

# Pieter-Paul A Vergroesen

## List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Are axial intervertebral disc biomechanics determined by osmosis?. Journal of Biomechanics, 2018, 70, 4-9.	0.9	33
2	Identifying subsets of patients with single-level degenerative disc disease for lumbar fusion: the value of prognostic tests in surgical decision making. Spine Journal, 2018, 18, 558-566.	0.6	20
3	Osteoarthritis and intervertebral disc degeneration: Quite different, quite similar. JOR Spine, 2018, 1, e1033.	1.5	55
4	Early changes in the extracellular matrix of the degenerating intervertebral disc, assessed by Fourier transform infrared imaging. Osteoarthritis and Cartilage, 2018, 26, 1400-1408.	0.6	13
5	Changes in Intervertebral Disk Mechanical Behavior During Early Degeneration. Journal of Biomechanical Engineering, 2018, 140, .	0.6	11
6	Authors' Reply to Wang: "On Magnetic Resonance Imaging of Intervertebral Disc Ageing". Sports Medicine, 2017, 47, 189-191.	3.1	0
7	Intradiscal pressure measurements: A challenge or a routine?. Journal of Biomechanics, 2016, 49, 864-868.	0.9	22
8	Translational challenges for the development of a novel nucleus pulposus substitute: Experimental results from biomechanical and in vivo studies. Journal of Biomaterials Applications, 2016, 30, 983-994.	1.2	12
9	Can Exercise Positively Influence the Intervertebral Disc?. Sports Medicine, 2016, 46, 473-485.	3.1	47
10	The poro-elastic behaviour of the intervertebral disc: A new perspective on diurnal fluid flow. Journal of Biomechanics, 2016, 49, 857-863.	0.9	41
11	Bioluminescence-mediated longitudinal monitoring of adipose-derived stem cells in a large mammal ex vivo organ culture. Scientific Reports, 2015, 5, 13960.	1.6	11
12	Spinal fusion using adipose stem cells seeded on a radiolucent cage filler: a feasibility study of a single surgical procedure in goats. European Spine Journal, 2015, 24, 1031-1042.	1.0	23
13	A Biodegradable Glue for Annulus Closure. Spine, 2015, 40, 622-628.	1.0	33
14	Mechanics and biology in intervertebral disc degeneration: a vicious circle. Osteoarthritis and Cartilage, 2015, 23, 1057-1070.	0.6	589
15	The Effects of Single-Level Instrumented Lumbar Laminectomy on Adjacent Spinal Biomechanics. Global Spine Journal, 2015, 5, 39-47.	1.2	13
16	Intradiscal pressure depends on recent loading and correlates with disc height and compressive stiffness. European Spine Journal, 2014, 23, 2359-2368.	1.0	63
17	The Use of Poly(L-lactide-co-epsilon-caprolactone) as a Scaffold for Adipose Stem Cells in Bone Tissue Engineering: Application in a Spinal Fusion Model. Macromolecular Bioscience, 2011, 11, 722-730.	2.1	43