# Matthew Agius

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3650362/publications.pdf

Version: 2024-02-01

| 20 | 480 | 759233 12 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 546 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A thin mantle transition zone beneath the equatorial Mid-Atlantic Ridge. Nature, 2021, 589, 562-566. | 27.8 | 24 |
| 2 | A First National Seismic Network for the Maltese Islandsâ€"The Malta Seismic Network. Seismological Research Letters, 2021, 92, 1817-1831. | 1.9 | 4 |
| 3 | Optimal resolution tomography with error tracking and the structure of the crust and upper mantle beneath Ireland and Britain. Geophysical Journal International, 2021, 226, 2158-2188. | 2.4 | 10 |
| 4 | A dynamic lithosphereâ€"asthenosphere boundary near the equatorial Mid-Atlantic Ridge. Earth and Planetary Science Letters, 2021, 566, 116949. | 4.4 | 35 |
| 5 | Evidence for melt leakage from the Hawaiian plume above the mantle transition zone. Physics of the Earth and Planetary Interiors, 2021, 321, 106813. | 1.9 | 2 |
| 6 | Evolution of the Oceanic Lithosphere in the Equatorial Atlantic From Rayleigh Wave Tomography, Evidence for Smallâ€Scale Convection From the Plâ€LAB Experiment. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009174. | 2.5 | 29 |
| 7 | Analysis of Online News Coverage on Earthquakes Through Text Mining. Frontiers in Earth Science, 2020, 8, . | 1.8 | 4 |
| 8 | An instrumental earthquake catalogue for the offshore Maltese islands region, 1995â€"2014. Annals of Geophysics, 2020, 63, . | 1.0 | 2 |
| 9 | Analysis of working fluids applicable in Enhanced Geothermal Systems: Nitrous oxide as an alternative working fluid. Energy, 2018, 157, 150-161. | 8.8 | 21 |
| 10 | Marine Geophysical Investigation of the Chain Fracture Zone in the Equatorial Atlantic From the Plâ€LAB Experiment. Journal of Geophysical Research: Solid Earth, 2018, 123, 11016-11030. | 3.4 | 26 |
| 11 | Sediment Characterization at the Equatorial Midâ€Atlantic Ridge From Pâ€toâ€S Teleseismic Phase Conversions Recorded on the Plâ€LAB Experiment. Geophysical Research Letters, 2018, 45, 12244-12252. | 4.0 | 28 |
| 12 | Getting Started with GMT: An Introduction for Seismologists. Springer Natural Hazards, 2018, , 691-723. | 0.3 | 3 |
| 13 | Complex, multilayered azimuthal anisotropy beneath Tibet: evidence for co-existing channel flow and pure-shear crustal thickening. Geophysical Journal International, 2017, 210, 1823-1844. | 2.4 | 31 |
| 14 | Mapping the mantle transition zone beneath Hawaii from Ps receiver functions: Evidence for a hot plume and cold mantle downwellings. Earth and Planetary Science Letters, 2017, 474, 226-236. | 4.4 | 33 |
| 15 | The Easter Sunday 2011 Earthquake Swarm Offshore Malta: Analysis on Felt Reports. , 2016, , 631-645. | | 6 |
| 16 | Shear-velocity structure, radial anisotropy and dynamics of the Tibetan crust. Geophysical Journal International, 2014, 199, 1395-1415. | 2.4 | 48 |
| 17 | Integrated geophysical-petrological modeling of lithosphere-asthenosphere boundary in central Tibet using electromagnetic and seismic data. Geochemistry, Geophysics, Geosystems, 2014, 15, 3965-3988. | 2.5 | 40 |
| 18 | Tibetan and Indian lithospheres in the upper mantle beneath Tibet: Evidence from broadband surfaceâ€wave dispersion. Geochemistry, Geophysics, Geosystems, 2013, 14, 4260-4281. | 2.5 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Lithospheric structure in the Baikalâ€“central Mongolia region from integrated geophysicalâ€petrological inversion of surfaceâ€wave data and topographic elevation. Geochemistry, Geophysics, Geosystems, 2012, 13, . | 2.5 | 53 |
| 20 | A Single-Station Automated Earthquake Location System at Wied Dalam Station, Malta. Seismological Research Letters, 2011, 82, 545-559. | 1.9 | 12 |