# Abhijit Basu

List of Publications by Year
in descending order



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|---|---|---|---|
| 33 papers | 1,636 citations | 393982 19 h-index | 454577 30 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 1337 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | â€œTowards resolving the â€˜jigsaw puzzleâ€™ and age-fossil inconsistency within east Gondwanaâ€: A comment. Precambrian Research, 2021, 352, 105881. | 1.2 | 6 |
| 2 | The â€œLower Kaimur Porcellaniteâ€•(Vindhyan Supergroup) is of Sedimentary Origin and not Tuff. Journal of the Geological Society of India, 2020, 95, 17-24. | 0.5 | 0 |
| 3 | Disintegration of lunar samples over time: A test. Meteoritics and Planetary Science, 2018, 53, 1096-1103. | 0.7 | 3 |
| 4 | U-Pb Age and Chemical Composition of an Ash Bed in the Chopan Porcellanite Formation, Vindhyan Supergroup, India. Journal of Geology, 2018, 126, 553-560. | 0.7 | 21 |
| 5 | U-Pb Age and Hf Isotopic Compositions of Magmatic Zircons from a Rhyolite Flow in the Porcellanite Formation in the Vindhyan Supergroup, Son Valley (India): Implications for Its Tectonic Significance. Journal of Geology, 2017, 125, 367-379. | 0.7 | 43 |
| 6 | Evolution of Siliciclastic Provenance Inquiries. , 2017, , 5-23. | | 11 |
| 7 | Inferring tectonic provenance of siliciclastic rocks from their chemical compositions: A dissent. Sedimentary Geology, 2016, 336, 26-35. | 1.0 | 65 |
| 8 | Deformation and metamorphism of a schistose terrane accreted with the Proterozoic Pakhal sequence of Godavari valley near Kothagudem, Andhra Pradesh. Journal of the Geological Society of India, 2015, 85, 627-631. | 0.5 | 2 |
| 9 | An alternate perspective on the opening and closing of the intracratonic Purana basins in peninsular India. Journal of the Geological Society of India, 2015, 85, 5-25. | 0.5 | 48 |
| 10 | Petrogenesis of 1000 Ma Felsic Tuffs, Chhattisgarh and Indravati Basins, Bastar Craton, India: Geochemical and Hf Isotope Constraints. Journal of Geology, 2014, 122, 43-54. | 0.7 | 18 |
| 11 | Contributions of zircon Uâ€“Pb geochronology to understanding the volcanic and sedimentary history of some PurÄna basins, India. Journal of Asian Earth Sciences, 2014, 91, 252-262. | 1.0 | 28 |
| 12 | New U-Pb ages of zircons in the Owk Shale (Kurnool Group) with reflections on proterozoic porcellanites in India. Journal of the Geological Society of India, 2013, 82, 207-216. | 0.5 | 21 |
| 13 | Implications of a Newly Dated ca. 1000-Ma Rhyolitic Tuff in the Indravati Basin, Bastar Craton, India. Journal of Geology, 2012, 120, 477-485. | 0.7 | 35 |
| 14 | Depositional History of the Chhattisgarh Basin, Central India: Constraints from New SHRIMP Zircon Ages. Journal of Geology, 2011, 119, 33-50. | 0.7 | 83 |
| 15 | â€œSHRIMP geochronology for the 1450Ma Lakhna dyke swarm: Its implication for the presence of Eoarchaean crust in the Bastar Craton and 1450â€“517Ma depositional age for Purana basin (Khariar), Eastern Indian Peninsulaâ€: Comment. Journal of Asian Earth Sciences, 2011, 42, 1440-1441. | 1.0 | 1 |
| 16 | New U-Pb SHRIMP Zircon Ages of the Dhamda Tuff in the Mesoproterozoic Chhattisgarh Basin, Peninsular India: Stratigraphic Implications and Significance of a 1-Ga Thermal-Magmatic Event. Journal of Geology, 2011, 119, 535-548. | 0.7 | 59 |
| 17 | Almandine garnet phenocrysts in a ~1 Ga rhyolitic tuff from central India. Geological Magazine, 2009, 146, 133-143. | 0.9 | 21 |
| 18 | Ediacaran fossils in Meso- and Paleoproterozoic rocks in peninsular India extend Darwin. Journal of the Geological Society of India, 2009, 73, 528-536. | 0.5 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Stratigraphic position of the âˆ¼1000Ma Sukhda Tuff (Chhattisgarh Supergroup, India) and the 500Ma question. Precambrian Research, 2008, 167, 383-388. | 1.2 | 40 |
| 20 | SHRIMP Ages of Zircon in the Uppermost Tuff in Chattisgarh Basin in Central India Require âˆ¼500â€Ma Adjustment in Indian Proterozoic Stratigraphy. Journal of Geology, 2007, 115, 407-415. | 0.7 | 138 |
| 21 | Trace element and Nd-isotopic evidence for sediment sources in the mid-Proterozoic Vindhyan Basin, central India. Precambrian Research, 2007, 159, 260-274. | 1.2 | 99 |
| 22 | A statistical approach to estimate the 3D size distribution of spheres from 2D size distributions. Bulletin of the Geological Society of America, 2005, 117, 244. | 1.6 | 79 |
| 23 | Heterogeneous agglutinitic glass and the fusion of the finest fraction (F<sup>3</sup>) model. Meteoritics and Planetary Science, 2002, 37, 1835-1842. | 0.7 | 15 |
| 24 | Submillimeter grainâ€size distribution of Apollo 11 soil 10084. Meteoritics and Planetary Science, 2001, 36, 177-181. | 0.7 | 22 |
| 25 | Sediments Of The Moon And Earth As End-Members For Comparative Planetology. Earth, Moon and Planets, 1999, 85/86, 25-43. | 0.3 | 4 |
| 26 | A Laboratory Exercise on Cratering in a Geology Course for Non-Science Majors. Journal of Geoscience Education, 1998, 46, 164-168. | 0.8 | 0 |
| 27 | Anatomy of individual agglutinates from a lunar highland soil. Meteoritics and Planetary Science, 1996, 31, 777-782. | 0.7 | 7 |
| 28 | Optical effects of space weathering: The role of the finest fraction. Journal of Geophysical Research, 1993, 98, 20817-20824. | 3.3 | 288 |
| 29 | Geochemical signature of provenance in sand-size material in soils and stream sediments near the Tobacco Root batholith, Montana, U.S.A.. Chemical Geology, 1988, 70, 335-348. | 1.4 | 370 |
| 30 | The effect of grain size on detrital modes; a test of the Gazzi-Dickinson point-counting method; discussion and reply. Journal of Sedimentary Research, 1985, 55, 616-618. | 0.8 | 58 |
| 31 | Chemical variability and origin of agglutinitic glass. Journal of Geophysical Research, 1985, 90, 87-94. | 3.3 | 8 |
| 32 | The production curve for agglutinates in planetary regoliths. Journal of Geophysical Research, 1983, 88, B193. | 3.3 | 26 |
| 33 | Integrated investigation of the mixed origin of lunar sample 72161,11. The Moon, 1975, 14, 129-138. | 0.4 | 8 |