

Eleanor C R Green

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,678
citations

567281
15
h-index

794594
19
g-index

25
all docs

25
docs citations

25
times ranked

1589
citing authors

#	ARTICLE	IF	CITATIONS
1	A thermodynamic model for feldspars in $\text{KAlSi}_3\text{O}_8\text{--NaAlSi}_3\text{O}_8\text{--CaAl}_2\text{Si}_2\text{O}_8$ for mineral equilibrium calculations. <i>Journal of Metamorphic Geology</i> , 2022, 40, 587-600.	3.4	14
2	MAGEMin, an Efficient Gibbs Energy Minimizer: Application to Igneous Systems. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	9
3	Robust isochron calculation. <i>Geochronology</i> , 2020, 2, 325-342.	2.5	21
4	The truth and beauty of chemical potentials. <i>Journal of Metamorphic Geology</i> , 2019, 37, 1007-1019.	3.4	17
5	Bulk properties and near-critical behaviour of SiO_2 fluid. <i>Earth and Planetary Science Letters</i> , 2018, 491, 11-20.	4.4	10
6	On equilibrium in non-hydrostatic metamorphic systems. <i>Journal of Metamorphic Geology</i> , 2018, 36, 419-438.	3.4	28
7	Melting of Peridotites through to Granites: A Simple Thermodynamic Model in the System KNCFMASHTOCr . <i>Journal of Petrology</i> , 2018, 59, 881-900.	2.8	139
8	Metamorphic Reactions and Processes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1-12.	0.1	0
9	Metamorphic Reactions and Processes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 906-917.	0.1	1
10	High-grade metamorphism and partial melting in Archean composite grey gneiss complexes. <i>Journal of Metamorphic Geology</i> , 2017, 35, 181-195.	3.4	57
11	Multiple-reaction geobarometry for olivine-bearing igneous rocks. <i>American Mineralogist</i> , 2017, 102, 2349-2366.	1.9	18
12	High-grade metamorphism and partial melting of basic and intermediate rocks. <i>Journal of Metamorphic Geology</i> , 2016, 34, 871-892.	3.4	174
13	Activity–composition relations for the calculation of partial melting equilibria in metabasic rocks. <i>Journal of Metamorphic Geology</i> , 2016, 34, 845-869.	3.4	581
14	Partial melting of metabasic rocks and the generation of tonalitic–trondhjemitic–granodioritic (TTG) crust in the Archaean: Constraints from phase equilibrium modelling. <i>Precambrian Research</i> , 2016, 287, 73-90.	2.7	141
15	Hydrous Phase Relations and Trace Element Partitioning Behaviour in Calcareous Sediments at Subduction-Zone Conditions. <i>Journal of Petrology</i> , 2015, 56, 953-980.	2.8	70
16	On parameterizing thermodynamic descriptions of minerals for petrological calculations. <i>Journal of Metamorphic Geology</i> , 2014, 32, 245-260.	3.4	61
17	New mineral activity–composition relations for thermodynamic calculations in metapelitic systems. <i>Journal of Metamorphic Geology</i> , 2014, 32, 261-286.	3.4	821
18	Garnet and spinel lherzolite assemblages in $\text{MgO--Al}_2\text{O}_3\text{--SiO}_2$ and $\text{CaO--MgO--Al}_2\text{O}_3\text{--SiO}_2$: thermodynamic models and an experimental conflict. <i>Journal of Metamorphic Geology</i> , 2012, 30, 561-577.	3.4	27

#	ARTICLE	IF	CITATIONS
19	A thermodynamic model for silicate melt in $\text{CaO}-\text{MgO}-\text{Al}_2\text{O}_3-\text{SiO}_2$ to 50 kbar and 1800°C. Journal of Metamorphic Geology, 2012, 30, 579-597.	3.4	17
20	An order-disorder model for omphacitic pyroxenes in the system jadeite-diopside-hedenbergite-acmite, with applications to eclogitic rocks. American Mineralogist, 2007, 92, 1181-1189.	1.9	472