

Sigrid A Langhans

List of Publications by Year in descending order

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16
papers

1,492
citations

933447
10
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940533
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docs citations

16
times ranked

2851
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional in Vitro Cell Culture Models in Drug Discovery and Drug Repositioning. <i>Frontiers in Pharmacology</i> , 2018, 9, 6.	3.5	1,038
2	Peptide Hydrogels – Versatile Matrices for 3D Cell Culture in Cancer Medicine. <i>Frontiers in Oncology</i> , 2015, 5, 92.	2.8	136
3	Beta Hairpin Peptide Hydrogels as an Injectable Solid Vehicle for Neurotrophic Growth Factor Delivery. <i>Biomacromolecules</i> , 2015, 16, 2672-2683.	5.4	73
4	Sustained release of active chemotherapeutics from injectable-solid β -hairpin peptide hydrogel. <i>Biomaterials Science</i> , 2016, 4, 839-848.	5.4	61
5	Beta-hairpin hydrogels as scaffolds for high-throughput drug discovery in three-dimensional cell culture. <i>Analytical Biochemistry</i> , 2017, 535, 25-34.	2.4	39
6	Sonic Hedgehog-Induced Histone Deacetylase Activation Is Required for Cerebellar Granule Precursor Hyperplasia in Medulloblastoma. <i>PLoS ONE</i> , 2013, 8, e71455.	2.5	37
7	Inhibition of epidermal growth factor signaling by the cardiac glycoside ouabain in medulloblastoma. <i>Cancer Medicine</i> , 2014, 3, 1146-1158.	2.8	20
8	Implementation of a High-Throughput Pilot Screen in Peptide Hydrogel-Based Three-Dimensional Cell Cultures. <i>SLAS Discovery</i> , 2019, 24, 714-723.	2.7	20
9	Using 3D in vitro cell culture models in anti-cancer drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 841-850.	5.0	16
10	In Vivo and Ex Vivo Pediatric Brain Tumor Models: An Overview. <i>Frontiers in Oncology</i> , 2021, 11, 620831.	2.8	15
11	Na,K-ATPase β 1-subunit is a target of sonic hedgehog signaling and enhances medulloblastoma tumorigenicity. <i>Molecular Cancer</i> , 2015, 14, 159.	19.2	10
12	A Functional Interaction Between Na,K-ATPase β 2-Subunit/AMOG and NF2/Merlin Regulates Growth Factor Signaling in Cerebellar Granule Cells. <i>Molecular Neurobiology</i> , 2019, 56, 7557-7571.	4.0	8
13	Advanced Neuroimaging Approaches to Pediatric Brain Tumors. <i>Cancers</i> , 2022, 14, 3401.	3.7	8
14	PET imaging of medulloblastoma with an ^{18}F -labeled tryptophan analogue in a transgenic mouse model. <i>Scientific Reports</i> , 2020, 10, 3800.	3.3	5
15	Unravelling neuroinflammation in abusive head trauma with radiotracer imaging. <i>Pediatric Radiology</i> , 2021, 51, 966-970.	2.0	4
16	Radiosynthesis of 1-(2- ^{18}F Fluoroethyl)-L-Tryptophan using a One-pot, Two-step Protocol. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2