

# S L Goodbred

## List of Publications by Year in descending order

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70  
papers

5,107  
citations

117625

34  
h-index

110387

64  
g-index

75  
all docs

75  
docs citations

75  
times ranked

3856  
citing authors

#	ARTICLE	IF	CITATIONS
1	The significance of large sediment supply, active tectonism, and eustasy on margin sequence development: Late Quaternary stratigraphy and evolution of the Ganges-Brahmaputra delta. <i>Sedimentary Geology</i> , 2000, 133, 227-248.	2.1	492
2	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. <i>Geology</i> , 2000, 28, 1083.	4.4	311
3	Stratigraphic evolution of the late Holocene Ganges-Brahmaputra lower delta plain. <i>Sedimentary Geology</i> , 2003, 155, 317-342.	2.1	297
4	Response of the Ganges dispersal system to climate change: a source-to-sink view since the last interstade. <i>Sedimentary Geology</i> , 2003, 162, 83-104.	2.1	290
5	Flood risk of natural and embanked landscapes on the Ganges-Brahmaputra tidal delta plain. <i>Nature Climate Change</i> , 2015, 5, 153-157.	18.8	252
6	Floodplain processes in the Bengal Basin and the storage of Ganges-Brahmaputra river sediment: an accretion study using <sup>137</sup> Cs and <sup>210</sup> Pb geochronology. <i>Sedimentary Geology</i> , 1998, 121, 239-258.	2.1	218
7	Controls on facies distribution and stratigraphic preservation in the Ganges-Brahmaputra delta sequence. <i>Sedimentary Geology</i> , 2003, 155, 301-316.	2.1	209
8	Holocene and modern sediment budgets for the Ganges-Brahmaputra river system: Evidence for highstand dispersal to flood-plain, shelf, and deep-sea depocenters. <i>Geology</i> , 1999, 27, 559.	4.4	205
9	Geochemical and hydrogeological contrasts between shallow and deeper aquifers in two villages of Araihasar, Bangladesh: Implications for deeper aquifers as drinking water sources. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 5203-5218.	3.9	169
10	Flushing History as a Hydrogeological Control on the Regional Distribution of Arsenic in Shallow Groundwater of the Bengal Basin. <i>Environmental Science &amp; Technology</i> , 2008, 42, 2283-2288.	10.0	144
11	Construction and Maintenance of the Ganges-Brahmaputra-Meghna Delta: Linking Process, Morphology, and Stratigraphy. <i>Annual Review of Marine Science</i> , 2015, 7, 67-88.	11.6	132
12	Mineralogy of the Ganges and Brahmaputra Rivers: implications for river switching and Late Quaternary climate change. <i>Sedimentary Geology</i> , 2003, 155, 343-359.	2.1	116
13	Monsoon sedimentation on the "abandoned" tide-influenced Ganges-Brahmaputra delta plain. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 131, 297-309.	2.1	103
14	Landscape Variability and the Response of Asian Megadeltas to Environmental Change. , 2006, , 277-314.		99
15	Simple technologies and diverse food strategies of the Late Pleistocene and Early Holocene at Huaca Prieta, Coastal Peru. <i>Science Advances</i> , 2017, 3, e1602778.	10.3	97
16	Contributions of floodplain stratigraphy and evolution to the spatial patterns of groundwater arsenic in Araihasar, Bangladesh. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 1567-1580.	3.3	80
17	The planform mobility of river channel confluences: Insights from analysis of remotely sensed imagery. <i>Earth-Science Reviews</i> , 2018, 176, 1-18.	9.1	76
18	High-resolution records of the response of coastal wetland systems to long-term and short-term sea-level variability. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 84, 493-508.	2.1	75

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19	A transect of groundwater and sediment properties in Araihasar, Bangladesh: Further evidence of decoupling between As and Fe mobilization. <i>Chemical Geology</i> , 2006, 228, 85-96.	3.3	74
20	The Gangesâ€“Brahmaputra Delta. , 2011, , 413-434.		74
21	Piecing together the Ganges-Brahmaputra-Meghna River delta: Use of sediment provenance to reconstruct the history and interaction of multiple fluvial systems during Holocene delta evolution. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 1495-1510.	3.3	73
22	Coastal storm deposition: Salt-marsh response to a severe extratropical storm, March 1993, west-central Florida. <i>Geology</i> , 1995, 23, 679.	4.4	71
23	Sources of salinity and arsenic in groundwater in southwest Bangladesh. <i>Geochemical Transactions</i> , 2016, 17, 4.	0.7	70
24	Impact of local recharge on arsenic concentrations in shallow aquifers inferred from the electromagnetic conductivity of soils in Araihasar, Bangladesh. <i>Water Resources Research</i> , 2008, 44, .	4.2	69
25	A late pleistocene human presence at Huaca Prieta, Peru, and early Pacific Coastal adaptations. <i>Quaternary Research</i> , 2012, 77, 418-423.	1.7	69
26	Drinking water insecurity: water quality and access in coastal south-western Bangladesh. <i>International Journal of Environmental Health Research</i> , 2016, 26, 508-524.	2.7	68
27	Chronology, mound-building and environment at Huaca Prieta, coastal Peru, from 13 700 to 4000 years ago. <i>Antiquity</i> , 2012, 86, 48-70.	1.0	66
28	Comparison of arsenic concentrations in simultaneously-collected groundwater and aquifer particles from Bangladesh, India, Vietnam, and Nepal. <i>Applied Geochemistry</i> , 2008, 23, 3244-3251.	3.0	62
29	Late Quaternary sedimentary record and Holocene channel avulsions of the Jamuna and Old Brahmaputra River valleys in the upper Bengal delta plain. <i>Geomorphology</i> , 2014, 227, 123-136.	2.6	62
30	Effects of tectonic deformation and sea level on river path selection: Theory and application to the Ganges-Brahmaputra-Meghna River Delta. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 671-689.	2.8	61
31	Tide-Dominated Deltas. , 2012, , 129-149.		60
32	The Effect of Sea-Level and Climate Change on the Development of a Mixed Siliciclastic-Carbonate, Deltaic Coastline: Suwannee River, Florida, U.S.A.. <i>Journal of Sedimentary Research</i> , 2005, 75, 621-635.	1.6	54
33	Sea-level change and storm-surge deposition in a late Holocene Florida salt marsh. <i>Journal of Sedimentary Research</i> , 1998, 68, 240-252.	1.6	52
34	Geomorphic change in the Gangesâ€“Brahmaputraâ€“Meghna delta. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 763-780.	29.7	45
35	Source, transport, and evolution of saline groundwater in a shallow Holocene aquifer on the tidal delta plain of southwest Bangladesh. <i>Water Resources Research</i> , 2015, 51, 5791-5805.	4.2	42
36	Widespread infilling of tidal channels and navigable waterways in the human-modified tidal delta plain of southwest Bangladesh. <i>Elementa</i> , 2017, 5, .	3.2	41

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37	Luminescence dating of delta sediments: Novel approaches explored for the Ganges-Brahmaputra-Meghna Delta. <i>Quaternary Geochronology</i> , 2017, 41, 97-111.	1.4	40
38	Spectroscopy of sediments in the Ganges-Brahmaputra delta: Spectral effects of moisture, grain size and lithology. <i>Remote Sensing of Environment</i> , 2009, 113, 342-361.	11.0	39
39	Observations and scaling of tidal mass transport across the lower Ganges-Brahmaputra delta plain: implications for delta management and sustainability. <i>Earth Surface Dynamics</i> , 2019, 7, 231-245.	2.4	37
40	Global climate changes recorded in coastal wetland sediments: Empirical observations linked to theoretical predictions. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	35
41	A base-level stratigraphic approach to determining Holocene subsidence of the Ganges-Meghna-Brahmaputra Delta plain. <i>Earth and Planetary Science Letters</i> , 2018, 499, 23-36.	4.4	34
42	Mass failures associated with the passage of a large tropical cyclone over the Swatch of No Ground submarine canyon (Bay of Bengal). <i>Geology</i> , 2010, 38, 1051-1054.	4.4	31
43	Salinization and arsenic contamination of surface water in southwest Bangladesh. <i>Geochemical Transactions</i> , 2017, 18, 4.	0.7	28
44	Fluvial form in modern continental sedimentary basins: Distributive fluvial systems: COMMENT. <i>Geology</i> , 2010, 38, e230-e230.	4.4	26
45	Flow Reorganization in an Anthropogenically Modified Tidal Channel Network: An Example From the Southwestern Ganges-Brahmaputra-Meghna Delta. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2141-2159.	2.8	26
46	Terrace formation in the upper Bengal basin since the Middle Pleistocene: Brahmaputra fan delta construction during multiple highstands. <i>Basin Research</i> , 2018, 30, 550-567.	2.7	25
47	Enormous Ganges-Brahmaputra sediment discharge during strengthened early Holocene monsoon. <i>Geology</i> , 2000, 28, 1083-1086.	4.4	25
48	Contributions of a Strengthened Early Holocene Monsoon and Sediment Loading to Present-Day Subsidence of the Ganges-Brahmaputra Delta. <i>Geophysical Research Letters</i> , 2018, 45, 1433-1442.	4.0	24
49	Shelf-to-canyon connections: Transport-related morphology and mass balance at the shallow-headed, rapidly aggrading Swatch of No Ground (Bay of Bengal). <i>Marine Geology</i> , 2015, 369, 288-299.	2.1	23
50	Holocene Brahmaputra River path selection and variable sediment bypass as indicators of fluctuating hydrologic and climate conditions in Sylhet Basin, Bangladesh. <i>Basin Research</i> , 2018, 30, 302-320.	2.7	22
51	High-Arsenic Groundwater in the Southwestern Bengal Basin Caused by a Lithologically Controlled Deep Flow System. <i>Geophysical Research Letters</i> , 2019, 46, 13062-13071.	4.0	21
52	Preliminary evidence of a link between surface soil properties and the arsenic content of shallow groundwater in Bangladesh. <i>Journal of Geochemical Exploration</i> , 2006, 88, 157-161.	3.2	19
53	The sedimentology of river confluences. <i>Sedimentology</i> , 2019, 66, 391-407.	3.1	19
54	Integrating geochronologic and instrumental approaches across the Bengal Basin. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 56-74.	2.5	18

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55	The Sundarbans and Bengal Delta: The World's Largest Tidal Mangrove and Delta System. <i>World Geomorphological Landscapes</i> , 2014, , 181-187.	0.3	16
56	Present-Day Subsidence in the Ganges-Brahmaputra-Meghna Delta: Eastern Amplification of the Holocene Sediment Loading Contribution. <i>Geophysical Research Letters</i> , 2019, 46, 10764-10772.	4.0	15
57	Transformation of maritime desert to an agricultural center: Holocene environmental change and landscape engineering in Chicama River valley, northern Peru coast. <i>Quaternary Science Reviews</i> , 2020, 227, 106046.	3.0	15
58	Stable and Sustainable: Delta Dynamics Versus the Human Need for Stability. <i>Earth's Future</i> , 2021, 9, e2021EF002121.	6.3	15
59	Delta Double-Stack: Juxtaposed Holocene and Pleistocene Sequences from the Bengal Basin, Bangladesh. <i>The Sedimentary Record</i> , 2009, 7, 4-9.	0.6	14
60	Impact of glacial-lake paleofloods on valley development since glacial termination II: A conundrum of hydrology and scale for the lowstand Brahmaputra-Jamuna paleovalley system. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 58-70.	3.3	12
61	The sediment budget of an urban coastal lagoon (Jamaica Bay, NY) determined using <sup>234</sup> Th and <sup>210</sup> Pb. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 180, 136-149.	2.1	10
62	Reply to 'Tidal river management in Bangladesh'. <i>Nature Climate Change</i> , 2015, 5, 492-493.	18.8	9
63	Coupling Mass Extraction and Downstream Fining With Fluvial Facies Changes Across the Sylhet Basin of the Ganges-Brahmaputra-Meghna Delta. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 400-413.	2.8	8
64	Flexural deformation controls on Late Quaternary sediment dispersal in the Garo-Rajmahal Gap, NW Bengal Basin. <i>Basin Research</i> , 2020, 32, 1242-1260.	2.7	6
65	Response of mollusc assemblages to climate variability and anthropogenic activities: a 4000-year record from a shallow bar-built lagoon system. <i>Global Change Biology</i> , 2013, 19, 3024-3036.	9.5	5
66	Shelf and slope sedimentation associated with large deltaic systems. , 0, , 86-117.		3
67	Antecedent Topography and Sediment Dispersal: The Influence of Geologically Instantaneous Events on Basin Fill Patterns. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	2.8	2
68	Estuaries wrangle with the tides. <i>Nature Climate Change</i> , 2019, 9, 908-909.	18.8	0
69	Ocean Margin Sediments. , 2019, , 184-191.		0
70	Deltaic Sediments, Climate Records. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 265-269.	0.1	0