

# Markus Laube

## List of Publications by Year in descending order

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32  
papers

554  
citations

686830

13  
h-index

676716

22  
g-index

35  
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35  
docs citations

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times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9 Mediated Knockout of Cyclooxygenase-2 Gene Inhibits Invasiveness in A2058 Melanoma Cells. <i>Cells</i> , 2022, 11, 749.	1.8	7
2	“Clickable” Albumin Binders for Modulating the Tumor Uptake of Targeted Radiopharmaceuticals. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 710-733.	2.9	13
3	Carboranyl Analogues of Mefenamic Acid and Their Biological Evaluation. <i>ACS Omega</i> , 2022, 7, 24282-24291.	1.6	13
4	Development of an <sup>18</sup> F-Labeled Irreversible Inhibitor of Transglutaminase 2 as Radiometric Tool for Quantitative Expression Profiling in Cells and Tissues. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3462-3478.	2.9	16
5	Modulation of <sup>13</sup> Secretase Activity by a Carborane-Based Flurbiprofen Analogue. <i>Molecules</i> , 2021, 26, 2843.	1.7	10
6	T Cell Mediated Conversion of a Non-Anti-La Reactive B Cell to an Autoreactive Anti-La B Cell by Somatic Hypermutation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1198.	1.8	9
7	Radiolabeled Silicon-Rhodamines as Bimodal PET/SPECT-NIR Imaging Agents. <i>Pharmaceutics</i> , 2021, 14, 1155.	1.7	4
8	Deuteration versus ethylation “ strategies to improve the metabolic fate of an <sup>18</sup> F-labeled celecoxib derivative. <i>RSC Advances</i> , 2020, 10, 38601-38611.	1.7	6
9	Adjuvant Drug-Assisted Bone Healing: Advances and Challenges in Drug Delivery Approaches. <i>Pharmaceutics</i> , 2020, 12, 428.	2.0	26
10	Carboranyl Derivatives of Rofecoxib with Cytostatic Activity against Human Melanoma and Colon Cancer Cells. <i>Scientific Reports</i> , 2020, 10, 4827.	1.6	15
11	Fluorine-18 Labeling of S100 Proteins for Small Animal Positron Emission Tomography. <i>Methods in Molecular Biology</i> , 2019, 1929, 461-485.	0.4	0
12	Regulation of A375 melanoma cell adhesion and migration by EphB4 and EphrinB2 “ insights from co-culture experiments. <i>Journal of Cellular Biotechnology</i> , 2019, 5, 27-42.	0.1	0
13	Carboranyl Analogues of Ketoprofen with Cytostatic Activity against Human Melanoma and Colon Cancer Cell Lines. <i>ACS Omega</i> , 2019, 4, 8824-8833.	1.6	11
14	Synthesis and preliminary radiopharmacological characterisation of an <sup>11</sup> C-labelled azadipeptide nitrile as potential PET tracer for imaging of cysteine cathepsins. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 448-459.	0.5	9
15	Synthesis and Cyclooxygenase Inhibition of Sulfonamide-Substituted (Dihydro)Pyrrolo[3,2,1-hi]indoles and Their Potential Prodrugs. <i>Molecules</i> , 2019, 24, 3807.	1.7	11
16	Carboranyl Analogues of Celecoxib with Potent Cytostatic Activity against Human Melanoma and Colon Cancer Cell Lines. <i>ChemMedChem</i> , 2019, 14, 315-321.	1.6	20
17	Technetium-99m based small molecule radiopharmaceuticals and radiotracers targeting inflammation and infection. <i>Dalton Transactions</i> , 2017, 46, 14435-14451.	1.6	23
18	“Hydrous 18 F-fluoroethylation” Leaving off the azeotropic drying. <i>Applied Radiation and Isotopes</i> , 2017, 127, 260-268.	0.7	9

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19	Insights into binding of S100 proteins to scavenger receptors: class B scavenger receptor CD36 binds S100A12 with high affinity. <i>Amino Acids</i> , 2017, 49, 183-191.	1.2	22
20	Development of Antioxidant COX-2 Inhibitors as Radioprotective Agents for Radiation Therapy – A Hypothesis-Driven Review. <i>Antioxidants</i> , 2016, 5, 14.	2.2	56
21	Controlled immobilization of His-tagged proteins for protein-ligand interaction experiments using Ni <sup>2+</sup> -NTA layer on glass surfaces. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 61, 523-539.	0.9	4
22	Development of a <sup>18</sup> F-labeled Diaryl-substituted Dihydropyrrolo[3,2,1-hi</i>]indole as Potential Probe for Functional Imaging of Cyclooxygenase-2 with PET. <i>ChemistrySelect</i> , 2016, 1, 5812-5820.	0.7	8
23	Protective effects of 2,3-diaryl-substituted indole-based cyclooxygenase-2 inhibitors on oxidative modification of human low density lipoproteins in vitro. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 61, 615-632.	0.9	4
24	Optical imaging of COX-2: Studies on an autofluorescent 2,3-diaryl-substituted indole-based cyclooxygenase-2 inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 40-45.	1.0	12
25	Diaryl-Substituted (Dihydro)pyrrolo[3,2,1-hi</i>]indoles, a Class of Potent COX-2 Inhibitors with Tricyclic Core Structure. <i>Journal of Organic Chemistry</i> , 2015, 80, 5611-5624.	1.7	27
26	2- <sup>18</sup> F-Fluoroethyl tosylate – a versatile tool for building <sup>18</sup> F-based radiotracers for positron emission tomography. <i>MedChemComm</i> , 2015, 6, 1714-1754.	3.5	37
27	Organotypical vascular model for characterization of radioprotective compounds: Studies on antioxidant 2,3-diaryl-substituted indole-based cyclooxygenase-2 inhibitors. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 281-295.	0.9	7
28	2,3-Diaryl-substituted indole based COX-2 inhibitors as leads for imaging tracer development. <i>RSC Advances</i> , 2014, 4, 38726-38742.	1.7	24
29	Visualization of cyclooxygenase-2 using a 2,3-diarylsubstituted indole-based inhibitor and confocal laser induced cryofluorescence microscopy at 20K in melanoma cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 301-306.	1.0	6
30	2-Carbaborane-3-phenyl-1-H-indoles – Synthesis via McMurry Reaction and Cyclooxygenase (COX) Inhibition Activity. <i>ChemMedChem</i> , 2013, 8, 329-335.	1.6	26
31	Radiolabeled COX-2 Inhibitors for Non-Invasive Visualization of COX-2 Expression and Activity – A Critical Update. <i>Molecules</i> , 2013, 18, 6311-6355.	1.7	65
32	Radiosynthesis of a <sup>18</sup> F-labeled 2,3-diarylsubstituted indole via McMurry coupling for functional characterization of cyclooxygenase-2 (COX-2) in vitro and in vivo. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3410-3421.	1.4	47