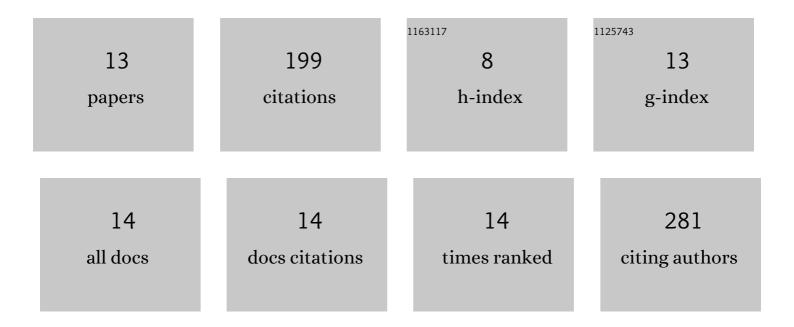
## IstvÃ;n HornyÃ;k

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Biological and Mechanical Properties of Platelet-Rich Fibrin Membranes after Thermal Manipulation<br>and Preparation in a Single-Syringe Closed System. International Journal of Molecular Sciences, 2018,<br>19, 3433.  | 4.1 | 45        |
| 2  | Serum albumin coating of demineralized bone matrix results in stronger new bone formation. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 126-132.                                   | 3.4 | 39        |
| 3  | Current Developments in the Therapeutic Potential of S-Nitrosoglutathione, an Endogenous<br>NO-Donor Molecule. Current Pharmaceutical Biotechnology, 2011, 12, 1368-1374.  | 1.6 | 22        |
| 4  | Increased stability of S-nitrosothiol solutions via pH modulations. Free Radical Research, 2012, 46, 214-225.  | 3.3 | 15        |
| 5  | Remineralization of demineralized bone matrix in critical size cranial defects in rats: A 6â€month<br>followâ€up study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104,<br>1336-1342. | 3.4 | 14        |
| 6  | Increased Release Time of Antibiotics from Bone Allografts through a Novel Biodegradable Coating.<br>BioMed Research International, 2014, 2014, 1-8.   | 1.9 | 13        |
| 7  | Early Transfusion of Convalescent Plasma Improves the Clinical Outcome in Severe SARS-CoV2<br>Infection. Infectious Diseases and Therapy, 2022, 11, 293-304.   | 4.0 | 11        |
| 8  | Hyperacute serum has markedly better regenerative efficacy than platelet-rich plasma in a human bone oxygen–glucose deprivation model. Regenerative Medicine, 2018, 13, 531-543.   | 1.7 | 10        |
| 9  | Crosslinked Hyaluronic Acid Gels with Blood-Derived Protein Components for Soft Tissue<br>Regeneration. Tissue Engineering - Part A, 2020, 27, 806-820.  | 3.1 | 10        |
| 10 | A Pilot Clinical Study of Hyperacute Serum Treatment in Osteoarthritic Knee Joint: Cytokine Changes and Clinical Effects. Current Issues in Molecular Biology, 2021, 43, 637-649.  | 2.4 | 8         |
| 11 | A Practical Guide to Class IIa Medical Device Development. Applied Sciences (Switzerland), 2020, 10, 3638.   | 2.5 | 5         |
| 12 | Overview of Tissue Engineering Patent Strategies and Patents from 2010 to 2020, Including Outcomes.<br>Tissue Engineering - Part B: Reviews, 2022, 28, 626-632.  | 4.8 | 5         |
| 13 | Cell Attachment Capacity and Compounds of Fibrin Membranes Isolated from Fresh Frozen Plasma and<br>Cryoprecipitate. Membranes, 2021, 11, 783.   | 3.0 | 2         |