

Sandra Hauser

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

702
citations

759055

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580701

25
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25
all docs

25
docs citations

25
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Endothelial Cell Models in Biomaterial Research. Trends in Biotechnology, 2017, 35, 265-277.	4.9	99
2	Gelatin-based Hydrogel Degradation and Tissue Interaction <i>in vivo</i> : Insights from Multimodal Preclinical Imaging in Immunocompetent Nude Mice. Theranostics, 2016, 6, 2114-2128.	4.6	96
3	Biocompatibility and inflammatory response <i>in vitro</i> and <i>in vivo</i> to gelatin-based biomaterials with tailorable elastic properties. Biomaterials, 2014, 35, 9755-9766.	5.7	89
4	Cytocompatible, Injectable, and Electroconductive Soft Adhesives with Hybrid Covalent/Noncovalent Dynamic Network. Advanced Science, 2019, 6, 1802077.	5.6	84
5	Convergent synthesis of diversified reversible network leads to liquid metal-containing conductive hydrogel adhesives. Nature Communications, 2021, 12, 2407.	5.8	70
6	Conductive Hydrogels with Dynamic Reversible Networks for Biomedical Applications. Advanced Healthcare Materials, 2021, 10, e2100012.	3.9	47
7	Three-Dimensional Cell Culture Systems in Radiopharmaceutical Cancer Research. Cancers, 2020, 12, 2765.	1.7	32
8	<i>N</i> ^{Îµ} -Acryloyllysine Piperazides as Irreversible Inhibitors of Transglutaminase 2: Synthesis, Structure-Activity Relationships, and Pharmacokinetic Profiling. Journal of Medicinal Chemistry, 2018, 61, 4528-4560.	2.9	27
9	Adjuvant Drug-Assisted Bone Healing: Advances and Challenges in Drug Delivery Approaches. Pharmaceutics, 2020, 12, 428.	2.0	26
10	Response of Endothelial Cells to Gelatin-Based Hydrogels. ACS Biomaterials Science and Engineering, 2021, 7, 527-540.	2.6	26
11	Development of an ¹⁸ F-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
12	Adjuvant drug-assisted bone healing: Part I – Modulation of inflammation. Clinical Hemorheology and Microcirculation, 2020, 73, 381-408.	0.9	13
13	Immunocompatibility and non-thrombogenicity of gelatin-based hydrogels. Clinical Hemorheology and Microcirculation, 2021, 77, 335-350.	0.9	13
14	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
15	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
16	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
17	Adjuvant drug-assisted bone healing: Part III – Further strategies for local and systemic modulation. Clinical Hemorheology and Microcirculation, 2020, 73, 439-488.	0.9	7
18	Targeting Cyclooxygenase-2 in Pheochromocytoma and Paraganglioma: Focus on Genetic Background. Cancers, 2019, 11, 743.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Characterization of Tissue Transglutaminase as a Potential Biomarker for Tissue Response toward Biomaterials. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5979-5989.	2.6	5
20	Adjuvant drug-assisted bone healing: Part II – Modulation of angiogenesis. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 73, 409-438.	0.9	5
21	Men who stare at bone: multimodal monitoring of bone healing. <i>Biological Chemistry</i> , 2021, 402, 1397-1413.	1.2	3
22	A Self-Assembled Matrix System for Cell Bioengineering Applications in Different Dimensions, Scales, and Geometries. <i>Small</i> , 2022, 18, e2104758.	5.2	3
23	The Role of Transglutaminase 2 in the Radioresistance of Melanoma Cells. <i>Cells</i> , 2022, 11, 1342.	1.8	3
24	Screening Arrays of Laminin Peptides on Modified Cellulose for Promotion of Adhesion of Primary Endothelial and Neural Precursor Cells. <i>Advanced Biology</i> , 2021, 5, 1900303.	1.4	2
25	Application of a Fluorescence Anisotropy-Based Assay to Quantify Transglutaminase 2 Activity in Cell Lysates. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4475.	1.8	2