Sandra Hauser

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1536097/publications.pdf

Version: 2024-02-01

25	702	759055	580701
papers	citations	12 h-index	25 g-index

25	25	25	1075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Selfâ€Assembled Matrix System for Cellâ€Bioengineering Applications in Different Dimensions, Scales, and Geometries. Small, 2022, 18, e2104758.	5.2	3
2	The Role of Transglutaminase 2 in the Radioresistance of Melanoma Cells. Cells, 2022, 11, 1342.	1.8	3
3	Application of a Fluorescence Anisotropy-Based Assay to Quantify Transglutaminase 2 Activity in Cell Lysates. International Journal of Molecular Sciences, 2022, 23, 4475.	1.8	2
4	Immunocompatibility and non-thrombogenicity of gelatin-based hydrogels. Clinical Hemorheology and Microcirculation, 2021, 77, 335-350.	0.9	13
5	Screening Arrays of Laminin Peptides on Modified Cellulose for Promotion of Adhesion of Primary Endothelial and Neural Precursor Cells. Advanced Biology, 2021, 5, 1900303.	1.4	2
6	Response of Endothelial Cells to Gelatin-Based Hydrogels. ACS Biomaterials Science and Engineering, 2021, 7, 527-540.	2.6	26
7	A modular, injectable, non-covalently assembled hydrogel system features widescale tunable degradability for controlled release and tissue integration. Biomaterials, 2021, 269, 120637.	5.7	9
8	Development of an ¹⁸F-Labeled Irreversible Inhibitor of Transglutaminase 2 as Radiometric Tool for Quantitative Expression Profiling in Cells and Tissues. Journal of Medicinal Chemistry, 2021, 64, 3462-3478.	2.9	16
9	Convergent synthesis of diversified reversible network leads to liquid metal-containing conductive hydrogel adhesives. Nature Communications, 2021, 12, 2407.	5.8	70
10	Conductive Hydrogels with Dynamic Reversible Networks for Biomedical Applications. Advanced Healthcare Materials, 2021, 10, e2100012.	3.9	47
11	Men who stare at bone: multimodal monitoring of bone healing. Biological Chemistry, 2021, 402, 1397-1413.	1.2	3
12	Adjuvant drug-assisted bone healing: Part II â€“ Modulation of angiogenesis. Clinical Hemorheology and Microcirculation, 2020, 73, 409-438.	0.9	5
13	Adjuvant drug-assisted bone healing: Part III â€“ Further strategies for local and systemic modulation. Clinical Hemorheology and Microcirculation, 2020, 73, 439-488.	0.9	7
14	Adjuvant drug-assisted bone healing: Part I â€“ Modulation of inflammation. Clinical Hemorheology and Microcirculation, 2020, 73, 381-408.	0.9	13
15	Three-Dimensional Cell Culture Systems in Radiopharmaceutical Cancer Research. Cancers, 2020, 12, 2765.	1.7	32
16	Adjuvant Drug-Assisted Bone Healing: Advances and Challenges in Drug Delivery Approaches. Pharmaceutics, 2020, 12, 428.	2.0	26
17	Characterization of Tissue Transglutaminase as a Potential Biomarker for Tissue Response toward Biomaterials. ACS Biomaterials Science and Engineering, 2019, 5, 5979-5989.	2.6	5
18	Cytocompatible, Injectable, and Electroconductive Soft Adhesives with Hybrid Covalent/Noncovalent Dynamic Network. Advanced Science, 2019, 6, 1802077.	5.6	84

#	Article	IF	Citations
19	Targeting Cyclooxygenase-2 in Pheochromocytoma and Paraganglioma: Focus on Genetic Background. Cancers, 2019, 11, 743.	1.7	6
20	N^{Îµ}-Acryloyllysine Piperazides as Irreversible Inhibitors of Transglutaminase 2: Synthesis, Structureâ€“Activity Relationships, and Pharmacokinetic Profiling. Journal of Medicinal Chemistry, 2018, 61, 4528-4560.	2.9	27
21	Human Endothelial Cell Models in Biomaterial Research. Trends in Biotechnology, 2017, 35, 265-277.	4.9	99
22	Gelatin-based Hydrogel Degradation and Tissue Interaction in vivo: Insights from Multimodal Preclinical Imaging in Immunocompetent Nude Mice. Theranostics, 2016, 6, 2114-2128.	4.6	96
23	Optical imaging of COX-2: Studies on an autofluorescent 2,3-diaryl-substituted indole-based cyclooxygenase-2 inhibitor. Biochemical and Biophysical Research Communications, 2015, 458, 40-45.	1.0	12
24	Organotypical vascular model for characterization of radioprotective compounds: Studies on antioxidant 2,3-diaryl-substituted indole-based cyclooxygenase-2 inhibitors. Clinical Hemorheology and Microcirculation, 2014, 58, 281-295.	0.9	7
25	Biocompatibility and inflammatory response inÂvitro and inÂvivo to gelatin-based biomaterials with tailorable elastic properties. Biomaterials, 2014, 35, 9755-9766.	5.7	89