

# Sylvia Nrnberger

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4873342/sylvia-nurnberger-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

1,281  
citations

20  
h-index

34  
g-index

56  
ext. papers

1,469  
ext. citations

5.1  
avg, IF

4.16  
L-index

#	Paper	IF	Citations
53	Thermoresponsive self-assembled elastin-based nanoparticles for delivery of BMPs. <i>Journal of Controlled Release</i> , <b>2010</b> , 142, 312-8	11.7	143
52	The influence of scaffold architecture on chondrocyte distribution and behavior in matrix-associated chondrocyte transplantation grafts. <i>Biomaterials</i> , <b>2011</b> , 32, 1032-40	15.6	125
51	Silk fibroin microparticles as carriers for delivery of human recombinant BMPs. Physical characterization and drug release. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2010</b> , 4, 349-354	4.4	88
50	Decellularized human placenta chorion matrix as a favorable source of small-diameter vascular grafts. <i>Acta Biomaterialia</i> , <b>2016</b> , 29, 125-134	10.8	69
49	Uptake of dimercaptosuccinate-coated magnetic iron oxide nanoparticles by cultured brain astrocytes. <i>Nanotechnology</i> , <b>2011</b> , 22, 145101	3.4	69
48	Ferritin up-regulation and transient ROS production in cultured brain astrocytes after loading with iron oxide nanoparticles. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 3832-9	10.8	66
47	Preparation and characterization of a decellularized cartilage scaffold for ear cartilage reconstruction. <i>Biomedical Materials (Bristol)</i> , <b>2015</b> , 10, 015010	3.5	61
46	Gene expression and cell differentiation in matrix-associated chondrocyte transplantation grafts: a comparative study. <i>Osteoarthritis and Cartilage</i> , <b>2011</b> , 19, 1219-27	6.2	53
45	Hybrid Tissue Engineering Scaffolds by Combination of Three-Dimensional Printing and Cell Photoencapsulation. <i>Journal of Nanotechnology in Engineering and Medicine</i> , <b>2015</b> , 6, 0210011-210017		45
44	Endotoxin causes functional endoplasmic reticulum failure, possibly mediated by mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2009</b> , 1792, 521-30	6.9	41
43	Tick attachment cement—reviewing the mysteries of a biological skin plug system. <i>Biological Reviews</i> , <b>2018</b> , 93, 1056-1076	13.5	37
42	FGF-2 abolishes the chondrogenic effect of combined BMP-6 and TGF-beta in human adipose derived stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2010</b> , 94, 978-87	5.4	33
41	Iodine-Enhanced Micro-CT Imaging of Soft Tissue on the Example of Peripheral Nerve Regeneration. <i>Contrast Media and Molecular Imaging</i> , <b>2019</b> , 2019, 7483745	3.2	25
40	Relative Composition of Fibrous Connective and Fatty/Glandular Tissue in Connective Tissue Grafts Depends on the Harvesting Technique but not the Donor Site of the Hard Palate. <i>Journal of Periodontology</i> , <b>2015</b> , 86, 1331-9	4.6	25
39	In toto differentiation of human amniotic membrane towards the Schwann cell lineage. <i>Cell and Tissue Banking</i> , <b>2014</b> , 15, 227-39	2.2	23
38	Effects of Prolyl Hydroxylase Inhibitor L-mimosine on Dental Pulp in the Presence of Advanced Glycation End Products. <i>Journal of Endodontics</i> , <b>2015</b> , 41, 1852-61	4.7	21
37	Stiffness Matters: Fine-Tuned Hydrogel Elasticity Alters Chondrogenic Redifferentiation. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 373	5.8	21

36	Influence of cell differentiation and IL-1 $\beta$ expression on clinical outcomes after matrix-associated chondrocyte transplantation. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 59-69	6.8	21
35	L-mimosine increases the production of vascular endothelial growth factor in human tooth slice organ culture model. <i>International Endodontic Journal</i> , <b>2015</b> , 48, 252-60	5.4	21
34	Scaffold-dependent differentiation of human articular chondrocytes. <i>International Journal of Molecular Medicine</i> , <b>2008</b> , 22, 691-9	4.4	21
33	Thrombin as important factor for cutaneous wound healing: comparison of fibrin biomatrices in vitro and in a rat excisional wound healing model. <i>Wound Repair and Regeneration</i> , <b>2014</b> , 22, 740-8	3.6	20
32	A novel coagulation assay incorporating adherent endothelial cells in thromboelastometry. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 109, 869-77	7	19
31	Electrospun poly(ester-Urethane)- and poly(ester-Urethane-Urea) fleeces as promising tissue engineering scaffolds for adipose-derived stem cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e90676	3.7	17
30	High thrombin concentrations in fibrin sealants induce apoptosis in human keratinocytes. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2012</b> , 100, 1239-47	5.4	17
29	Systematic Comparison of Protocols for the Preparation of Human Articular Cartilage for Use as Scaffold Material in Cartilage Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , <b>2016</b> , 22, 1095-1107	10.7	16
28	Repopulation of an auricular cartilage scaffold, AuriScaff, perforated with an enzyme combination. <i>Acta Biomaterialia</i> , <b>2019</b> , 86, 207-222	10.8	15
27	Salamanders on the bench - A biocompatibility study of salamander skin secretions in cell cultures. <i>Toxicol</i> , <b>2017</b> , 135, 24-32	2.8	14
26	Adipose-tissue-derived therapeutic cells in their natural environment as an autologous cell therapy strategy: the microtissue-stromal vascular fraction. <i>European Cells and Materials</i> , <b>2019</b> , 37, 113-133	4.3	14
25	Intact human amniotic membrane differentiated towards the chondrogenic lineage. <i>Cell and Tissue Banking</i> , <b>2014</b> , 15, 213-25	2.2	13
24	Impairment of endoplasmic reticulum in liver as an early consequence of the systemic inflammatory response in rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 303, G1373-83	5.1	13
23	Hydrostatic pressure-generated reactive oxygen species induce osteoarthritic conditions in cartilage pellet cultures. <i>Scientific Reports</i> , <b>2018</b> , 8, 17010	4.9	13
22	Recovery of fibrinogen concentrate after intraosseous application is equivalent to the intravenous route in a porcine model of hemodilution. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2014</b> , 76, 1235-42	3.3	11
21	Thromboelastometric and platelet responses to silk biomaterials. <i>Scientific Reports</i> , <b>2014</b> , 4, 4945	4.9	10
20	Advanced Biomaterials Accumulation of Citrate-Coated Magnetic Iron Oxide Nanoparticles by Cultured Brain Astrocytes. <i>Advanced Engineering Materials</i> , <b>2010</b> , 12, B690-B694	3.5	8
19	Neurofilament distribution in the superior labrum and the long head of the biceps tendon. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2017</b> , 12, 181	2.8	7

18	Comparison of Lentiviral Packaging Mixes and Producer Cell Lines for RNAi Applications. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 499-505	3	6
17	Equine articular chondrocytes on MACT scaffolds for cartilage defect treatment. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , <b>2013</b> , 42, 332-43	1.1	6
16	Properties and Potential Alternative Applications of Fibrin Glue <b>2010</b> , 237-259		6
15	Matrix Production Affects MRI Outcomes After Matrix-Associated Autologous Chondrocyte Transplantation in the Knee. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 2238-2246	6.8	5
14	Recellularization of auricular cartilage via elastase-generated channels. <i>Biofabrication</i> , <b>2019</b> , 11, 035012	10.5	5
13	Ultrastructural Insights into the World of Cartilage: Electron Microscopy of Articular Cartilage. <i>Osteosynthesis &amp; Trauma Care</i> , <b>2006</b> , 14, 168-180		5
12	Repopulation of decellularised articular cartilage by laser-based matrix engraving. <i>EBioMedicine</i> , <b>2021</b> , 64, 103196	8.8	5
11	Giant crystals inside mitochondria of equine chondrocytes. <i>Histochemistry and Cell Biology</i> , <b>2017</b> , 147, 635-649	2.4	4
10	The impact of photobiomodulation on the chondrogenic potential of adipose-derived stromal/stem cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2021</b> , 221, 112243	6.7	4
9	Influence of cryopreservation, cultivation time and patient age on gene expression in Hyalograft® C cartilage transplants. <i>International Orthopaedics</i> , <b>2013</b> , 37, 2297-303	3.8	3
8	Articular cartilage tissue regeneration—current research strategies and outlook for the future. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2013</b> , 45, 142-153	0.9	3
7	Revisiting amino acid analyses for bioadhesives including a direct comparison of tick attachment cement ( <i>Dermacentor marginatus</i> ) and barnacle cement ( <i>Lepas anatifera</i> ). <i>International Journal of Adhesion and Adhesives</i> , <b>2021</b> , 105, 102798	3.4	3
6	Histological Aspects of Articular Cartilage. <i>Osteosynthesis &amp; Trauma Care</i> , <b>2006</b> , 14, 158-167		2
5	Behavior of human periodontal ligament cells on dentin surfaces ablated with an ultra-short pulsed laser. <i>Scientific Reports</i> , <b>2017</b> , 7, 12738	4.9	1
4	Disinfection of contaminated metal implants with an Er:YAG laser. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 2464-2473	3.8	1
3	Improved biomechanics in experimental chronic rotator cuff repair after shockwaves is not reflected by bone microarchitecture.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0262294	3.7	1
2	Engineering of Tracheal Grafts Based on Recellularization of Laser-Engraved Human Airway Cartilage Substrates.. <i>Cartilage</i> , <b>2022</b> , 13, 19476035221075951	3	1
1	A Low Cost Implantation Model in the Rat That Allows a Spatial Assessment of Angiogenesis. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2018</b> , 6, 3	5.8	

