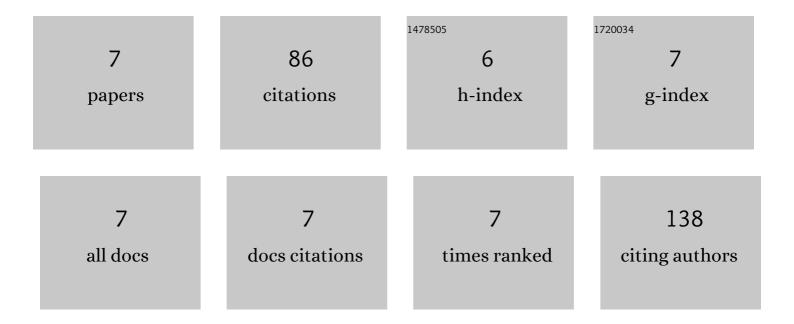
## Ashraf Idkaidek

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3083898/publications.pdf

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| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | High-Performance Computing Comparison of Implicit and Explicit Nonlinear Finite Element<br>Simulations of Trabecular Bone. Computer Methods and Programs in Biomedicine, 2021, 200, 105870. | 4.7 | 8         |
| 2 | Modeling of bending and torsional stiffnesses of bone at sub-microscale: Effect of curved mineral<br>lamellae. Journal of Biomechanics, 2021, 123, 110531.                                  | 2.1 | 6         |
| 3 | Modeling of Osteoprobe indentation on bone. Journal of the Mechanical Behavior of Biomedical<br>Materials, 2019, 90, 365-373.   | 3.1 | 10        |
| 4 | Fracture analysis of multi-osteon cortical bone using XFEM. Computational Mechanics, 2018, 62, 171-184.   | 4.0 | 14        |
| 5 | Cortical bone fracture analysis using XFEM – case study. International Journal for Numerical<br>Methods in Biomedical Engineering, 2017, 33, e2809.   | 2.1 | 25        |
| 6 | Finite element simulation of Reference Point Indentation on bone. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 65, 574-583.  | 3.1 | 7         |
| 7 | Toward high-speed 3D nonlinear soft tissue deformation simulations using Abaqus software. Journal of Robotic Surgery, 2015, 9, 299-310.   | 1.8 | 16        |