

Laurent Godin

List of Publications by Year in descending order

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52
papers

3,195
citations

201674

27
h-index

214800

47
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53
docs citations

53
times ranked

1940
citing authors

#	ARTICLE	IF	CITATIONS
1	Protolith affiliation and tectonometamorphic evolution of the Gurla Mandhata core complex, NW Nepal Himalaya. , 2021, 17, 626-646.		3
2	Indian plate structural inheritance in the Himalayan foreland basin, Nepal. Basin Research, 2021, 33, 2792-2816.	2.7	6
3	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
4	Spatio-temporal challenges in dating orogen-scale shear zones: The case of the Himalayan Main Central thrust. Tectonophysics, 2020, 774, 228246.	2.2	8
5	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
6	Inherited Cross-Strike Faults and Oligocene-Early Miocene Segmentation of the Main Himalayan Thrust, West Nepal. Journal of Geophysical Research: Solid Earth, 2019, 124, 7429-7444.	3.4	12
7	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
8	Influence of inherited Indian basement faults on the evolution of the Himalayan Orogen. Geological Society Special Publication, 2019, 481, 251-276.	1.3	29
9	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
10	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
11	Renewed late Miocene (<8 Ma) hinterland ductile thrusting, western Nepal Himalaya. Geology, 2018, 46, 503-506.	4.4	20
12	The Tethyan Himalayan detrital record shows that India-Asia terminal collision occurred by 54 Ma in the Western Himalaya. Earth and Planetary Science Letters, 2017, 459, 301-310.	4.4	155
13	Segmentation and rejuvenation of the Greater Himalayan sequence in western Nepal revealed by in situ U-Th/Pb monazite petrochronology. Lithos, 2017, 284-285, 751-765.	1.4	30
14	A Methodology For Determining Orientations In Unscribed Core. Journal of Sedimentary Research, 2017, 87, 517-522.	1.6	0
15	Rheological and physical characteristics of crustal-scaled materials for centrifuge analogue modelling. Journal of Structural Geology, 2016, 86, 181-199.	2.3	7
16	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
17	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
18	Kingston 2017: GAC-MAC Joint Annual Meeting Field Trips. Geoscience Canada, 2016, 43, 287.	0.8	0

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19	Mid-Miocene initiation of orogen-parallel extension, NW Nepal Himalaya. <i>Lithosphere</i> , 2015, 7, 483-502.	1.4	22
20	Genesis of Multifarious Uranium Mineralization in the Beaverlodge Area, Northern Saskatchewan, Canada. <i>Economic Geology</i> , 2015, 110, 209-240.	3.8	11
21	Tracking basement cross-strike discontinuities in the Indian crust beneath the Himalayan orogen using gravity data – relationship to upper crustal faults. <i>Geophysical Journal International</i> , 2014, 198, 198-215.	2.4	96
22	The role of geologic structure and stress in triggering remote seismicity in Creighton Mine, Sudbury, Canada. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013, 58, 166-179.	5.8	100
23	Tectonic history of the North American shield recorded in uranium deposits in the Beaverlodge area, northern Saskatchewan, Canada. <i>Precambrian Research</i> , 2013, 224, 316-340.	2.7	14
24	Kinematics of the Dadeldhura klippe shear zones (W Nepal): implications for the foreland evolution of the Himalayan metamorphic core. <i>Terra Nova</i> , 2013, 25, 282-291.	2.1	36
25	Regional shortening followed by channel flow induced collapse: A new mechanism for –dome and keel–geometries in Neoproterozoic granite-greenstone terrains. <i>Precambrian Research</i> , 2012, 212-213, 139-154.	2.7	14
26	Coupled role of deformation and metamorphism in the construction of inverted metamorphic sequences: an example from –northwest Nepal. <i>Journal of Metamorphic Geology</i> , 2012, 30, 513-535.	3.4	81
27	Implications of centrifuge simulations of channel flow for opening out or destruction of folds. <i>Tectonophysics</i> , 2012, 526-529, 67-87.	2.2	12
28	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. <i>International Journal of Earth Sciences</i> , 2012, 101, 463-482.	1.8	9
29	Himalayan hinterland-verging superstructure folds related to foreland-directed infrastructure ductile flow: Insights from centrifuge analogue modelling. <i>Journal of Structural Geology</i> , 2011, 33, 329-342.	2.3	31
30	Petrochronologic record of metamorphism and melting in the upper Greater Himalayan sequence, Manaslu –Himal Chuli Himalaya, west-central Nepal. <i>Lithosphere</i> , 2011, 3, 379-392.	1.4	48
31	Relationships between displacement and distortion in orogens: Linking the Himalayan foreland and hinterland in central Nepal. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 1116-1134.	3.3	107
32	Relationship between structures, stress and seismicity in the Charlevoix seismic zone revealed by 3D geomechanical models: Implications for the seismotectonics of continental interiors. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	13
33	Timing of India –Asia collision: Geological, biostratigraphic, and palaeomagnetic constraints. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	505
34	Out-of-sequence deformation and expansion of the Himalayan orogenic wedge: insight from the Changgou culmination, south central Tibet. <i>Tectonics</i> , 2010, 29, n/a-n/a.	2.8	55
35	Kinematic vorticity flow analysis and ⁴⁰ Ar/ ³⁹ Ar geochronology related to inclined extrusion of the HP –LT metamorphic rocks along the Zagros accretionary prism, Iran. <i>Journal of Structural Geology</i> , 2009, 31, 691-706.	2.3	45
36	Stress channelling and partitioning of seismicity in the Charlevoix seismic zone, Qu –bec, Canada. <i>Geophysical Journal International</i> , 2009, 179, 559-568.	2.4	13

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37	Pre-Miocene deformation of the Himalayan superstructure, Hidden valley, central Nepal. Journal of the Geological Society, 2009, 166, 261-275.	2.1	56
38	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
39	Defining the Himalayan Main Central Thrust in Nepal. Journal of the Geological Society, 2008, 165, 523-534.	2.1	276
40	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
41	Is the Ramgarh thrust equivalent to the Main Central thrust in central Nepal?. Himalayan Journal of Sciences, 2008, 5, 85.	0.3	0
42	Channel flow, ductile extrusion and exhumation in continental collision zones: an introduction. Geological Society Special Publication, 2006, 268, 1-23.	1.3	257
43	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
44	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
45	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
46	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
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	The South Tibetan Detachment and the Manaslu Leucogranite: A Structural Reinterpretation and Restoration of the Annapurna-Manaslu Himalaya, Nepal. Journal of Geology, 2003, 111, 505-523.	1.4	222
49	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
50	Crustal thickening leading to exhumation of the Himalayan Metamorphic core of central Nepal: Insight from U-Pb Geochronology and $^{40}\text{Ar}/^{39}\text{Ar}$ Thermochronology. Tectonics, 2001, 20, 729-747.	2.8	234
51	Dating of the oldest continental sediments from the Himalayan foreland basin. Nature, 2001, 410, 194-197.	27.8	135
52	Back folds in the core of the Himalayan orogen: An alternative interpretation. Geology, 1999, 27, 151.	4.4	59