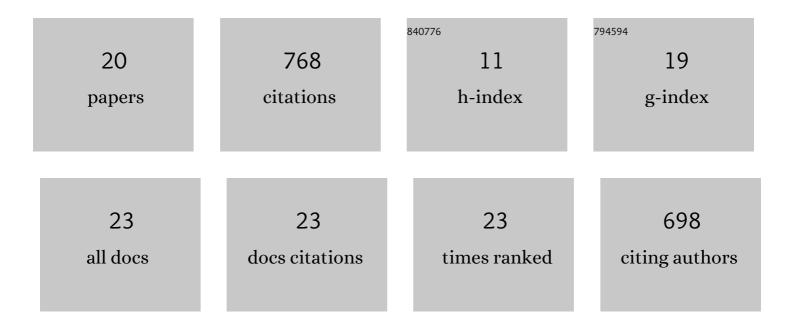
Santu Das

List of Publications by Year in descending order

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SANTH DAS

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The effect of compressed ice-shelf on acoustic-gravity wave propagation in a compressible ocean having elastic bottom. Wave Motion, 2022, 110, 102897. | 2.0 | 1 |
| 2 | Blocking dynamics of capillary-gravity waves in a two-layer fluid in the presence of surface and interfacial tensions. Meccanica, 2022, 57, 1307-1335. | 2.0 | 6 |
| 3 | Scattering of flexural-gravity waves due to a crack in a floating ice sheet in a two-layer fluid in the context of blocking dynamics. Physics of Fluids, 2022, 34, . | 4.0 | 8 |
| 4 | Scattering of flexural-gravity waves by a crack in a floating ice sheet due to mode conversion during blocking. Journal of Fluid Mechanics, 2021, 916, . | 3.4 | 22 |
| 5 | Reflection and damping of linear water waves by a multi-porosity vertical porous structure placed on a step-type raised seabed. Marine Systems and Ocean Technology, 2021, 16, 142-156. | 1.0 | 2 |
| 6 | A transit through the trapping and blocking of flexural-gravity wave: Impact of two-dimensional current and in-plane compression. Physics of Fluids, 2021, 33, . | 4.0 | 5 |
| 7 | An investigation of the properties of flexural-gravity wave propagation in a coupled submerged and floating plate system. European Journal of Mechanics, B/Fluids, 2020, 82, 123-134. | 2.5 | 7 |
| 8 | Wave propagation through mangrove forests in the presence of a viscoelastic bed. Wave Motion, 2018, 78, 162-175. | 2.0 | 6 |
| 9 | Oblique water wave damping by two submerged thin vertical porous plates of different heights. Computational and Applied Mathematics, 2018, 37, 3759-3779. | 1.3 | 27 |
| 10 | Dynamics of flexural gravity waves: from sea ice to Hawking radiation and analogue gravity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170223. | 2.1 | 39 |
| 11 | Flexural-gravity wave motion in the presence of shear current: Wave blocking and negative energy waves. Physics of Fluids, 2018, 30, . | 4.0 | 39 |
| 12 | Flexural-gravity wave dynamics in two-layer fluid: blocking and dead water analogue. Journal of Fluid Mechanics, 2018, 854, 121-145. | 3.4 | 43 |
| 13 | Hydroelastic analysis of very large floating structure over viscoelastic bed. Meccanica, 2017, 52, 1871-1887. | 2.0 | 11 |
| 14 | Flexural gravity wave motion over poroelastic bed. Wave Motion, 2016, 63, 135-148. | 2.0 | 12 |
| 15 | Damping of oblique ocean waves by a vertical porous structure placed on a multi-step bottom. Journal of Marine Science and Application, 2014, 13, 362-376. | 1.7 | 13 |
| 16 | Wave damping by a vertical porous structure placed near and away from a rigid vertical wall. Geophysical and Astrophysical Fluid Dynamics, 2014, 108, 147-167. | 1.2 | 12 |
| 17 | Reflection of oblique ocean water waves by a vertical rectangular porous structure placed on an elevated horizontal bottom. Ocean Engineering, 2014, 82, 135-143. | 4.3 | 32 |
| 18 | Reflection of oblique ocean water waves by a vertical porous structure placed on a multi-step impermeable bottom. Applied Ocean Research, 2014, 47, 373-385. | 4.1 | 24 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Mangroves protected villages and reduced death toll during Indian super cyclone. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7357-7360. | 7.1 | 454 |
| 20 | Flexural-gravity wave dissipation under strong compression and ocean current near blocking point. Waves in Random and Complex Media, 0, , 1-25. | 2.7 | 5 |