

Gion Fessel

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

516
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-specific cancer risk following cobalt exposure via orthopedic implants or in occupational settings: A systematic review and meta-analysis. Regulatory Toxicology and Pharmacology, 2022, 129, 105096.	2.7	7
2	Carcinogenic assessment of cobalt-containing alloys in medical devices or cobalt in occupational settings: A systematic review and meta-analysis of overall cancer risk from published epidemiologic studies. Regulatory Toxicology and Pharmacology, 2021, 125, 104987.	2.7	9
3	An integrated benefit-risk assessment of cobalt-containing alloys used in medical devices: Implications for regulatory requirements in the European Union. Regulatory Toxicology and Pharmacology, 2021, 125, 105004.	2.7	6
4	Discrepancy of Trial Rasp and Femoral Stem Relative Position Within the Femoral Canal of a Coated Tapered System: An Intraoperative, Inpatient Controlled Study. Arthroplasty Today, 2020, 6, 819-824.	1.6	1
5	Biomechanical comparison of two biplanar and one monoplane reconstruction techniques of the acromioclavicular joint. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 779-786.	2.4	16
6	Tissue composition regulates distinct viscoelastic responses in auricular and articular cartilage. Journal of Biomechanics, 2016, 49, 344-352.	2.1	41
7	Rabbit Achilles tendon full transection model “ wound healing, adhesion formation and biomechanics at 3, 6 and 12 weeks post-surgery. Biology Open, 2016, 5, 1324-1333.	1.2	19
8	Advanced Glycation End-Products Reduce Collagen Molecular Sliding to Affect Collagen Fibril Damage Mechanisms but Not Stiffness. PLoS ONE, 2014, 9, e110948.	2.5	113
9	Dose- and time-dependent effects of genipin crosslinking on cell viability and tissue mechanics “ Toward clinical application for tendon repair. Acta Biomaterialia, 2014, 10, 1897-1906.	8.3	105
10	Potential of collagen cross-linking therapies to mediate tendon mechanical properties. Journal of Shoulder and Elbow Surgery, 2012, 21, 209-217.	2.6	50
11	Exogenous collagen cross-linking recovers tendon functional integrity in an experimental model of partial tear. Journal of Orthopaedic Research, 2012, 30, 973-981.	2.3	40
12	Small hook thread (Quill) and soft felt internal splint to increase the primary repair strength of lacerated rabbit Achilles tendons: Biomechanical analysis and considerations for hand surgery. Clinical Biomechanics, 2011, 26, 626-631.	1.2	12
13	Equivalent stiffness after glycosaminoglycan depletion in tendon “ an ultra-structural finite element model and corresponding experiments. Journal of Theoretical Biology, 2011, 268, 77-83.	1.7	96