

Mark T Brandon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11824344/publications.pdf>

Version: 2024-02-01

43
papers

5,683
citations

126907

33
h-index

276875

41
g-index

44
all docs

44
docs citations

44
times ranked

4049
citing authors

#	ARTICLE	IF	CITATIONS
1	On backflow associated with oceanic and continental subduction. <i>Geophysical Journal International</i> , 2021, 227, 576-590.	2.4	1
2	Miocene development of alpine glacial relief in the Patagonian Andes, as revealed by low-temperature thermochronometry. <i>Earth and Planetary Science Letters</i> , 2017, 460, 152-163.	4.4	28
3	An autocorrelation method for three-dimensional strain analysis. <i>Journal of Structural Geology</i> , 2015, 81, 135-154.	2.3	9
4	Leaf wax stable isotopes from Northern Tibetan Plateau: Implications for uplift and climate since 15 Ma. <i>Earth and Planetary Science Letters</i> , 2014, 390, 186-198.	4.4	100
5	Some analytical methods for converting thermochronometric age to erosion rate. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 209-222.	2.5	81
6	Critical form and feedbacks in mountain-belt dynamics: Role of rheology as a tectonic governor. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	11
7	A generalized power law approximation for fluvial incision of bedrock channels. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	51
8	Thermochronologic evidence for orogen-parallel variability in wedge kinematics during extending convergent orogenesis of the northern Apennines, Italy. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 1160-1179.	3.3	67
9	Glaciation as a destructive and constructive control on mountain building. <i>Nature</i> , 2010, 467, 313-317.	27.8	219
10	Using tracer thermochronology to measure modern relief change in the Sierra Nevada, California. <i>Earth and Planetary Science Letters</i> , 2010, 296, 373-383.	4.4	40
11	Exhumation Settings, Part I: Relatively Simple Cases. <i>International Geology Review</i> , 2008, 50, 97-120.	2.1	10
12	Thermochronologic evidence for the exhumational history of the Alpi Apuane metamorphic core complex, northern Apennines, Italy. <i>Tectonics</i> , 2007, 26, .	2.8	76
13	Using leaf margin analysis to estimate the mid-Cretaceous (Albian) paleolatitude of the Baja BC block. <i>Earth and Planetary Science Letters</i> , 2006, 245, 95-114.	4.4	89
14	USING THERMOCHRONOLOGY TO UNDERSTAND OROGENIC EROSION. <i>Annual Review of Earth and Planetary Sciences</i> , 2006, 34, 419-466.	11.0	765
15	Formation of forearc basins and their influence on subduction zone earthquakes. <i>Geology</i> , 2006, 34, 65.	4.4	138
16	22. Computational Tools for Low-Temperature Thermochronometer Interpretation. , 2005, , 589-622.		23
17	Fundamentals of detrital zircon fission-track analysis for provenance and exhumation studies with examples from the European Alps. , 2004, , .		30
18	Cenozoic plate boundary evolution in the South Island of New Zealand: New thermochronological constraints. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	46

#	ARTICLE	IF	CITATIONS
19	Quantitative testing of bedrock incision models for the Clearwater River, NW Washington State. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	116
20	On steady states in mountain belts. <i>Geology</i> , 2002, 30, 175.	4.4	541
21	Topographic controls on erosion rates in tectonically active mountain ranges. <i>Earth and Planetary Science Letters</i> , 2002, 201, 481-489.	4.4	656
22	Lateral thinking: 2-D interpretation of thermochronology in convergent orogenic settings. <i>Tectonophysics</i> , 2002, 349, 185-201.	2.2	58
23	Tectonic synthesis of the Olympic Mountains segment of the Cascadia wedge, using two-dimensional thermal and kinematic modeling of thermochronological ages. <i>Journal of Geophysical Research</i> , 2001, 106, 26731-26746.	3.3	76
24	Solution-mass-transfer deformation adjacent to the Glarus Thrust, with implications for the tectonic evolution of the Alpine wedge in eastern Switzerland. <i>Journal of Structural Geology</i> , 2001, 23, 1491-1505.	2.3	30
25	Steady-state exhumation of the European Alps. <i>Geology</i> , 2001, 29, 35.	4.4	171
26	A Fluvial Record of Long-term Steady-state Uplift and Erosion Across the Cascadia Forearc High, Western Washington State. <i>Numerische Mathematik</i> , 2001, 301, 385-431.	1.4	249
27	Ductile deformation and mass loss in the Franciscan Subduction Complex: implications for exhumation processes in accretionary wedges. <i>Geological Society Special Publication</i> , 1999, 154, 55-86.	1.3	38
28	Exhumation history of orogenic highlands determined by detrital fission-track thermochronology. <i>Geological Society Special Publication</i> , 1999, 154, 283-304.	1.3	152
29	Exhumation processes. <i>Geological Society Special Publication</i> , 1999, 154, 1-27.	1.3	157
30	Contribution of ductile flow to exhumation of low-temperature, high-pressure metamorphic rocks: San Juan-Cascade nappes, NW Washington State. <i>Journal of Geophysical Research</i> , 1999, 104, 10883-10902.	3.3	75
31	Late Cenozoic exhumation of the Cascadia accretionary wedge in the Olympic Mountains, northwest Washington State. <i>Bulletin of the Geological Society of America</i> , 1998, 110, 985-1009.	3.3	647
32	Macrogeomorphic evolution of the post-Triassic Appalachian mountains determined by deconvolution of the offshore basin sedimentary record. <i>Basin Research</i> , 1996, 8, 255-278.	2.7	128
33	Probability density plot for fission-track grain-age samples. <i>Radiation Measurements</i> , 1996, 26, 663-676.	1.4	231
34	Analysis of geologic strain data in strain-magnitude space. <i>Journal of Structural Geology</i> , 1995, 17, 1375-1385.	2.3	34
35	Fission-track ages of detrital zircons from Cretaceous strata, southern British Columbia: Implications for the Baja BC hypothesis. <i>Tectonics</i> , 1994, 13, 401-420.	2.8	53
36	Kinematic data for the Coast Range fault and implications for exhumation of the Franciscan subduction complex. <i>Geology</i> , 1994, 22, 735.	4.4	61

#	ARTICLE	IF	CITATIONS
37	Erosional denudation of the British Columbia Coast Ranges as determined from fission-track ages of detrital zircon from the Tofino basin, Olympic Peninsula, Washington. Bulletin of the Geological Society of America, 1994, 106, 1398-1412.	3.3	56
38	Tilt and northward offset of Cordilleran batholiths resolved using igneous barometry. Nature, 1992, 360, 146-149.	27.8	71
39	Regionally extensive mid-Cretaceous west-vergent thrust system in the northwestern Cordillera: Implications for continent-margin tectonism. Geology, 1990, 18, 276.	4.4	127
40	High-pressure metamorphism and uplift of the Olympic subduction complex. Geology, 1990, 18, 1252.	4.4	83
41	Deformational styles in a sequence of olistostromal mélanges, Pacific Rim Complex, western Vancouver Island, Canada. Bulletin of the Geological Society of America, 1989, 101, 1520-1542.	3.3	45
42	Origin of igneous rocks associated with Mélanges of the Pacific Rim Complex, western Vancouver Island, Canada. Tectonics, 1989, 8, 1115-1136.	2.8	10
43	The Late Cretaceous San Juan thrust system, San Juan Islands, Washington. Special Paper of the Geological Society of America, 1988, , 1-83.	0.5	28