Pascale Huyghe

List of Publications by Year
in descending order

34 papers	1,406 citations	361413 20 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	1483 citing authors

#	Article	IF	Citations
1	An embryonic fold and thrust belt south of the Himalayan morphological front: Examples from the Central Nepal and Darjeeling piedmonts. Earth-Science Reviews, 2022, 230, 104061.	9.1	4
2	Magnetoâ€chemical signature of the Lowerâ€toâ€Middle Siwaliks transition in the Karnali River section (Western Nepal): Implications for Himalayan tectonics and climate. Geological Journal, 2020, 55, 4891-4904.	1.3	0
3	Early onset and late acceleration of rapid exhumation in the Namche Barwa syntaxis, eastern Himalaya. Geology, 2020, 48, 1139-1143.	4.4	28
4	Shallow marine to fluvial transition in the Siwalik succession of the Kameng River section, Arunachal Himalaya and its implication for foreland basin evolution. Journal of Asian Earth Sciences, 2019, 184, 103980.	2.3	10
5	Postseismic deformation following the April 25, 2015 Gorkha earthquake (Nepal): Afterslip versus viscous relaxation. Journal of Asian Earth Sciences, 2019, 176, 105-119.	2.3	22
6	Late Pleistocene - Holocene development of the Tista megafan (West Bengal, India): 10Be cosmogenic and IRSL age constraints. Quaternary Science Reviews, 2018, 185, 69-90.	3.0	13
7	Weathering regime in the Eastern Himalaya since the midâ€Miocene: indications from detrital geochemistry and clay mineralogy of the Kameng River Section, Arunachal Pradesh, India. Basin Research, 2018, 30, 59-74.	2.7	9
8	The tectonics and paleo-drainage of the easternmost Himalaya (Arunachal Pradesh, India) recorded in the Siwalik rocks of the foreland basin. Numerische Mathematik, 2018, 318, 764-798.	1.4	22
9	Lateral variations in vegetation in the Himalaya since the Miocene and implications for climate evolution. Earth and Planetary Science Letters, 2017, 471, 1-9.	4.4	36
10	Weathering in the Himalaya, an East-West Comparison: Indications from Major Elements and Clay Mineralogy. Journal of Geology, 2017, 125, 515-529.	1.4	7
11	Decoupling of long-term exhumation and short-term erosion rates in the Sikkim Himalaya. Earth and Planetary Science Letters, 2016, 433, 76-88.	4.4	41
12	Stable Drainage Pattern and Variable Exhumation in the Western Himalaya since the Middle Miocene. Journal of Geology, 2015, 123, 1-20.	1.4	21
13	Origin of arsenic in Late Pleistocene to Holocene sediments in the Nawalparasi district (Terai, Nepal). Environmental Earth Sciences, 2015, 74, 2571-2593.	2.7	24
14	What controls the growth of the Himalayan foreland fold-and-thrust belt?. Geology, 2014, 42, 247-250.	4.4	63
15	Dynamic ups and downs of the Himalaya. Geology, 2014, 42, 839-842.	4.4	38
16	Continental sedimentary processes decouple Nd and Hf isotopes. Geochimica Et Cosmochimica Acta, 2013, 121, 177-195.	3.9	85
17	Detrital thermochronology and sediment petrology of the middle Siwaliks along the Muksar Khola section in eastern Nepal. Journal of Asian Earth Sciences, 2012, 44, 94-106.	2.3	28
18	On the influence of diagenesis on the original petrographic composition of Mioceneâ€“Pliocene fluvial sandstone in the Himalayan foreland basin of western-central Nepal. Journal of Asian Earth Sciences, 2012, 44, 107-116.	2.3	11

#	Article	IF	Citations
19	Magnetostratigraphy of the Neogene Siwalik Group in the far eastern Himalaya: Kameng section, Arunachal Pradesh, India. Journal of Asian Earth Sciences, 2012, 44, 117-135.	2.3	73
20	Significance of the clay mineral distribution in fluvial sediments of the Neogene to Recent Himalayan Foreland Basin (west-central Nepal). Basin Research, 2011, 23, 332-345.	2.7	32
21	Srâ€“Ndâ€“Os evidence for a stable erosion regime in the Himalaya during the past 12Myr. Earth and Planetary Science Letters, 2010, 290, 474-480.	4.4	79
22	C and O isotope compositions of modern fresh-water mollusc shells and river waters from the Himalaya and Ganga plain. Chemical Geology, 2006, 233, 156-183.	3.3	53
23	Liquefied vs stratified sediment mobilization processes: Insight from the South of the Barbados accretionary prism. Tectonophysics, 2006, 428, 33-47.	2.2	69
24	Miocene to Recent exhumation of the central Himalaya determined from combined detrital zircon fission-track and U/Pb analysis of Siwalik sediments, western Nepal. Basin Research, 2006, 18, 393-412.	2.7	144
25	Late Miocene - Recent exhumation of the central Himalaya and recycling in the foreland basin assessed by apatite fission-track thermochronology of Siwalik sediments, Nepal. Basin Research, 2006, 18, 413-434.	2.7	114
26	Ganges basin geometry records a pre-15 Ma isostatic rebound of Himalaya. Geology, 2006, 34, 445.	4.4	58
27	Tectonic and climatic control of the changes in the sedimentary record of the Karnali River section (Siwaliks of western Nepal). Island Arc, 2005, 14, 311-327.	1.1	54
28	Channel profiles through the active thrust front of the southern Barbados prism. Geology, 2004, 32, 429-432.	4.4	56
29	Propagation of the thrust system and erosion in the Lesser Himalaya: Geochemical and sedimentological evidence. Geology, 2001, 29, 1007.	4.4	104
30	Chapter 14 Review of the tectonic controls and sedimentary patterns in late neogene piggyback basins on the barbados ridge complex. Sedimentary Basins of the World, 1999, 4, 369-388.	0.2	13
31	A comparison of inverted basins of the Southern North Sea and inverted structures of the external Alps. Geological Society Special Publication, 1995, 88, 339-353.	1.3	8
32	Recent movements along the Main Boundary Thrust of the Himalayas: Normal faulting in an over-critical thrust wedge?. Tectonophysics, 1994, 238, 199-215.	2.2	66
33	The influence of depth on reactivation in normal faulting. Journal of Structural Geology, 1992, 14, 991-998.	2.3	14
34	Micro-structures, mineralogy and geochemistry of clay size fraction (< 2 Âµm) of thrust zones of western Nepal Siwaliks (Karnali area). Journal of Nepal Geological Society, 0, 18, 239-248.	0.2	7