

# Sigrid A Langhans

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9429283/publications.pdf>

Version: 2024-02-01

16  
papers

1,492  
citations

932766

10  
h-index

940134

16  
g-index

16  
all docs

16  
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.	1.6	1,038
2	Peptide Hydrogels – Versatile Matrices for 3D Cell Culture in Cancer Medicine. <i>Frontiers in Oncology</i> , 2015, 5, 92.	1.3	136
3	Beta Hairpin Peptide Hydrogels as an Injectable Solid Vehicle for Neurotrophic Growth Factor Delivery. <i>Biomacromolecules</i> , 2015, 16, 2672-2683.	2.6	73
4	Sustained release of active chemotherapeutics from injectable-solid $\beta$ -hairpin peptide hydrogel. <i>Biomaterials Science</i> , 2016, 4, 839-848.	2.6	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.	1.1	39
6	Sonic Hedgehog-Induced Histone Deacetylase Activation Is Required for Cerebellar Granule Precursor Hyperplasia in Medulloblastoma. <i>PLoS ONE</i> , 2013, 8, e71455.	1.1	37
7	Inhibition of epidermal growth factor signaling by the cardiac glycoside ouabain in medulloblastoma. <i>Cancer Medicine</i> , 2014, 3, 1146-1158.	1.3	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.	1.4	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.	2.5	16
10	In Vivo and Ex Vivo Pediatric Brain Tumor Models: An Overview. <i>Frontiers in Oncology</i> , 2021, 11, 620831.	1.3	15
11	Na,K-ATPase $\beta$ 1-subunit is a target of sonic hedgehog signaling and enhances medulloblastoma tumorigenicity. <i>Molecular Cancer</i> , 2015, 14, 159.	7.9	10
12	A Functional Interaction Between Na,K-ATPase $\beta$ 2-Subunit/AMOG and NF2/Merlin Regulates Growth Factor Signaling in Cerebellar Granule Cells. <i>Molecular Neurobiology</i> , 2019, 56, 7557-7571.	1.9	8
13	Advanced Neuroimaging Approaches to Pediatric Brain Tumors. <i>Cancers</i> , 2022, 14, 3401.	1.7	8
14	PET imaging of medulloblastoma with an $^{18}\text{F}$ -labeled tryptophan analogue in a transgenic mouse model. <i>Scientific Reports</i> , 2020, 10, 3800.	1.6	5
15	Unravelling neuroinflammation in abusive head trauma with radiotracer imaging. <i>Pediatric Radiology</i> , 2021, 51, 966-970.	1.1	4
16	Radiosynthesis of 1-(2- $^{18}\text{F}$ Fluoroethyl)-L-Tryptophan using a One-pot, Two-step Protocol. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2