Pedro P. Gil-Crespo

List of Publications by Year
in descending order

55 papers	1,413 citations	236925 25 h-index	345221 36 g-index
56 all docs	56 docs citations	56 times ranked	1404 citing authors

#	Article	IF	Citations
1	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. Science of the Total Environment, 2017, 596-597, 465-480.	8.0	102
2	Stream regulation by small dams affects benthic macroinvertebrate communities: from structural changes to functional implications. Hydrobiologia, 2013, 711, 31-42.	2.0	79
3	From granite to highly evolved pegmatite: A case study of the Pinilla de Fermoselle graniteâ€“pegmatite system (Zamora, Spain). Lithos, 2012, 153, 192-207.	1.4	70
4	Petrogenetic relationships between Variscan granitoids and Li-(F-P)-rich aplite-pegmatites in the Central Iberian Zone: Geological and geochemical constraints and implications for other regions from the European Variscides. Ore Geology Reviews, 2018, 95, 408-430.	2.7	63
5	Leaf-litter decomposition in headwater streams: a comparison of the process among four climatic regions. Journal of the North American Benthological Society, 2011, 30, 935-950.	3.1	52
6	Effect of climate on the trophic structure of temperate forested streams. A comparison of Mediterranean and Atlantic streams. Science of the Total Environment, 2008, 390, 475-484.	8.0	50
7	Origin and petrogenetic implications of tourmaline-rich rocks in the Sierra Nevada (Betic Cordillera,) Tj ETQq1 1 0.784314 rgBT /Overl	3.3	49
8	Chemistry and genetic implications of tourmaline and Li-F-Cs micas from the Valdeflores area (Caceres, Spain). American Mineralogist, 1999, 84, 55-69.	1.9	44
9	Mineralogy and geochemistry of micas from the Pinilla de Fermoselle pegmatite (Zamora, Spain). European Journal of Mineralogy, 2006, 18, 369-377.	1.3	42
10	Petrographic, Chemical and B-Isotopic Insights into the Origin of Tourmaline-Rich Rocks and Boron Recycling in the Martinamor Antiform (Central Iberian Zone, Salamanca, Spain). Journal of Petrology, 2005, 46, 1013-1044.	2.8	40
11	Geology and mineralogy of Li mineralization in the Central Iberian Zone (Spain and Portugal). Mineralogical Magazine, 2016, 80, 103-126.	1.4	40
12	Extreme fractionation in a graniteâ€“pegmatite system documented by quartz chemistry: The case study of Tres Arroyos (Central Iberian Zone, Spain). Lithos, 2017, 286-287, 162-174.	1.4	39
13	Effects of pine plantations on structural and functional attributes of forested streams. Forest Ecology and Management, 2013, 310, 147-155.	3.2	38
14	The effects of eucalypt plantations on plant litter decomposition and macroinvertebrate communities in Iberian streams. Forest Ecology and Management, 2015, 335, 129-138.	3.2	38
15	Leaf litter decomposition of native and introduced tree species of contrasting quality in headwater streams: How does the regional setting matter?. Science of the Total Environment, 2013, 458-460, 197-208.	8.0	36
16	Interactions between large and small detritivores influence how biodiversity impacts litter decomposition. Journal of Animal Ecology, 2018, 87, 1465-1474.	2.8	36
17	Size-mass relationships of stream invertebrates in a northern Spain stream. Hydrobiologia, 2002, 489, 131-137.	2.0	34
18	Evaluating the Controls on Tourmaline Formation in Granitic Systems: a Case Study on Peraluminous Granites from the Central Iberian Zone (CIZ), Western Spain. Journal of Petrology, 2013, 54, 609-634.	2.8	32

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19	Self-purification processes along a medium-sized stream. Environmental Management, 1995, 19, 931-939.	2.7	30
20	Origin and internal evolution of the Li-F-Be-B-P-bearing Pinilla de Fermoselle pegmatite (Central Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	30
21	Drought and detritivores determine leaf litter decomposition in calcareous streams of the Ebro catchment (Spain). Science of the Total Environment, 2016, 573, 1450-1459.	8.0	30
22	Leaf traits drive plant diversity effects on litter decomposition and FPOM production in streams. PLoS ONE, 2018, 13, e0198243.	2.5	30
23	Impacts of Eucalyptus globulus Plantations on Physiology and Population Densities of Invertebrates Inhabiting Iberian Atlantic Streams. International Review of Hydrobiology, 2009, 94, 497-511.	0.9	29
24	Assessing river water quality by means of multifactorial methods using macroinvertebrates. A comparative study of main water courses of Biscay. Water Research, 1990, 24, 1-10.	11.3	27
25	Geological relationships and U-Pb zircon and 40 Ar/39Ar tourmaline geochronology of gneisses and tourmalinites from the Nevadoâ€“Filabride complex (western Sierra Nevada, Spain): Tectonic implications. Lithos, 2010, 119, 238-250.	1.4	26
26	Leaf-litter quality effects on stream ecosystem functioning: a comparison among five species. Fundamental and Applied Limnology, 2013, 183, 239-248.	0.7	26
27	Stream nitrogen concentration, but not plant Nâ€fixing capacity, modulates litter diversity effects on decomposition. Functional Ecology, 2017, 31, 1471-1481.	3.6	26
28	Life history, production and coexistence of two leptophlebiid mayflies in three sites along a Northern Spain stream. Archiv FÃ¼r Hydrobiologie, 2003, 158, 303-316.	1.1	24
29	Tourmaline from the rare-element Pinilla pegmatite, (Central Iberian Zone, Zamora, Spain): chemical variation and implications for pegmatitic evolution. Mineralogy and Petrology, 2004, 81, 249-263.	1.1	24
30	Tourmaline as a petrogenetic monitor of the origin and evolution of the Berry-Havey pegmatite (Maine,) Tj ETQq0 0 0 rgBT /Overlock 10	1.9	24
31	In-stream litter decomposition along an altitudinal gradient: does substrate quality matter?. Hydrobiologia, 2016, 766, 17-28.	2.0	17
32	Influence of Inorganic Substrata Size, Leaf Litter and Woody Debris Removal on Benthic Invertebrates Resistance to Floods in Two Contrasting Headwater Streams. International Review of Hydrobiology, 2005, 90, 51-70.	0.9	16
33	Leaf-litter processing in headwater streams of northern Iberian Peninsula: moderate levels of eutrophication do not explain breakdown rates. Hydrobiologia, 2013, 718, 41-57.	2.0	16
34	Occurrence, paragenesis and compositional evolution of tourmaline from the Tormes Dome area, Central Iberian Zone, Spain. Canadian Mineralogist, 2011, 49, 207-224.	1.0	14
35	Resourceâ€allocation tradeoffs in caddisflies facing multiple stressors. Ecology and Evolution, 2017, 7, 5103-5110.	1.9	13
36	Leaf-litter breakdown as an indicator of the impacts by flow regulation in headwater streams: Responses across climatic regions. Ecological Indicators, 2017, 73, 11-22.	6.3	12

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37	Resource quality controls detritivore consumption, growth, survival and body condition recovery of reproducing females. Marine and Freshwater Research, 2014, 65, 910.	1.3	11
38	Effects of exotic eucalypt plantations on organic matter processing in Iberian streams. International Review of Hydrobiology, 2014, 99, 363-372.	0.9	11
39	Mica and feldspar as indicators of the evolution of a highly evolved granite-pegmatite system in the Tres Arroyos area (Central Iberian Zone, Spain). Journal of Iberian Geology, 2018, 44, 375-403.	1.3	11
40	THE PUENTEMOCHA BERYL-PHOSPHATE GRANITIC PEGMATITE, SALAMANCA, SPAIN: INTERNAL STRUCTURE, PETROGRAPHY AND MINERALOGY. Canadian Mineralogist, 2012, 50, 1573-1587.	1.0	10
41	Insights into petrogenesis of the JÃ¡lama pluton (Central Iberian Zone, western Spain). International Geology Review, 2018, 60, 157-187.	2.1	9
42	The Tres Arroyos Granitic Aplite-Pegmatite Field (Central Iberian Zone, Spain): Petrogenetic Constraints from Evolution of Nb-Ta-Sn Oxides, Whole-Rock Geochemistry and U-Pb Geochronology. Minerals (Basel, Switzerland), 2020, 10, 1008.	2.0	9
43	Tourmalinites and Sn-Li mineralization in the Valdeflores area (Cï¿½ceres, Spain). Mineralogy and Petrology, 1996, 56, 209-223.	1.1	6
44	TOURCOMP: A program for estimating end-member proportions in tourmalines. Mineralogical Magazine, 2008, 72, 1021-1034.	1.4	6
45	Paragenetic relationships, geochemistry and petrogenetic significance of primary Fe Mn phosphates from pegmatites: The case study of CaÃ±ada (Salamanca, Spain) and Palermo (New Hampshire, USA) pegmatites. Lithos, 2020, 374-375, 105710.	1.4	6
46	Multistage boron metasomatism in the Alamo Complex (Central Iberian Zone, Spain): Evidence from field relations, petrography, and 40Ar/39Ar tourmaline dating. American Mineralogist, 2009, 94, 1468-1478.	1.9	5
47	The Rhyacophila fasciata Group in Western Europe: Confirmation of Rhyacophila denticulata McLachlan 1879 (stat. prom.) and Rhyacophila sociata NavÃ¡s 1916 (stat. res.), based on morphological and molecular genetic evidence (Trichoptera: Rhyacophilidae). Zootaxa, 2018, 4418, 526-544.	0.5	5
48	The metasomatic enrichment of Li in psammopelitic units at San JosÃ©-ValdeflÃ³rez, Central Iberian Zone, Spain: a new type of lithium deposit. Scientific Reports, 2020, 10, 10828.	3.3	5
49	Life History and Production of Epeorus torrentium Eaton (Ephemeroptera: Heptageniidae) in a North Iberian Stream. Aquatic Insects, 2004, 25, 247-258.	0.9	4
50	Exotic Cu-mineralization in Triassic red beds from Navas de San Juan (JaÃ©n, Spain). Ore Geology Reviews, 2020, 119, 103399.	2.7	4
51	Phosphate mineral associations from the Tres Arroyos aplite-pegmatites (Badajoz, Spain): Petrography, mineral chemistry, and petrogenetic implications. Canadian Mineralogist, 2020, 58, 747-765.	1.0	4
52	Evidence for internal fractionation from Li isotopes in tourmaline and mica in the Berry-Havey rare-element pegmatite (Maine, USA). Canadian Mineralogist, 2019, 57, 779-782.	1.0	3
53	The discovery of the Borobia world-class stratiform magnesite deposit (Soria, Spain): a preliminary report. Mineralium Deposita, 2002, 37, 240-243.	4.1	2
54	Geochemistry of primary Fe-Mn phosphates from CaÃ‘ada (Spain) and Palermo (USA) pegmatites and petrogenetic implications. Canadian Mineralogist, 2019, 57, 783-785.	1.0	0

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55	Zircon U–Pb geochronology and Sr-Nd-O isotopic constraints on the petrogenesis of the JÃ¡lama pluton (Central Iberian Zone, Spain). Lithos, 2021, 386-387, 106002.	1.4	0