

Joshua M Garber

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synchronous formation of the metamorphic sole and igneous crust of the Semail ophiolite: New constraints on the tectonic evolution during ophiolite formation from high-precision U–Pb zircon geochronology. <i>Earth and Planetary Science Letters</i> , 2016, 451, 185-195.	1.8	154
2	Multidisciplinary Constraints on the Abundance of Diamond and Eclogite in the Cratonic Lithosphere. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2062-2086.	1.0	49
3	Active crustal differentiation beneath the Rio Grande Rift. <i>Nature Geoscience</i> , 2020, 13, 758-763.	5.4	30
4	Petrochronology of Wadi Tayin Metamorphic Sole Metasediment, With Implications for the Thermal and Tectonic Evolution of the Samail Ophiolite (Oman/UAE). <i>Tectonics</i> , 2020, 39, e2020TC006135.	1.3	24
5	Ultramafic Carbonated Melt- and Auto- Metasomatism in Mantle Eclogites: Compositional Effects and Geophysical Consequences. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008774.	1.0	24
6	High- Precision U–Pb Zircon Dating of Late Magmatism in the Samail Ophiolite: A Record of Subduction Initiation. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020758.	1.4	22
7	Linking titanite U–Pb dates to coupled deformation and dissolution–reprecipitation. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	1.2	22
8	Decoupling of zircon U–Pb and trace-element systematics driven by U diffusion in eclogite-facies zircon (Monviso meta-ophiolite, W. Alps). <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	17
9	The Origin of Felsic Intrusions Within the Mantle Section of the Samail Ophiolite: Geochemical Evidence for Three Distinct Mixing and Fractionation Trends. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020760.	1.4	14
10	An Exhumation Pulse From the Nascent Franciscan Subduction Zone (California, USA). <i>Tectonics</i> , 2020, 39, e2020TC006305.	1.3	13
11	Crustal shortening, exhumation, and strain localization in a collisional orogen: The Bajo Pequeño Shear Zone, Sierra de Pie de Palo, Argentina. <i>Tectonics</i> , 2014, 33, 1277-1303.	1.3	11
12	One line on the map: A review of the geological history of the Semail Thrust, Oman-UAE mountains. <i>Journal of Structural Geology</i> , 2022, 158, 104594.	1.0	10
13	Dating Continental Subduction Beneath the Samail Ophiolite: Garnet, Zircon, and Rutile Petrochronology of the As Sifah Eclogites, NE Oman. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022715.	1.4	9
14	Assembly and Tectonic Evolution of Continental Lower Crust: Monazite Petrochronology of the Ivrea–Verbano Zone (Val Strona di Omegna). <i>Tectonics</i> , 2022, 41, .	1.3	5