

Michael Brown

List of Publications by Year in descending order

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121
papers

9,131
citations

36303

51
h-index

40979

93
g-index

125
all docs

125
docs citations

125
times ranked

3789
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-stage exhumation of deeply subducted continental crust: Insight from zircon, titanite, and apatite petrochronology, Sulu belt of eastern China. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 48-66.	3.3	9
2	Qualitative study on the factors and role of residential staff that influence and effect the support provided to adults with intellectual disabilities regarding the expression of their sexuality. <i>Evidence-based Nursing</i> , 2022, , ebnurs-2021-103487.	0.2	0
3	Linking metamorphism and plate boundaries over the past 2 billion years. <i>Geology</i> , 2022, 50, 631-635.	4.4	14
4	Secular changes in metamorphism and metamorphic cooling rates track the evolving plate-tectonic regime on Earth. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	8
5	Earth's anomalous middle-age magmatism driven by plate slowdown. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
6	Partial melting of ultrahigh-pressure eclogite by omphacite-breakdown facilitates exhumation of deeply-subducted crust. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116664.	4.4	20
7	Risk factors for falls among adults with intellectual disabilities: A narrative review. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2021, 34, 274-285.	2.0	7
8	Homelessness and people with intellectual disabilities: A systematic review of the international research evidence. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2021, 34, 390-401.	2.0	10
9	Homeless experiences and support needs of transgender people: A systematic review of the international evidence. <i>Journal of Nursing Management</i> , 2021, 29, 85-94.	3.4	21
10	Metamorphism Through Time. , 2021, , 623-633.		1
11	The views and experiences of bisexual people regarding their psychosocial support needs: a qualitative evidence synthesis. <i>Journal of Psychiatric and Mental Health Nursing</i> , 2021, 28, 430-443.	2.1	5
12	Enigmatic Midâ€Proterozoic Orogens: Hot, Thin, and Low. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093312.	4.0	35
13	Crustal melting and suprasolidus phase equilibria: From first principles to the state-of-the-art. <i>Earth-Science Reviews</i> , 2021, 221, 103778.	9.1	21
14	The views and experiences of LGBTQ+ people regarding midwifery care: A systematic review of the international evidence. <i>Midwifery</i> , 2021, 103, 103102.	2.3	10
15	LGBTQ+ Psychosocial Concerns in Nursing and Midwifery Education Programmes: Qualitative Findings from a Mixed-Methods Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11366.	2.6	7
16	Experiences of adults with intellectual disabilities accessing acute hospital services: A systematic review of the international evidence. <i>Health and Social Care in the Community</i> , 2021, 29, 1222-1232.	1.6	18
17	The needs of LGBTI+ people within student nurse education programmes: A new conceptualisation. <i>Nurse Education in Practice</i> , 2020, 47, 102828.	2.6	10
18	The Design, Content and Delivery of Relationship and Sexuality Education Programmes for People with Intellectual Disabilities: A Systematic Review of the International Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7568.	2.6	22

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19	ICU Service Transitions of Care and the Effect on Patient Outcomes. , 2020, , .		0
20	Psychosocial Needs of Bisexual People: Findings from a Mixed-Methods Research Study. Issues in Mental Health Nursing, 2020, 41, 691-699.	1.2	1
21	The views and experiences of fathers regarding their young child's intellectual and developmental disability diagnosis: Findings from a qualitative study. Journal of Clinical Nursing, 2020, 29, 3373-3381.	3.0	1
22	P-T evolution and tectonic significance of lawsonite-bearing schists from the eastern segment of the southwestern Tianshan, China. Journal of Metamorphic Geology, 2020, 38, 935-962.	3.4	7
23	The views and experiences of lesbians regarding their mental health needs and concerns: Qualitative findings from a mixed-methods study. Perspectives in Psychiatric Care, 2020, 56, 827-836.	1.9	1
24	Petrogenesis of leucosome sheets in migmatitic UHP eclogites: Evolution from silicate-rich supercritical fluid to hydrous melt. Lithos, 2020, 360-361, 105442.	1.4	11
25	Evolution of geodynamics since the Archean: Significant change at the dawn of the Phanerozoic. Geology, 2020, 48, 488-492.	4.4	48
26	Recruitment settings, delivery contexts, intervention techniques and outcomes of health promotion programmes for young adults with intellectual and developmental disabilities: A systematic review. Research in Developmental Disabilities, 2020, 99, 103592.	2.2	7
27	Plate Tectonics and the Archean Earth. Annual Review of Earth and Planetary Sciences, 2020, 48, 291-320.	11.0	196
28	Metamorphism and the evolution of plate tectonics. Nature, 2019, 572, 378-381.	27.8	141
29	Metamorphism and the evolution of subduction on Earth. American Mineralogist, 2019, 104, 1065-1082.	1.9	105
30	Education and practice developments: Addressing the psychosocial concerns and support needs of LGBT+ people. Nurse Education Today, 2019, 82, 15-20.	3.3	7
31	The views and experiences of families and direct care support workers regarding the expression of sexuality by adults with intellectual disabilities: A narrative review of the international research evidence. Research in Developmental Disabilities, 2019, 90, 80-91.	2.2	19
32	People with intellectual disabilities, relationship and sex education programmes: A systematic review. Health Education Journal, 2019, 78, 885-900.	1.2	35
33	Ten years of research progress on the structure, P-T path and Fluid-Melt evolution of the deeply-subducted UHP continental crust in the Sulu belt. Acta Geologica Sinica, 2019, 93, 122-123.	1.4	0
34	Surface erosion events controlled the evolution of plate tectonics on Earth. Nature, 2019, 570, 52-57.	27.8	114
35	Trauma-informed care: A qualitative study exploring the views and experiences of professionals in specialist health services for adults with intellectual disabilities. Journal of Applied Research in Intellectual Disabilities, 2019, 32, 1437-1445.	2.0	24
36	Hotter mantle but colder subduction in the Precambrian: What are the implications?. Precambrian Research, 2019, 330, 20-34.	2.7	27

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37	Are mental health tribunals operating in accordance with international human rights standards? A systematic review of the international literature. <i>Health and Social Care in the Community</i> , 2019, 27, e494-e513.	1.6	7
38	Pilot feasibility study of the Walking Away from Diabetes programme for adults with intellectual disabilities in two further education colleges: Process evaluation findings. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2019, 32, 1034-1046.	2.0	3
39	Time's arrow, time's cycle: Granulite metamorphism and geodynamics. <i>Mineralogical Magazine</i> , 2019, 83, 323-338.	1.4	60
40	A mixed-methods, randomized controlled feasibility trial of Eye Movement Desensitization and Reprocessing (EMDR) plus Standard Care (SC) versus SC alone for DSM-5 Posttraumatic Stress Disorder (PTSD) in adults with intellectual disabilities. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2019, 32, 806-818.	2.0	29
41	Homelessness among youth who identify as LGBTQ+: A systematic review. <i>Journal of Clinical Nursing</i> , 2019, 28, 2061-2072.	3.0	62
42	Neoproterozoic evolution and Cambrian reworking of ultrahigh temperature granulites in the Eastern Ghats Province, India. <i>Journal of Metamorphic Geology</i> , 2019, 37, 977-1006.	3.4	21
43	An evaluation of mainstream type 2 diabetes educational programmes in relation to the needs of people with intellectual disabilities: A systematic review of the literature. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2019, 32, 256-279.	2.0	6
44	Divergent behaviour of Th and U during anatexis: Implications for the thermal evolution of orogenic crust. <i>Journal of Metamorphic Geology</i> , 2019, 37, 899-916.	3.4	34
45	Secular change in TTG compositions: Implications for the evolution of Archaean geodynamics. <i>Earth and Planetary Science Letters</i> , 2019, 505, 65-75.	4.4	94
46	The inclusion of LGBT+ health issues within undergraduate healthcare education and professional training programmes: A systematic review. <i>Nurse Education Today</i> , 2018, 64, 204-214.	3.3	103
47	Challenges in constraining the P-T conditions of mafic granulites: An example from the northern Trans-North China Orogen. <i>Journal of Metamorphic Geology</i> , 2018, 36, 739-768.	3.4	36
48	Sexuality issues and the voices of adults with intellectual disabilities: A systematic review of the literature. <i>Research in Developmental Disabilities</i> , 2018, 74, 124-138.	2.2	64
49	Secular change in metamorphism and the onset of global plate tectonics. <i>American Mineralogist</i> , 2018, 103, 181-196.	1.9	347
50	Vulnerability and Psychosocial Risk Factors Regarding People who Identify as Transgender. A Systematic Review of the Research Evidence. <i>Issues in Mental Health Nursing</i> , 2018, 39, 3-15.	1.2	23
51	What drives metamorphism in early Archean greenstone belts? Insights from numerical modeling. <i>Tectonophysics</i> , 2018, 746, 587-601.	2.2	25
52	On the survival of intergranular coesite in UHP eclogite. <i>Journal of Metamorphic Geology</i> , 2018, 36, 173-194.	3.4	26
53	Earth dynamics and the development of plate tectonics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20180228.	3.4	35
54	Adults with intellectual disabilities experience shame that leads to psychological distress and mental illness that requires assessment and treatment. <i>Evidence-based Nursing</i> , 2018, 21, 86-86.	0.2	2

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55	Phase Equilibrium Modeling of MTâ€“UHP Eclogite: a Case Study of Coesite Eclogite at Yangkou Bay, Sulu Belt, Eastern China. <i>Journal of Petrology</i> , 2018, 59, 1253-1280.	2.8	28
56	Multiple traumatisation and subsequent psychopathology in people with intellectual disabilities and <scp>DSMâ€“5 PTSD</scp>: a preliminary study. <i>Journal of Intellectual Disability Research</i> , 2018, 62, 730-736.	2.0	22
57	Earthâ€™s first stable continents did not form by subduction. <i>Nature</i> , 2017, 543, 239-242.	27.8	304
58	Fluid generation and evolution during exhumation of deeply subducted <scp>UHP</scp> continental crust: Petrogenesis of composite graniteâ€“quartz veins in the Sulu belt, China. <i>Journal of Metamorphic Geology</i> , 2017, 35, 601-629.	3.4	53
59	The Impact of a School-Based Weight Management Program Involving Parents via mHealth for Overweight and Obese Children and Adolescents with Intellectual Disability: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1178.	2.6	23
60	From Source to Sink: Petrogenesis of Cretaceous Anatectic Granites from the Fosdick Migmatiteâ€“Granite Complex, West Antarctica. <i>Journal of Petrology</i> , 2016, 57, 1241-1278.	2.8	53
61	Subduction or sagduction? Ambiguity in constraining the origin of ultramaficâ€“mafic bodies in the Archean crust of NW Scotland. <i>Precambrian Research</i> , 2016, 283, 89-105.	2.7	42
62	Pâ€“t evolution of pelitic gneiss from the basement underlying the Northwestern Ordos Basin, North China Craton, and the tectonic implications. <i>Precambrian Research</i> , 2016, 276, 67-84.	2.7	39
63	Generation of felsic crust in the Archean: A geodynamic modeling perspective. <i>Precambrian Research</i> , 2015, 271, 198-224.	2.7	246
64	Are granites and granulites consanguineous?. <i>Geology</i> , 2015, 43, 991-994.	4.4	22
65	Decoding polyphase migmatites using geochronology and phase equilibria modelling. <i>Journal of Metamorphic Geology</i> , 2015, 33, 203-230.	3.4	54
66	Consequences of open-system melting in tectonics. <i>Journal of the Geological Society</i> , 2014, 171, 21-40.	2.1	114
67	Behaviour of zircon and monazite during crustal melting. <i>Journal of the Geological Society</i> , 2014, 171, 465-479.	2.1	225
68	Contrasting styles of Phanerozoic and Precambrian continental collision. <i>Gondwana Research</i> , 2014, 25, 522-545.	6.0	244
69	Delamination and recycling of Archaean crust caused by gravitational instabilities. <i>Nature Geoscience</i> , 2014, 7, 47-52.	12.9	358
70	Taking the temperature of Earth's hottest crust. <i>Earth and Planetary Science Letters</i> , 2014, 408, 341-354.	4.4	77
71	The contribution of metamorphic petrology to understanding lithosphere evolution and geodynamics. <i>Geoscience Frontiers</i> , 2014, 5, 553-569.	8.4	220
72	How long-lived is ultrahigh temperature (UHT) metamorphism? Constraints from zircon and monazite geochronology in the Eastern Ghats orogenic belt, India. <i>Precambrian Research</i> , 2013, 234, 322-350.	2.7	152

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73	Gondwana collision. <i>Mineralogy and Petrology</i> , 2013, 107, 631-634.	1.1	22
74	Osumilite-melt interactions in ultrahigh temperature granulites: phase equilibria modelling and implications for the evolution of the Eastern Ghats Province, India. <i>Journal of Metamorphic Geology</i> , 2013, 31, 881-907.	3.4	154
75	Granite: From genesis to emplacement. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 1079-1113.	3.3	464
76	Exhumation mechanisms of melt-bearing ultrahigh pressure crustal rocks during collision of spontaneously moving plates. <i>Journal of Metamorphic Geology</i> , 2012, 30, 927-955.	3.4	122
77	Archaean Intracrustal Differentiation from Partial Melting of Metagabbro-Field and Geochemical Evidence from the Central Region of the Lewisian Complex, NW Scotland. <i>Journal of Petrology</i> , 2012, 53, 2115-2138.	2.8	64
78	Introduction to a virtual special issue on crustal melting. <i>Journal of Metamorphic Geology</i> , 2012, 30, 453-456.	3.4	6
79	In situ monazite (U-Th)-Pb ages from the Southern Brasília Belt, Brazil: constraints on the high-temperature retrograde evolution of HP granulites. <i>Journal of Metamorphic Geology</i> , 2012, 30, 81-112.	3.4	57
80	Separating metamorphic events in the Fosdick migmatite-granite complex, West Antarctica. <i>Journal of Metamorphic Geology</i> , 2012, 30, 165-192.	3.4	35
81	Granulites, partial melting and the rheology of the lower crust. <i>Journal of Metamorphic Geology</i> , 2011, 29, 1-6.	3.4	14
82	New constraints on UHT metamorphism in the Eastern Ghats Province through the application of phase equilibria modelling and in situ geochronology. <i>Gondwana Research</i> , 2011, 20, 764-781.	6.0	101
83	Subduction styles in the Precambrian: Insight from numerical experiments. <i>Lithos</i> , 2010, 116, 209-229.	1.4	351
84	Paired metamorphic belts revisited. <i>Gondwana Research</i> , 2010, 18, 46-59.	6.0	139
85	Petrogenetic modelling of strongly residual metapelitic xenoliths within the southern Platreef, Bushveld Complex, South Africa. <i>Journal of Metamorphic Geology</i> , 2010, 28, 269-291.	3.4	19
86	On the importance of minding one's P's and T's: metamorphic processes and quantitative petrology. <i>Journal of Metamorphic Geology</i> , 2010, 28, 561-567.	3.4	0
87	⁴⁰ Ar/ ³⁹ Ar thermochronology of high-pressure granulite nappes in the southern Brasília Belt, Brazil: Implications for Nappe Exhumation. <i>Numerische Mathematik</i> , 2010, 310, 1294-1332.	1.4	8
88	The spatial and temporal patterning of the deep crust and implications for the process of melt extraction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 11-51.	3.4	69
89	Some Remarks on Melting and Extreme Metamorphism of Crustal Rocks. , 2009, , 67-87.		37
90	Eclogite-high-pressure granulite metamorphism records early collision in West Gondwana: new data from the Southern Brasília Belt, Brazil. <i>Journal of the Geological Society</i> , 2009, 166, 1013-1032.	2.1	59

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91	Age and duration of ultrahigh-temperature metamorphism in the Anápolis-Itaúçu Complex, Southern Brasília Belt, central Brazil – constraints from U–Pb geochronology, mineral rare earth element chemistry and trace-element thermometry. <i>Journal of Metamorphic Geology</i> , 2008, 26, 213-233.	3.4	94
92	Processes in granulite metamorphism. <i>Journal of Metamorphic Geology</i> , 2008, 26, 121-124.	3.4	8
93	First application of titanium-in-zircon thermometry to ultrahigh-temperature metamorphism. <i>Geology</i> , 2007, 35, 295.	4.4	86
94	Metamorphism, Plate Tectonics, and the Supercontinent Cycle. <i>Earth Science Frontiers</i> , 2007, 14, 1-18.	0.6	100
95	Metamorphic Conditions in Orogenic Belts: A Record of Secular Change. <i>International Geology Review</i> , 2007, 49, 193-234.	2.1	514
96	Duality of thermal regimes is the distinctive characteristic of plate tectonics since the Neoproterozoic. <i>Geology</i> , 2006, 34, 961.	4.4	430
97	Modelling of mineral equilibria in ultrahigh-temperature metamorphic rocks from the Anápolis-Itaúçu Complex, central Brazil. <i>Journal of Metamorphic Geology</i> , 2005, 23, 511-531.	3.4	162
98	Spinel-cordierite symplectites replacing andalusite: evidence for melt-assisted diapirism in the Bushveld Complex, South Africa. <i>Journal of Metamorphic Geology</i> , 2004, 22, 529-545.	3.4	59
99	The mechanism of melt extraction from lower continental crust of orogens. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 35-48.	0.3	59
100	Low-pressure subsolidus and suprasolidus phase equilibria in the MnNCKFMASH system: Constraints on conditions of regional metamorphism in western Maine, northern Appalachians. <i>American Mineralogist</i> , 2003, 88, 624-638.	1.9	81
101	Retrograde processes in migmatites and granulites revisited. <i>Journal of Metamorphic Geology</i> , 2002, 20, 25-40.	3.4	208
102	Metamorphic processes: a celebration of the career contribution of Ron Vernon. <i>Journal of Metamorphic Geology</i> , 2002, 20, 1-7.	3.4	26
103	Grain-scale melt distribution in two contact aureole rocks: implications for controls on melt localization and deformation. <i>Journal of Metamorphic Geology</i> , 2002, 20, 381-396.	3.4	89
104	From microscope to mountain belt: 150 years of petrology and its contribution to understanding geodynamics, particularly the tectonics of orogens. <i>Journal of Geodynamics</i> , 2001, 32, 115-164.	1.6	79
105	Rheology and geodynamic modelling: the next step forward. <i>International Journal of Earth Sciences</i> , 2001, 90, 149-156.	1.8	14
106	Orogeny, migmatites and leucogranites: A review. <i>Journal of Earth System Science</i> , 2001, 110, 313-336.	1.3	90
107	Regional granulite facies metamorphism in the Ivrea zone: Is the Mafic Complex the smoking gun or a red herring?. <i>Geology</i> , 1999, 27, 447.	4.4	77
108	The mechanism of ascent and emplacement of granite magma during transpression: a syntectonic granite paradigm. <i>Tectonophysics</i> , 1999, 312, 1-33.	2.2	194

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109	Partners in life and in death: the suicide pact in England and Wales 1988-1992. <i>Psychological Medicine</i> , 1999, 29, 1299-1306.	4.5	36
110	Topology of syntectonic melt-flow networks in the deep crust; inferences from three-dimensional images of leucosome geometry in migmatites. <i>American Mineralogist</i> , 1999, 84, 1793-1818.	1.9	89
111	Unpairing metamorphic belts: Paths and a tectonic model for the Ryoke Belt, southwest Japan. <i>Journal of Metamorphic Geology</i> , 1998, 16, 3-22.	3.4	130
112	Ultra-high-temperature metamorphism and multistage decompressional evolution of sapphirine granulites from the Palni Hill Ranges, southern India. <i>Journal of Metamorphic Geology</i> , 1997, 15, 379-399.	3.4	196
113	Epidemiology of suicide pacts in England and Wales, 1988-92. <i>BMJ: British Medical Journal</i> , 1997, 315, 286-287.	2.3	44
114	Microstructure, metamorphism, thermochronology and deformation history of the Port aux Basques gneisses, southwest Newfoundland, Canada*. <i>Journal of Metamorphic Geology</i> , 1995, 13, 751-776.	3.4	10
115	Evolution of orogenic belts and the causes of regional metamorphism. <i>Geological Society Memoir</i> , 1995, 16, 67-81.	1.7	2
116	Weight-bearing effects on skeletal muscle during and after simulated bed rest. <i>Archives of Physical Medicine and Rehabilitation</i> , 1995, 76, 541-546.	0.9	21
117	Litigation in Residency Training Programs and Suggested Due Process Guidelines for Residents in Trouble. <i>Academic Psychiatry</i> , 1994, 18, 119-128.	0.9	2
118	Variable Variscan thermal rejuvenation in the St Malo region, Cadomian Orogen, France: evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ mineral ages. <i>Journal of Metamorphic Geology</i> , 1993, 11, 137-154.	3.4	8
119	Evolution of orogenic belts and the causes of regional metamorphism. <i>Journal of the Geological Society</i> , 1993, 150, 227-241.	2.1	216
120	Sm-Nd isotope characteristics of late Cadomian granite magmatism in northern France and the Channel Islands. <i>Geological Magazine</i> , 1993, 130, 797-804.	1.5	46
121	Resistance Exercise Effects on Aging Skeletal Muscle in Rats. <i>Physical Therapy</i> , 1989, 69, 46-53.	2.4	18