

Siegmund Lang

List of Publications by Year in descending order

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papers

651
citations

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44
all docs

44
docs citations

44
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Controversies in regenerative medicine: Should intervertebral disc degeneration be treated with mesenchymal stem cells?. JOR Spine, 2019, 2, e1043.	3.2	74
2	The incidence of fractures among the adult population of Germany. Deutsches Ärztblatt International, 2021, , .	0.9	67
3	Platelet-Rich Plasma in Tissue Engineering: Hype and Hope. European Surgical Research, 2018, 59, 265-275.	1.3	66
4	Autologous mesenchymal stem cells or meniscal cells: what is the best cell source for regenerative meniscus treatment in an early osteoarthritis situation?. Stem Cell Research and Therapy, 2017, 8, 225.	5.5	51
5	Tissue Engineering of Large Full-Size Meniscus Defects by a Polyurethane Scaffold: Accelerated Regeneration by Mesenchymal Stromal Cells. Stem Cells International, 2018, 2018, 1-11.	2.5	36
6	Phenotypic Characterization of Bone Marrow Mononuclear Cells and Derived Stromal Cell Populations from Human Iliac Crest, Vertebral Body and Femoral Head. International Journal of Molecular Sciences, 2019, 20, 3454.	4.1	34
7	The epidemiology of fracture-related infections in Germany. Scientific Reports, 2021, 11, 10443.	3.3	34
8	Leukocyte-Reduced Platelet-Rich Plasma Treatment of Basal Thumb Arthritis: A Pilot Study. BioMed Research International, 2016, 2016, 1-6.	1.9	32
9	Bone Marrow Aspirate Concentrate for the Treatment of Avascular Meniscus Tears in a One-Step Procedureâ€”Evaluation of an In Vivo Model. International Journal of Molecular Sciences, 2019, 20, 1120.	4.1	29
10	The effect of leukocyte-reduced platelet-rich plasma on the proliferation of autologous adipose-tissue derived mesenchymal stem cells1. Clinical Hemorheology and Microcirculation, 2016, 61, 599-614.	1.7	21
11	Terminology of bone and joint infection. Bone and Joint Research, 2021, 10, 742-743.	3.6	18
12	Physioxia Expanded Bone Marrow Derived Mesenchymal Stem Cells Have Improved Cartilage Repair in an Early Osteoarthritic Focal Defect Model. Biology, 2020, 9, 230.	2.8	16
13	Antibiotic cement coating in orthopedic surgery: a systematic review of reported clinical techniques. Journal of Orthopaedics and Traumatology, 2021, 22, 56.	2.3	16
14	Leukocyte-Reduced Platelet-Rich Plasma Alters Protein Expression of Adipose Tissueâ€”Derived Mesenchymal Stem Cells. Plastic and Reconstructive Surgery, 2016, 138, 397-408.	1.4	15
15	TGF- β Signalling is Suppressed under Pro-Hypertrophic Conditions in MSC Chondrogenesis Due to TGF- β Receptor Downregulation. International Journal of Stem Cells, 2019, 12, 139-150.	1.8	15
16	Is There a Difference in Clinical Features, Microbiological Epidemiology and Effective Empiric Antimicrobial Therapy Comparing Healthcare-Associated and Community-Acquired Vertebral Osteomyelitis?. Antibiotics, 2021, 10, 1410.	3.7	14
17	Long-term radiographic appearance of calcium-phosphate synthetic bone grafts after surgical treatment of tibial plateau fractures. Injury, 2017, 48, 2807-2813.	1.7	11
18	Partial Anterior Cruciate Ligament Ruptures: Advantages by Intraligament Autologous Conditioned Plasma Injection and Healing Response Techniqueâ€”Midterm Outcome Evaluation. BioMed Research International, 2018, 2018, 1-9.	1.9	10

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19	Attenuation of Hypertrophy in Human MSCs via Treatment with a Retinoic Acid Receptor Inverse Agonist. International Journal of Molecular Sciences, 2020, 21, 1444.	4.1	10
20	Leukocyte-reduced platelet-rich plasma increases proliferation of tenocytes treated with prednisolone: a cell cycle analysis. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 1417-1422.	2.4	8
21	Football-related injuries are the major reason for the career end of professional male football players. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 3560-3568.	4.2	8
22	Fibronectin Adherent Cell Populations Derived From Avascular and Vascular Regions of the Meniscus Have Enhanced Clonogenicity and Differentiation Potential Under Physioxia. Frontiers in Bioengineering and Biotechnology, 2021, 9, 789621.	4.1	8
23	Management and Mid-Term Outcome After "Real SCIWORA" in Children and Adolescents. Global Spine Journal, 2022, 12, 1208-1213.	2.3	7
24	Radiological and mid- to long-term patient-reported outcome after stabilization of traumatic thoraco-lumbar spinal fractures using an expandable vertebral body replacement implant. BMC Musculoskeletal Disorders, 2021, 22, 744.	1.9	7
25	Leukocyte-reduced platelet-rich plasma stimulates the in vitro proliferation of adipose-tissue derived mesenchymal stem cells depending on PDGF signaling. Clinical Hemorheology and Microcirculation, 2017, 67, 183-196.	1.7	6
26	The Tibial Plateau Map: Fracture Line Morphology of Intra-Articular Proximal Tibial Fractures. BioMed Research International, 2021, 2021, 1-6.	1.9	4
27	Does Dynamic Anterior Plate Fixation Provide Adequate Stability for Traumatic Subaxial Cervical Spine Fractures at Mid-Term Follow-Up?. Journal of Clinical Medicine, 2021, 10, 1185.	2.4	2
28	Influence of Oral Anticoagulation and Antiplatelet Drugs on Outcome of Elderly Severely Injured Patients. Journal of Clinical Medicine, 2021, 10, 1649.	2.4	2
29	Decision-making to stop or continue playing after football injuries – a systematic video analysis of 711 injury situations in amateur football. European Journal of Sport Science, 2022, 22, 1459-1465.	2.7	2
30	Are There Any Red Flag Injuries in Severely Injured Patients in Older Age?. Journal of Clinical Medicine, 2021, 10, 185.	2.4	2
31	Two-Dimensional Visualization of the Three-Dimensional Planned Sacroiliac Screw Corridor with the Slice Fusion Method. Journal of Clinical Medicine, 2021, 10, 184.	2.4	1
32	Iliac Bone Corridors to Host the Transiliac Internal Fixator – An Experimental CT Based Analysis. Journal of Clinical Medicine, 2021, 10, 1500.	2.4	0
33	The adipokine profile and elevation of the RANKL/OPG ratio in vertebral bodies and intervertebral discs of patients with vertebral osteomyelitis: Implications for the disease pathogenesis. Brain and Spine, 2021, 1, 100020.	0.1	0
34	Antibiotikaprophylaxe und empirische Antibiotikatherapie bei Primär- und Sekundärprothetik und periprothetischen Gelenkinfektionen: Aktuelle Praxis und Bedarf an Therapieoptimierung. Zeitschrift Für Orthopädie Und Unfallchirurgie, 2022, , .	0.7	0