

Frank A Schildberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7562473/publications.pdf>

Version: 2024-02-01

86
papers

4,567
citations

218592

26
h-index

110317

64
g-index

93
all docs

93
docs citations

93
times ranked

9647
citing authors

#	ARTICLE	IF	CITATIONS
1	The psychological burden of a two-stage exchange of infected total hip and knee arthroplasties. <i>Journal of Health Psychology</i> , 2022, 27, 470-480.	1.3	12
2	Liver stromal cells restrict macrophage maturation and stromal IL-6 limits the differentiation of cirrhosis-linked macrophages. <i>Journal of Hepatology</i> , 2022, 76, 1127-1137.	1.8	12
3	The Role of Immune Checkpoint Molecules on Macrophages in Cancer, Infection, and Autoimmune Pathologies. <i>Frontiers in Immunology</i> , 2022, 13, 837645.	2.2	16
4	Comparison of minimally invasive approaches and standard median parapatellar approach for total knee arthroplasty: A systematic review and network meta-analysis of randomized controlled trials. <i>Technology and Health Care</i> , 2021, 29, 557-574.	0.5	6
5	Examining the Hand in the Video Consultation. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 202-208.	0.4	13
6	In-Depth Characterization of Stromal Cells within the Tumor Microenvironment Yields Novel Therapeutic Targets. <i>Cancers</i> , 2021, 13, 1466.	1.7	9
7	sCD28, sCD80, sCTLA-4, and sBTLA Are Promising Markers in Diagnostic and Therapeutic Approaches for Aseptic Loosening and Periprosthetic Joint Infection. <i>Frontiers in Immunology</i> , 2021, 12, 687065.	2.2	5
8	Primary Stability in Hip Revision Arthroplasty: Comparison of the Stability of Cementless Fixed Augments on a Modular Acetabular Cage System with and without Cranial Straps. <i>Journal of Clinical Medicine</i> , 2021, 10, 4002.	1.0	2
9	Practicability of a Virtual Consultation to Evaluate the Shoulder Joint. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, , .	0.4	0
10	Bone marrow CD73+ mesenchymal stem cells display increased stemness in vitro and promote fracture healing in vivo. <i>Bone Reports</i> , 2021, 15, 101133.	0.2	4
11	Cartilage Regeneration with Cell-free Type 1 Collagen Matrix – Past, Present and Future (Part 1 –) Tj ETQq1 1 0,784314 rgBT /Over	0.4	2
12	Cartilage Regeneration with a Cell-free Collagen Type 1 Matrix (Part 2 – Experimental Aspects). <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 617-623.	0.4	0
13	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). <i>European Journal of Immunology</i> , 2021, 51, 2708-3145.	1.6	198
14	A Systematic Review on the Value of Infrared Thermography in the Early Detection of Periprosthetic Joint Infections. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 397-405.	0.4	8
15	An Overview of the Current State of Pediatric Scoliosis Management. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 508-516.	0.4	4
16	Characterization of synovial fluid from periprosthetic infection in revision total joint arthroplasty by single-molecule microscopy. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1359-1364.	1.2	0
17	Vertebral Bone Marrow-Derived Mesenchymal Stromal Cells from Osteoporotic and Healthy Patients Possess Similar Differentiation Properties In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8309.	1.8	6
18	High-Dimensional Analysis of Immune Cell Composition Predicts Periprosthetic Joint Infections and Dissects Its Pathophysiology. <i>Biomedicines</i> , 2020, 8, 358.	1.4	12

#	ARTICLE	IF	CITATIONS
19	<p>Local Cellular Responses to Metallic and Ceramic Nanoparticles from Orthopedic Joint Arthroplasty Implants</p>. International Journal of Nanomedicine, 2020, Volume 15, 6705-6720.	3.3	24
20	Impact of Long-term, High-fat, and High-cholesterol Diet on Murine Vertebrae Bones. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2020, 159, 659-665.	0.4	0
21	Investigation of Cytotoxicity, Oxidative Stress, and Inflammatory Responses of Tantalum Nanoparticles in THP-1-Derived Macrophages. Mediators of Inflammation, 2020, 2020, 1-14.	1.4	20
22	The Effects of Biomaterial Implant Wear Debris on Osteoblasts. Frontiers in Cell and Developmental Biology, 2020, 8, 352.	1.8	46
23	Extracellular Vesicle Isolation and Characterization from Periprosthetic Joint Synovial Fluid in Revision Total Joint Arthroplasty. Journal of Clinical Medicine, 2020, 9, 516.	1.0	7
24	Difficult-to-treat pathogens significantly reduce infection resolution in periprosthetic joint infections. Diagnostic Microbiology and Infectious Disease, 2020, 98, 115114.	0.8	18
25	Molecular and Functional Phenotypes of Human Bone Marrow-Derived Mesenchymal Stromal Cells Depend on Harvesting Techniques. International Journal of Molecular Sciences, 2020, 21, 4382.	1.8	22
26	Acetabular defects in revision hip arthroplasty: a therapy-oriented classification. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 815-825.	1.3	14
27	Treatment with and without stabilizing lumbar spinal orthosis after one- or two-level spondylodesis: A randomized controlled trial. Technology and Health Care, 2020, 28, 541-549.	0.5	1
28	Patient Expectations about Communication in the Perioperative Setting of Elective Knee Surgery â€“ a Questionnaire-based Cross-sectional Study. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2020, 158, 490-496.	0.4	1
29	Osteoimmunology: A Current Update of the Interplay Between Bone and the Immune System. Frontiers in Immunology, 2020, 11, 58.	2.2	96
30	Characterization and Comparison of Human and Ovine Mesenchymal Stromal Cells from Three Corresponding Sources. International Journal of Molecular Sciences, 2020, 21, 2310.	1.8	14
31	Pediatric Scoliosis Surgeryâ€™ A Comprehensive Analysis of Treatment-Specific Variables and Trends in Latvia. Medicina (Lithuania), 2020, 56, 201.	0.8	0
32	The Role of PD-1 in Acute and Chronic Infection. Frontiers in Immunology, 2020, 11, 487.	2.2	167
33	Extracellular Vesicles in Musculoskeletal Pathologies and Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 624096.	2.0	23
34	Predictors for secondary patellar resurfacing after primary total knee arthroplasty using a â€œpatella-friendlyâ€•total knee arthroplasty system. International Orthopaedics, 2019, 43, 611-617.	0.9	11
35	3-D Optics for Thoracoscopic Vertebral Body Replacement â€“ Essential Technical Progress or Just Nice to Have?. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2019, 157, 35-41.	0.4	1
36	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766

#	ARTICLE	IF	CITATIONS
37	The Kellgren and Lawrence Score as a helpful tool for the indication for total disc replacement at the cervical spine. <i>Technology and Health Care</i> , 2019, 27, 317-326.	0.5	0
38	Fibroblastic reticular cells enhance T cell metabolism and survival via epigenetic remodeling. <i>Nature Immunology</i> , 2019, 20, 1668-1680.	7.0	53
39	Laser-based Techniques for Microcirculatory Assessment in Orthopedics and Trauma Surgery. <i>Annals of Surgery</i> , 2019, 270, 1041-1048.	2.1	0
40	Relative radiographic bone density measurement in revision hip arthroplasty and its correlation with qualitative subjective assessment by experienced surgeons. <i>Technology and Health Care</i> , 2019, 27, 79-88.	0.5	3
41	Articular cartilage regeneration and tissue engineering models: a systematic review. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 305-316.	1.3	39
42	Who profits from three-dimensional optics in endoscopic surgery? Analysis of manual tasks under two-dimensional/three-dimensional optic vision using a pelvic trainer model. <i>Journal of Minimal Access Surgery</i> , 2019, 15, 124.	0.4	0
43	Role of Selenof as a Gatekeeper of Secreted Disulfide-Rich Glycoproteins. <i>Cell Reports</i> , 2018, 23, 1387-1398.	2.9	49
44	Dendritic Cell PD-L1 Limits Autoimmunity and Follicular T Cell Differentiation and Function. <i>Journal of Immunology</i> , 2018, 200, 2592-2602.	0.4	96
45	Ci8 short, a novel LPS-induced peptide from the ascidian <i>Ciona intestinalis</i> , modulates responses of the human immune system. <i>Immunobiology</i> , 2018, 223, 210-219.	0.8	4
46	Endoscopic Sacrolumbar Facet Joint Denervation in Osteoarthritic and Degenerated Zygapophyseal Joints. <i>Arthroscopy Techniques</i> , 2018, 7, e1275-e1279.	0.5	12
47	Stromal cells in health and disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 871-875.	1.1	16
48	Quantitative and integrative analysis of paracrine hepatocyte activation by nonparenchymal cells upon lipopolysaccharide induction. <i>FEBS Journal</i> , 2017, 284, 796-813.	2.2	1
49	Diagnostic relevance of a novel multiplex immunoassay panel in breast cancer. <i>Tumor Biology</i> , 2017, 39, 101042831771138.	0.8	9
50	New developments in cytometric phenotyping. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 950-951.	1.1	1
51	Mechanisms of Extracellular Immunomodulation Mediated by Infectious Agents. <i>Journal of Immunology Research</i> , 2017, 2017, 1-3.	0.9	2
52	Diagnostic Performance of a Novel Multiplex Immunoassay in Colorectal Cancer. <i>Anticancer Research</i> , 2017, 37, 2477-2486.	0.5	16
53	Coinhibitory Pathways in the B7-CD28 Ligand-Receptor Family. <i>Immunity</i> , 2016, 44, 955-972.	6.6	462
54	Cyclooxygenase Inhibitors as a New Therapeutic Strategy in Small Bowel Transplantation. <i>Transplantation</i> , 2016, 100, 2324-2331.	0.5	4

#	ARTICLE	IF	CITATIONS
55	Cyclooxygenase-2 contributes to the selective induction of cell death by the endocannabinoid 2-arachidonoyl glycerol in hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 678-684.	1.0	11
56	Serum Amyloid A Induces Inflammation, Proliferation and Cell Death in Activated Hepatic Stellate Cells. <i>PLoS ONE</i> , 2016, 11, e0150893.	1.1	52
57	Hepatic immune regulation by stromal cells. <i>Current Opinion in Immunology</i> , 2015, 32, 1-6.	2.4	22
58	Follicular Dendritic Cells Retain Infectious HIV in Cycling Endosomes. <i>PLoS Pathogens</i> , 2015, 11, e1005285.	2.1	84
59	Apoptosis-related biomarkers in patients with gastrointestinal cancer. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2015, 53, 1062-1064.	0.3	1
60	Apoptosis-related biomarkers in patients with gynecological cancer. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2015, 53, 1059-1061.	0.3	0
61	Methodical and pre-analytical characteristics of a multiplex cancer biomarker immunoassay. <i>World Journal of Methodology</i> , 2014, 4, 219.	1.1	13
62	Lymph node fibroblastic reticular cell transplants show robust therapeutic efficacy in high-mortality murine sepsis. <i>Science Translational Medicine</i> , 2014, 6, 249ra109.	5.8	39
63	High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. <i>Nature Immunology</i> , 2014, 15, 152-160.	7.0	337
64	Angiotensin-II type 1 receptor-mediated Janus kinase 2 activation induces liver fibrosis. <i>Hepatology</i> , 2014, 60, 334-348.	3.6	107
65	B cell homeostasis and follicle confines are governed by fibroblastic reticular cells. <i>Nature Immunology</i> , 2014, 15, 973-981.	7.0	237
66	Transfer of MHC-class-I molecules among liver sinusoidal cells facilitates hepatic immune surveillance. <i>Journal of Hepatology</i> , 2014, 61, 600-608.	1.8	26
67	The tissue inhibitor of metalloproteinases-1 improves migration and adhesion of hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , 2013, 41, 823-831.e2.	0.2	17
68	Activated human hepatic stellate cells induce myeloid derived suppressor cells from peripheral blood monocytes in a CD44-dependent fashion. <i>Journal of Hepatology</i> , 2013, 59, 528-535.	1.8	117
69	Specific expression of k63-linked ubiquitination of calmodulin-like protein 5 in breast cancer of premenopausal patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 2125-2132.	1.2	27
70	1134 FATTY ACID AMIDE HYDROLASE IS THE HEPATIC GATEKEEPER AGAINST ENDOCANNABINOID-INDUCED CELL DEATH AND HOLDS ANTI-FIBROTIC PROPERTIES. <i>Journal of Hepatology</i> , 2013, 58, S462.	1.8	0
71	Intrahepatic myeloid-cell aggregates enable local proliferation of CD8+ T cells and successful immunotherapy against chronic viral liver infection. <i>Nature Immunology</i> , 2013, 14, 574-583.	7.0	196
72	The Effect of Dexamethasone and Triiodothyronine on Terminal Differentiation of Primary Bovine Chondrocytes and Chondrogenically Differentiated Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2013, 8, e72973.	1.1	28

#	ARTICLE	IF	CITATIONS
73	The endocannabinoid <i>N</i> -arachidonoyl dopamine (NADA) selectively induces oxidative stress-mediated cell death in hepatic stellate cells but not in hepatocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G873-G887.	1.6	28
74	Liver sinusoidal endothelial cells contribute to CD8 T cell tolerance toward circulating carcinoembryonic antigen in mice. <i>Hepatology</i> , 2012, 56, 1924-1933.	3.6	49
75	NLRP3 Inflammasome Activity Is Negatively Controlled by miR-223. <i>Journal of Immunology</i> , 2012, 189, 4175-4181.	0.4	402
76	Lack of PPAR β in Myeloid Cells Confers Resistance to <i>Listeria monocytogenes</i> Infection. <i>PLoS ONE</i> , 2012, 7, e37349.	1.1	27
77	Multiple myeloma-related deregulation of bone marrow-derived CD34+ hematopoietic stem and progenitor cells. <i>Blood</i> , 2012, 120, 2620-2630.	0.6	82
78	Murine hepatic stellate cells veto CD8 T cell activation by a CD54-dependent mechanism. <i>Hepatology</i> , 2011, 54, 262-272.	3.6	89
79	Prominent regulatory but weak antigen-presenting cell function of hepatic stellate cells. <i>Hepatology</i> , 2011, 54, 1108-1108.	3.6	10
80	Mechanisms of improved wound healing in Murphy Roths Large (MRL) mice after skin transplantation. <i>Wound Repair and Regeneration</i> , 2010, 18, 662-670.	1.5	20
81	Improved transplantation outcome by epigenetic changes. <i>Transplant Immunology</i> , 2010, 23, 104-110.	0.6	13
82	Adenosine regulates CD8 T cell priming by inhibition of membrane proximal T cell receptor signalling. <i>Immunology</i> , 2009, 128, e728-37.	2.0	94
83	TIMP1 Plays a Functional Role in CD34+ Hematopoietic Stem and Progenitor Cells. <i>Blood</i> , 2009, 114, 1487-1487.	0.6	1
84	Liver sinusoidal endothelial cells veto CD8 T cell activation by antigen-presenting dendritic cells. <i>European Journal of Immunology</i> , 2008, 38, 957-967.	1.6	103
85	Komplikationen durch immunsuppressive Therapie nach Lebertransplantation – eine retrospektive 12-Jahres-Analyse des Transplantationszentrums Bonn. <i>Chirurgische Gastroenterologie Interdisziplinär</i> , 2008, 24, 226-233.	0.0	1
86	Cyclic AMP alleviates endoplasmic stress and programmed cell death induced by lipopolysaccharides in human endothelial cells. <i>Cell and Tissue Research</i> , 2005, 320, 91-98.	1.5	27