

# George Amulele

## List of Publications by Year in descending order

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15  
papers

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citations

1170033

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times ranked

489  
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#	ARTICLE	IF	CITATIONS
1	The electrical conductivity of albite feldspar: Implications for oceanic lower crustal sequences and subduction zones. <i>American Mineralogist</i> , 2022, 107, 614-624.	0.9	3
2	Density of Fe-Ni-C Liquids at High Pressures and Implications for Liquid Cores of Earth and the Moon. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021089.	1.4	5
3	Melting of Bridgmanite Under Hydrous Shallow Lower Mantle Conditions. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022222.	1.4	7
4	Density of Fe-Ni-C Liquids at High Pressures and Implications to Liquid Cores of Earth and Moon. , 2020, , .		0
5	Shear deformation of bridgmanite and magnesiowüstite aggregates at lower mantle conditions. <i>Science</i> , 2016, 351, 144-147.	6.0	121
6	Volume thermal expansion along the jadeite-diopside join. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 1-14.	0.3	25
7	High-pressure and high-temperature deformation experiments on polycrystalline wadsleyite using the rotational Drickamer apparatus. <i>Physics and Chemistry of Minerals</i> , 2015, 42, 541-558.	0.3	17
8	Plastic anisotropy and slip systems in ringwoodite deformed to high shear strain in the Rotational Drickamer Apparatus. <i>Physics of the Earth and Planetary Interiors</i> , 2014, 228, 244-253.	0.7	22
9	Compressibility and structural stability of two variably hydrated olivine samples (Fo <sub>97</sub> Fa <sub>3</sub> ) to 34 GPa by X-ray diffraction and Raman spectroscopy. <i>American Mineralogist</i> , 2013, 98, 1972-1979.	0.9	10
10	Plastic deformation experiments to high strain on mantle transition zone minerals wadsleyite and ringwoodite in the rotational Drickamer apparatus. <i>Earth and Planetary Science Letters</i> , 2013, 361, 7-15.	1.8	27
11	Elastic and inelastic behavior of graphitic C <sub>3</sub> N <sub>4</sub> under high pressure. <i>Chemical Physics Letters</i> , 2013, 575, 67-70.	1.2	12
12	Efficient graphite ring heater suitable for diamond-anvil cells to 1300 K. <i>Review of Scientific Instruments</i> , 2013, 84, 024502.	0.6	27
13	Laser generation and detection of longitudinal and shear acoustic waves in a diamond anvil cell. <i>Applied Physics Letters</i> , 2008, 93, 181905.	1.5	34
14	Imaging of surface phonons on a sphere. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 2979-2982.	0.8	2
15	Wave propagation in an anisotropic nickel-based superalloy. <i>Ultrasonics</i> , 2000, 38, 252-255.	2.1	6