , <b>1999</b> , 44, 725-742	3.5	13
154	Testing a theoretical resistance law for overland flow under simulated rainfall with different types of vegetation. <i>Catena</i> , <b>2020</b> , 189, 104482	5.8	13
153	Rill flow resistance law under equilibrium bed-load transport conditions. <i>Hydrological Processes</i> , <b>2019</b> , 33, 1317-1323	3.3	12

152	Morphometric and hydraulic geometry assessment of a gully in SW Spain. <i>Geomorphology</i> , <b>2016</b> , 274, 143-151	4.3	12
151	New Stage-Discharge Equation for the SMBF Flume. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2016</b> , 142, 04016005	1.1	12
150	Assessing hydrological connectivity inside a soil by fast-field-cycling nuclear magnetic resonance relaxometry and its link to sediment delivery processes. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	12
149	Evaluation of the SEDD model for predicting sediment yield at the Sicilian experimental SPA2 basin. <i>Earth Surface Processes and Landforms</i> , <b>2007</b> , 32, 1094-1109	3.7	12
148	Regional Analysis of Rainfall-Depth-Duration Equation for South Italy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>1999</b> , 4, 326-336	1.8	12
147	Flow resistance law under equilibrium bed-load transport conditions. <i>Flow Measurement and Instrumentation</i> , <b>2018</b> , 64, 1-8	2.2	12
146	Measuring hydrological connectivity inside a soil by low field nuclear magnetic resonance relaxometry. <i>Hydrological Processes</i> , <b>2018</b> , 32, 93-101	3.3	11
145	Comparing theoretically supported rainfall-runoff erosivity factors at the Sparacia (South Italy) experimental site. <i>Hydrological Processes</i> , <b>2018</b> , 32, 507-515	3.3	11
144	Predicting rainfall erosivity by momentum and kinetic energy in Mediterranean environment. <i>Journal of Hydrology</i> , <b>2018</b> , 560, 173-183	6	11
143	Statistical check of USLE-M and USLE-MM to predict bare plot soil loss in two Italian environments. <i>Land Degradation and Development</i> , <b>2018</b> , 29, 2614-2628	4.4	11
142	Testing a new rill flow resistance approach using the Water Erosion Prediction Project experimental database. <i>Hydrological Processes</i> , <b>2019</b> , 33, 616-626	3.3	11
141	Comment on Bill erosion processes on steep colluvial deposit slope under heavy rainfall in flume experiments with artificial rain by F. Jiang et al. <i>Catena</i> , <b>2020</b> , 185, 103793	5.8	11
140	Assessing flow resistance law in vegetated channels by dimensional analysis and self-similarity. <i>Flow Measurement and Instrumentation</i> , <b>2019</b> , 69, 101610	2.2	10
139	ANALYSING LONGITUDINAL TURBULENCE INTENSITY IN VEGETATED CHANNELS. <i>Journal of Agricultural Engineering</i> , <b>2007</b> , 38, 25	1.3	10
138	Flood Frequency Analysis for Sicily, Italy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2006</b> , 11, 110-122	1.8	10
137	Flow resistance of overland flow on a smooth bed under simulated rainfall. <i>Catena</i> , <b>2020</b> , 187, 104351	5.8	10
136	Relationship of Weather Types on the Seasonal and Spatial Variability of Rainfall, Runoff, and Sediment Yield in the Western Mediterranean Basin. <i>Atmosphere</i> , <b>2020</b> , 11, 609	2.7	9
135	Experimental Study of the Stage-Discharge Relationship for an Upstream Inclined Grid with Longitudinal Bars. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 691-695	1.1	9

134	Predicting the equilibrium bed slope in natural streams using a stochastic model for incipient sediment motion. <i>Earth Surface Processes and Landforms</i> , <b>2011</b> , 36, 1007-1022	3.7	9
133	Testing the long term applicability of USLE-M equation at a olive orchard microcatchment in Spain. <i>Catena</i> , <b>2016</b> , 147, 71-79	5.8	9
132	Testing a new sampler for measuring plot soil loss. <i>Earth Surface Processes and Landforms</i> , <b>2016</b> , 41, 867-874	3.7	9
131	Simple flume with a central baffle. <i>Flow Measurement and Instrumentation</i> , <b>2016</b> , 52, 53-56	2.2	9
130	Testing a theoretical resistance law for overland flow on a stony hillslope. <i>Hydrological Processes</i> , <b>2020</b> , 34, 2048-2056	3.3	8
129	Predicting soil loss in central and south Italy with a single USLE-MM model. <i>Journal of Soils and Sediments</i> , <b>2018</b> , 18, 3365-3377	3.4	8
128	Scale Effects on Plot Runoff and Soil Erosion in a Mediterranean Environment. <i>Vadose Zone Journal</i> , <b>2017</b> , 16, vzj2017.03.0059	2.7	8
127	Sequent Depth Ratio of a B-Jump. <i>Journal of Hydraulic Engineering</i> , <b>2011</b> , 137, 651-658	1.8	8
126	Field Testing of a Simple Flume (SMBF) for Flow Measurement in Open Channels. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2008</b> , 134, 235-240	1.1	8
125	Standardizing the use of fast-field cycling NMR relaxometry for measuring hydrological connectivity inside the soil. <i>Magnetic Resonance in Chemistry</i> , <b>2020</b> , 58, 41-50	2.1	8
124	Testing the outflow theory of Malcherek by slit weir data. <i>Flow Measurement and Instrumentation</i> , <b>2018</b> , 59, 114-117	2.2	8
123	Testing the USLE-M Family of Models at the Sparacia Experimental Site in South Italy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2017</b> , 22, 05017012	1.8	7
122	Are calanco landforms similar to river basins?. <i>Science of the Total Environment</i> , <b>2017</b> , 603-604, 244-255	10.2	7
121	Discussion of Discharge Characteristics of Weirs of Finite Crest Length with Upstream and Downstream Ramps by Amir Hossein Azimi, Nallamuthu Rajaratnam, and David Z. Zhu. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2014</b> , 140, 07013002	1.1	7
120	Applying the bootstrap technique for studying soil redistribution by caesium-137 measurements at basin scale. <i>Hydrological Sciences Journal</i> , <b>2000</b> , 45, 171-183	3.5	7
119	SWSoil and Water. <i>Biosystems Engineering</i> , <b>2000</b> , 77, 103-112		7
118	Friction Factor for Gravel-Bed Channel with High Boulder Concentration. <i>Journal of Hydraulic Engineering</i> , <b>2000</b> , 126, 856-858	1.8	7
117	MONITORING AND PREDICTING SEDIMENT YIELD IN A SMALL SICILIAN BASIN. <i>Transactions of the American Society of Agricultural Engineers</i> , <b>2001</b> , 44,		7

116	Calculating Average Filling Rock Diameter for Gabion-Mattress Channel Design. <i>Journal of Hydraulic Engineering</i> , <b>1998</b> , 124, 975-978	1.8	7
115	Rainfall Depth-Duration Relationship for South Italy. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>1996</b> , 1, 178-180	1.8	7
114	Closure to Simultaneous Flow over and Under a Gate by Vito Ferro. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2001</b> , 127, 326	1.1	7
113	Dye-tracer technique for rill flows by velocity profile measurements. <i>Catena</i> , <b>2020</b> , 185, 104313	5.8	7
112	Assessing theoretical flow velocity profile and resistance in gravel bed rivers by field measurements. <i>Journal of Agricultural Engineering</i> , <b>2018</b> , 49, 220-227	1.3	7
111	Flow measurement using circular portable flume. <i>Flow Measurement and Instrumentation</i> , <b>2018</b> , 62, 76-83.	3.2	7
110	Experimental Study and Numerical Simulation of Inclined Rectangular Weirs. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2018</b> , 144, 04018012	1.1	6
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94	Testing the physical model concept by soil loss data measured in Sicily. <i>Catena</i> , <b>2012</b> , 95, 1-5	5.8	5
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