

# 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	New mineral activity–composition relations for thermodynamic calculations in metapelitic systems. <i>Journal of Metamorphic Geology</i> , 2014, 32, 261-286.	3.4	821
2	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
3	An order-disorder model for omphacitic pyroxenes in the system jadeite-diopside-hedenbergite-acmite, with applications to eclogitic rocks. <i>American Mineralogist</i> , 2007, 92, 1181-1189.	1.9	472
4	High-grade metamorphism and partial melting of basic and intermediate rocks. <i>Journal of Metamorphic Geology</i> , 2016, 34, 871-892.	3.4	174
5	Partial melting of metabasic rocks and the generation of tonalitic–trondhjemitic–granodioritic (TTC) crust in the Archaean: Constraints from phase equilibrium modelling. <i>Precambrian Research</i> , 2016, 287, 73-90.	2.7	141
6	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
7	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
8	On parameterizing thermodynamic descriptions of minerals for petrological calculations. <i>Journal of Metamorphic Geology</i> , 2014, 32, 245-260.	3.4	61
9	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
10	On equilibrium in non-hydrostatic metamorphic systems. <i>Journal of Metamorphic Geology</i> , 2018, 36, 419-438.	3.4	28
11	Garnet and spinel lherzolite assemblages in MgO–Al <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> and CaO–MgO–Al <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> : thermodynamic models and an experimental conflict. <i>Journal of Metamorphic Geology</i> , 2012, 30, 561-577.	3.4	27
12	Robust isochron calculation. <i>Geochronology</i> , 2020, 2, 325-342.	2.5	21
13	Multiple-reaction geobarometry for olivine-bearing igneous rocks. <i>American Mineralogist</i> , 2017, 102, 2349-2366.	1.9	18
14	A thermodynamic model for silicate melt in CaO–MgO–Al <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> to 50 kbar and 1800 °C. <i>Journal of Metamorphic Geology</i> , 2012, 30, 579-597.	3.4	17
15	The truth and beauty of chemical potentials. <i>Journal of Metamorphic Geology</i> , 2019, 37, 1007-1019.	3.4	17
16	A thermodynamic model for feldspars in KAlSi <sub>3</sub> O <sub>8</sub> –NaAlSi <sub>3</sub> O <sub>8</sub> –CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> for mineral equilibrium calculations. <i>Journal of Metamorphic Geology</i> , 2022, 40, 587-600.	3.4	14
17	Bulk properties and near-critical behaviour of SiO <sub>2</sub> fluid. <i>Earth and Planetary Science Letters</i> , 2018, 491, 11-20.	4.4	10
18	MAGEMin, an Efficient Gibbs Energy Minimizer: Application to Igneous Systems. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	9

#	ARTICLE	IF	CITATIONS
19	Metamorphic Reactions and Processes. Encyclopedia of Earth Sciences Series, 2018, , 906-917.	0.1	1
20	Metamorphic Reactions and Processes. Encyclopedia of Earth Sciences Series, 2018, , 1-12.	0.1	0