

# Pieter-Paul A Vergroesen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1326130/publications.pdf>

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17  
papers

1,029  
citations

759055

12  
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940416

16  
g-index

17  
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17  
docs citations

17  
times ranked

1324  
citing authors

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