

Christopher J Talbot

List of Publications by Year in descending order

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54
papers

2,014
citations

236925

25
h-index

243625

44
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54
all docs

54
docs citations

54
times ranked

1573
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive unconformities within an evolving foreland fold-thrust belt, Zagros Mountains. <i>Journal of the Geological Society</i> , 2001, 158, 969-981.	2.1	284
2	THE SIGNIFICANCE OF STRIKE-SLIP FAULTING IN THE BASEMENT OF THE ZAGROS FOLD AND THRUST BELT. <i>Journal of Petroleum Geology</i> , 2001, 24, 5-28.	1.5	185
3	Active deformation within the Zagros Mountains deduced from GPS measurements. <i>Journal of the Geological Society</i> , 2006, 163, 143-148.	2.1	163
4	Viscosity estimates of salt in the Hormuz and Namakdan salt diapirs, Persian Gulf. <i>Geological Magazine</i> , 2010, 147, 497-507.	1.5	97
5	Implications of channel flow analogue models for extrusion of the Higher Himalayan Shear Zone with special reference to the out-of-sequence thrusting. <i>International Journal of Earth Sciences</i> , 2012, 101, 253-272.	1.8	85
6	Subaerial salt extrusions in Iran as analogues of ice sheets, streams and glaciers. <i>Earth-Science Reviews</i> , 2009, 97, 155-183.	9.1	64
7	Salt structures and hydrocarbons in the Pricaspian basin. <i>AAPG Bulletin</i> , 2003, 87, 313-334.	1.5	64
8	Extrusions of Hormuz salt in Iran. <i>Geological Society Special Publication</i> , 1998, 143, 315-334.	1.3	63
9	Effect of ductile and frictional décollements on style of extension. <i>Journal of Structural Geology</i> , 2003, 25, 1401-1423.	2.3	58
10	Salt diapirs of the southwest Nordkapp Basin: analogue modelling. <i>Tectonophysics</i> , 1993, 228, 167-187.	2.2	52
11	Strain ellipsoids from incompetent dykes: Application to volume loss during mylonitization in the Singö gneiss zone, central Sweden. <i>Journal of Structural Geology</i> , 1995, 17, 927-948.	2.3	49
12	Indentation of a continent with a built-in thickness change: experiment and nature. <i>Tectonophysics</i> , 2000, 320, 243-270.	2.2	48
13	Large-scale slope failure involving Triassic and Middle Miocene salt and shale in the Gulf of Cadiz (Atlantic Iberian Margin). <i>Terra Nova</i> , 2003, 15, 380-391.	2.1	48
14	Salt extrusion at Kuh-e-Jahani, Iran, from June 1994 to November 1997. <i>Geological Society Special Publication</i> , 2000, 174, 93-110.	1.3	45
15	Stress control of hydraulic conductivity in fracture-saturated Swedish bedrock. <i>Engineering Geology</i> , 2001, 61, 145-153.	6.3	45
16	Effect of basal friction on surface and volumetric strain in models of convergent settings measured by laser scanner. <i>Journal of Structural Geology</i> , 2008, 30, 366-379.	2.3	41
17	InSAR mapping and modelling of an active Iranian salt extrusion. <i>Journal of the Geological Society</i> , 2010, 167, 155-170.	2.1	41
18	Red Sea extension influenced by Pan-African tectonic grain in eastern Eritrea. <i>Journal of Structural Geology</i> , 2000, 22, 931-946.	2.3	40

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19	A tectonic pulse in the Makran accretionary prism recorded in Iranian coastal sediments. <i>Journal of the Geological Society</i> , 2003, 160, 903-910.	2.1	40
20	Potash in a salt mushroom at Hormoz Island, Hormoz Strait, Iran. <i>Ore Geology Reviews</i> , 2009, 35, 317-332.	2.7	40
21	Salt diapirism with simultaneous brittle faulting and viscous flow. <i>Geological Society Special Publication</i> , 1996, 100, 291-302.	1.3	39
22	Red Sea detachment and basement core complexes in Eritrea. <i>Geology</i> , 1997, 25, 655.	4.4	39
23	Indenter growth in analogue models of Alpine-type deformation. <i>Tectonics</i> , 1999, 18, 119-128.	2.8	38
24	Constraints for timing of extensional tectonics in the western margin of the Red Sea in Eritrea. <i>Earth and Planetary Science Letters</i> , 2002, 200, 107-119.	4.4	37
25	Dynamic restoration of profiles across diapiric salt structures: numerical approach and its applications. <i>Tectonophysics</i> , 2001, 337, 23-38.	2.2	28
26	Numerical models of ductile rebound of crustal roots beneath mountain belts. <i>Geophysical Journal International</i> , 1999, 139, 556-562.	2.4	24
27	Time constraints on exhumation of the East African Orogen from field observations and $^{40}\text{Ar}/^{39}\text{Ar}$ cooling ages of low-angle mylonites in Eritrea, NE Africa. <i>Precambrian Research</i> , 2005, 139, 20-41.	2.7	22
28	Melanges, intrusive and extrusive sediments, and hydraulic arcs. <i>Geology</i> , 1989, 17, 446.	4.4	21
29	The importance of incompetence. <i>Geology</i> , 1992, 20, 951.	4.4	21
30	Karst development on a mobile substrate: Konarsiah salt extrusion, Iran. <i>Geological Magazine</i> , 2012, 149, 412-422.	1.5	21
31	Ductile shear zones as counterflow boundaries in pseudoplastic fluids. <i>Journal of Structural Geology</i> , 1999, 21, 1535-1551.	2.3	20
32	Shear zones between rock units with no relative movement. <i>Journal of Structural Geology</i> , 2013, 50, 82-90.	2.3	19
33	Inclined transpression in the Neka Valley, eastern Alborz, Iran. <i>International Journal of Earth Sciences</i> , 2017, 106, 1815-1840.	1.8	18
34	Caledonian and post-Caledonian structure of the Olden Window, Scandinavian Caledonides. <i>Gff</i> , 1987, 109, 359-361.	0.4	14
35	Patterns of Active Shear in Fennoscandia. , 1989, , 441-466.		14
36	Strains and vorticity beneath a tabular batholith in the Zambesi belt, northeast Zimbabwe. <i>Tectonophysics</i> , 1987, 138, 121-158.	2.2	13

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37	Palaeoproterozoic crustal building in NE UtÅŕ, southern Svecofennides, Sweden. <i>Gff</i> , 2008, 130, 49-70.	1.2	7
38	The Garmsar salt nappe and seasonal inversions of surrounding faults imaged by SAR interferometry, Northern Iran. <i>Geological Society Special Publication</i> , 2012, 363, 563-578.	1.3	7
39	Palaeoproterozoic intraplating exposed by resultant gravity overturn near Kiruna, northern Sweden. <i>Precambrian Research</i> , 1995, 72, 199-225.	2.7	6
40	GPS measurements of crustal deformation in SkÅŕne, Sweden, between 1989 and 1996. <i>Gff</i> , 1999, 121, 67-72.	1.2	6
41	Crustal movements in SkÅŕne, Sweden, between 1992 and 1998 as observed by GPS. <i>Journal of Geodynamics</i> , 2001, 31, 311-322.	1.6	6
42	â€œEvidence for Triassic salt domes in the Tunisian Atlas from gravity and geological dataâ€ by C. Jallouli et al., <i>Tectonophysics</i> 396 (2005) 209â€“225. <i>Tectonophysics</i> , 2005, 406, 249-254.	2.2	6
43	A train of kink folds in the surficial salt of Qom Kuh, Central Iran. <i>Journal of Structural Geology</i> , 2009, 31, 1212-1222.	2.3	6
44	Constraining the strain ellipsoid and deformation parameters using deformed single layers: A computational approach assuming pure shear and isotropic volume change. <i>Journal of Structural Geology</i> , 2014, 62, 194-206.	2.3	5
45	Lessons from the first 100 minimum strain ellipsoids constrained in gneisses deformed at high metamorphic grade. <i>Earth-Science Reviews</i> , 2014, 138, 231-267.	9.1	5
46	Ductile shear zones as counterflow boundaries in pseudoplastic fluids: Reply. <i>Journal of Structural Geology</i> , 2001, 23, 157-159.	2.3	4
47	Lateral constraint rather than escape along a terrane boundary near Skelleftehamn. <i>Gff</i> , 2005, 127, 99-114.	1.2	4
48	Multiphase halokinesis in the Nordkapp Basin. <i>Norwegian Petroleum Society Special Publications</i> , 1993, 2, 665-668.	0.1	4
49	Empirical paths of poles to planes (eppps) constrain the kinematics of geological shear zones. <i>Journal of Structural Geology</i> , 2014, 66, 309-333.	2.3	3
50	GPS networks to measure active strains in Sweden. <i>Gff</i> , 1992, 114, 378-380.	0.4	2
51	Strain estimation in 3D by fitting linear and planar data to the March model. <i>Tectonophysics</i> , 2016, 686, 63-67.	2.2	2
52	Dynamics, budget and age of an active salt extrusion. <i>Gff</i> , 1983, 105, 377-378.	0.4	1
53	Thermal Convection in the Archaean Crust?. <i>Nature</i> , 1969, 222, 974-975.	27.8	0
54	Petrology and Structure of the El Pinal Tonalite, Baja California, Mexico: Discussion. <i>Bulletin of the Geological Society of America</i> , 1969, 80, 2387.	3.3	0