Laurent Godin

List of Publications by Year
in descending order

Version: 2024-02-01

52 papers	3,195 citations	201674 27 h-index	214800 47 g-index
53 all docs	53 docs citations	53 times ranked	1940 citing authors

#	Article	IF	Citations
1	Timing of Indiaâ€Asia collision: Geological, biostratigraphic, and palaeomagnetic constraints. Journal of Geophysical Research, 2010, 115, .	3.3	505
2	Defining the Himalayan Main Central Thrust in Nepal. Journal of the Geological Society, 2008, 165, 523-534.	2.1	276
3	Channel flow, ductile extrusion and exhumation in continental collision zones: an introduction. Geological Society Special Publication, 2006, 268, 1-23.	1.3	257
4	Crustal thickening leading to exhumation of the Himalayan Metamorphic core of central Nepal: Insight from U-Pb Geochronology and40Ar/39Ar Thermochronology. Tectonics, 2001, 20, 729-747.	2.8	234
5	The South Tibetan Detachment and the Manaslu Leucogranite: A Structural Reinterpretation and Restoration of the Annapurnaâ€Manaslu Himalaya, Nepal. Journal of Geology, 2003, 111, 505-523.	1.4	222
6	The Tethyan Himalayan detrital record shows that Indiaâ€“Asia terminal collision occurred by 54 Ma in the Western Himalaya. Earth and Planetary Science Letters, 2017, 459, 301-310.	4.4	155
7	Dating of the oldest continental sediments from the Himalayan foreland basin. Nature, 2001, 410, 194-197.	27.8	135
8	Relationships between displacement and distortion in orogens: Linking the Himalayan foreland and hinterland in central Nepal. Bulletin of the Geological Society of America, 2010, 122, 1116-1134.	3.3	107
9	Structural evolution of the Tethyan sedimentary sequence in the Annapurna area, central Nepal Himalaya. Journal of Asian Earth Sciences, 2003, 22, 307-328.	2.3	102
10	The role of geologic structure and stress in triggering remote seismicity in Creighton Mine, Sudbury, Canada. International Journal of Rock Mechanics and Minings Sciences, 2013, 58, 166-179.	5.8	100
11	Tracking basement cross-strike discontinuities in the Indian crust beneath the Himalayan orogen using gravity data â€“ relationship to upper crustal faults. Geophysical Journal International, 2014, 198, 198-215.	2.4	96
12	Kinematics of the Greater Himalayan sequence, Dhaulagiri Himal: implications for the structural framework of central Nepal. Journal of the Geological Society, 2009, 166, 25-43.	2.1	85
13	Coupled role of deformation and metamorphism in the construction of inverted metamorphic sequences: an example from farâ€northwest Nepal. Journal of Metamorphic Geology, 2012, 30, 513-535.	3.4	81
14	Back folds in the core of the Himalayan orogen: An alternative interpretation. Geology, 1999, 27, 151.	4.4	59
15	Pre-Miocene deformation of the Himalayan superstructure, Hidden valley, central Nepal. Journal of the Geological Society, 2009, 166, 261-275.	2.1	56
16	Out-of-sequence deformation and expansion of the Himalayan orogenic wedge: insight from the Changgo culmination, south central Tibet. Tectonics, 2010, 29, n/a-n/a.	2.8	55
17	Petrochronologic record of metamorphism and melting in the upper Greater Himalayan sequence, Manasluâ€“Himal Chuli Himalaya, west-central Nepal. Lithosphere, 2011, 3, 379-392.	1.4	48
18	Kinematic vorticity flow analysis and 40Ar/39Ar geochronology related to inclined extrusion of the HPâ€“LT metamorphic rocks along the Zagros accretionary prism, Iran. Journal of Structural Geology, 2009, 31, 691-706.	2.3	45

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19	Preservation of the Early Evolution of the Himalayan Middle Crust in Foreland Klippen: Insights from the Karnali Klippe, West Nepal. Tectonics, 2018, 37, 1161-1193.	2.8	44
20	Direct shear fabric dating constrains early Oligocene onset of the South Tibetan detachment in the western Nepal Himalaya. Geology, 2016, 44, 403-406.	4.4	43
21	Diachronous deformation along the base of the Himalayan metamorphic core, west-central Nepal. Bulletin of the Geological Society of America, 2016, 128, 860-878.	3.3	39
22	Locking of southward extrusion in favour of rapid crustal-scale buckling of the Greater Himalayan sequence, Nar valley, central Nepal. Geological Society Special Publication, 2006, 268, 269-292.	1.3	37
23	Kinematics of the Dadeldhura klippe shear zones (W Nepal): implications for the foreland evolution of the Himalayan metamorphic core. Terra Nova, 2013, 25, 282-291.	2.1	36
24	Himalayan hinterland-verging superstructure folds related to foreland-directed infrastructure ductile flow: Insights from centrifuge analogue modelling. Journal of Structural Geology, 2011, 33, 329-342.	2.3	31
25	Segmentation and rejuvenation of the Greater Himalayan sequence in western Nepal revealed by in situ Uâ€“Th/Pb monazite petrochronology. Lithos, 2017, 284-285, 751-765.	1.4	30
26	Influence of inherited Indian basement faults on the evolution of the Himalayan Orogen. Geological Society Special Publication, 2019, 481, 251-276.	1.3	29
27	Active strike-slip faults and an outer frontal thrust in the Himalayan foreland basin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17615-17621.	7.1	29
28	The Chako antiform: A folded segment of the Greater Himalayan sequence, Nar valley, Central Nepal Himalaya. Journal of Asian Earth Sciences, 2006, 27, 717-734.	2.3	24
29	Mid-Miocene initiation of orogen-parallel extension, NW Nepal Himalaya. Lithosphere, 2015, 7, 483-502.	1.4	22
30	Renewed late Miocene (<8 Ma) hinterland ductile thrusting, western Nepal Himalaya. Geology, 2018, 46, 503-506.	4.4	20
31	Tectonometamorphic evolution of the tip of the Himalayan metamorphic core in the Jajarkot klippe, west Nepal. Journal of Metamorphic Geology, 2019, 37, 239-269.	3.4	19
32	Analysis and reinterpretation of deformation features in the Rouge River valley, Scarborough, Ontario. Canadian Journal of Earth Sciences, 2002, 39, 1373-1391.	1.3	16
33	Record of deformation by secondary magnetic remanences and magnetic anisotropy in the Nar/Phu valley (central Himalaya). Tectonophysics, 2003, 377, 197-209.	2.2	14
34	Regional shortening followed by channel flow induced collapse: A new mechanism for â€œdome and keelâ€•geometries in Neoarchaean granite-greenstone terrains. Precambrian Research, 2012, 212-213, 139-154.	2.7	14
35	Tectonic history of the North American shield recorded in uranium deposits in the Beaverlodge area, northern Saskatchewan, Canada. Precambrian Research, 2013, 224, 316-340.	2.7	14
36	Stress channelling and partitioning of seismicity in the Charlevoix seismic zone, QuÃ©bec, Canada. Geophysical Journal International, 2009, 179, 559-568.	2.4	13

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37	Relationship between structures, stress and seismicity in the Charlevoix seismic zone revealed by 3â€Ð geomechanical models: Implications for the seismotectonics of continental interiors. Journal of Geophysical Research, 2010, 115, .	3.3	13
38	Implications of centrifuge simulations of channel flow for opening out or destruction of folds. Tectonophysics, 2012, 526-529, 67-87.	2.2	12
39	Inherited Crossâ€Strike Faults and Oligoceneâ€Early Miocene Segmentation of the Main Himalayan Thrust, West Nepal. Journal of Geophysical Research: Solid Earth, 2019, 124, 7429-7444.	3.4	12
40	Genesis of Multifarious Uranium Mineralization in the Beaverlodge Area, Northern Saskatchewan, Canada. Economic Geology, 2015, 110, 209-240.	3.8	11
41	Reappraisal of emplacement models for Himalayan external crystalline nappes: The Jajarkot klippe, western Nepal. Bulletin of the Geological Society of America, 2018, 130, 1041-1056.	3.3	11
42	Centrifuge modelling of deformation of a multi-layered sequence over a ductile substrate: 1. Style and 4D geometry of active cover folds during layer-parallel shortening. International Journal of Earth Sciences, 2012, 101, 463-482.	1.8	9
43	Localisation of the brittle Bathurst fault on pre-existing fabrics: a case for structural inheritance in the northeastern Slave craton, western Nunavut, Canada. Canadian Journal of Earth Sciences, 2020, 57, 725-746.	1.3	8
44	Spatio-temporal challenges in dating orogen-scale shear zones: The case of the Himalayan Main Central thrust. Tectonophysics, 2020, 774, 228246.	2.2	8
45	Rheological and physical characteristics of crustal-scaled materials for centrifuge analogue modelling. Journal of Structural Geology, 2016, 86, 181-199.	2.3	7
46	Indian plate structural inheritance in the Himalayan foreland basin, Nepal. Basin Research, 2021, 33, 2792-2816.	2.7	6
47	Reply to the discussion by N. Eyles and A. Mohajer on "Analysis and reinterpretation of deformation features in the Rouge River valley, Scarborough, Ontario". Canadian Journal of Earth Sciences, 2003, 40, 1303-1305.	1.3	3
48	Protolith affiliation and tectonometamorphic evolution of the Gurla Mandhata core complex, NW Nepal Himalaya. , 2021, 17, 626-646.		3
49	Out-of-sequence deformation and expansion of the Himalayan orogenic wedge: insight from the Changgo culmination, south-central Tibet. Himalayan Journal of Sciences, 2008, 5, 84.	0.3	0
50	A Methodology For Determining Orientations In Unscribed Core. Journal of Sedimentary Research, 2017, 87, 517-522.	1.6	0
51	Is the Ramgarh thrust equivalent to the Main Central thrust in central Nepal?. Himalayan Journal of Sciences, 2008, 5, 85.	0.3	0
52	Kingston 2017: GACâ€“MAC Joint Annual Meeting Field Trips. Geoscience Canada, 2016, 43, 287.	0.8	0