Fredrik Lehmann

List of Publications by Year
in descending order

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38	662	623699	580810
papers	citations	14 h-index	25 g-index

40	40	40	836
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Peptideâ€“Drug Conjugate Melflufen Modulates the Unfolded Protein Response of Multiple Myeloma and Amyloidogenic Plasma Cells and Induces Cell Death. HemaSphere, 2022, 6, e687.	2.7	3
2	Growth Response and Differentiation of Bone Marrow-Derived Mesenchymal Stem/Stromal Cells in the Presence of Novel Multiple Myeloma Drug Melflufen. Cells, 2022, 11, 1574.	4.1	2
3	Prognostic significance of esterase gene expression in multiple myeloma. British Journal of Cancer, 2021, 124, 1428-1436.	6.4	18
4	Up-regulation of multidrug resistance protein MDR1/ABCB1 in carfilzomib-resistant multiple myeloma differentially affects efficacy of anti-myeloma drugs. Leukemia Research, 2021, 101, 106499.	0.8	7
5	Evolution of Nitrogen-Based Alkylating Anticancer Agents. Processes, 2021, 9, 377.	2.8	30
6	Aminopeptidase Expression in Multiple Myeloma Associates with Disease Progression and Sensitivity to Melflufen. Cancers, 2021, 13, 1527.	3.7	29
7	Novel Peptide-drug Conjugate Melflufen Efficiently Eradicates Bortezomib-resistant Multiple Myeloma Cells Including Tumor-initiating Myeloma Progenitor Cells. HemaSphere, 2021, 5, e602.	2.7	5
8	Melphalan flufenamide inhibits osteoclastogenesis by suppressing proliferation of monocytes. Bone Reports, 2021, 15, 101098.	0.4	0
9	Progress and Future Directions with Peptide-Drug Conjugates for Targeted Cancer Therapy. Molecules, 2021, 26, 6042.	3.8	40
10	The Wittig bioconjugation of maleimide derived, water soluble phosphonium ylides to aldehyde-tagged proteins. Organic and Biomolecular Chemistry, 2021, 19, 10417-10423.	2.8	4
11	Rational Design of Azastatin as a Potential ADC Payload with Reduced Bystander Killing. ChemMedChem, 2020, 15, 2500-2512.	3.2	4
12	Melflufen, a peptideâ€conjugated alkylator, is an efficient antiâ€neoâ€plastic drug in breast cancer cell lines. Cancer Medicine, 2020, 9, 6726-6738.	2.8	9
13	Targeting aggressive osteosarcoma with a peptidase-enhanced cytotoxic melphalan flufenamide. Therapeutic Advances in Medical Oncology, 2020, 12, 175883592093789.	3.2	8
14	Azithromycin ameliorates sulfur dioxide-induced airway epithelial damage and inflammatory responses. Respiratory Research, 2020, 21, 233.	3.6	13
15	Investigating the Impact of Sample Preparation on Mass Spectrometry-Based Drug-To-Antibody Ratio Determination for Cysteine- and Lysine-Linked Antibodyâ€“Drug Conjugates. Antibodies, 2020, 9, 46.	2.5	3
16	Magnetic Beads for Desalting of Monoclonal Antibodies and Antibodyâ€“Drug Conjugates. Analytical Chemistry, 2020, 92, 9001-9007.	6.5	4
17	Melflufen: A Journey from Discovery to Multi-Kilogram Production. ACS Symposium Series, 2020, , 157-177.	0.5	4
18	Azithromycin has lung barrier protective effects in a cell model mimicking ventilator-induced lung injury. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 545-560.	1.5	6

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19	Azithromycin induces epidermal differentiation and multivesicular bodies in airway epithelia. Respiratory Research, 2019, 20, 129.	3.6	17
20	Development of a Safe Process for Manufacturing of the Potent Anticancer Agent Melflufen Hydrochloride. Organic Process Research and Development, 2019, 23, 1191-1196.	2.7	10
21	Application of triple quadrupole mass spectrometry for the characterization of antibodyâ€“drug conjugates. Analytical and Bioanalytical Chemistry, 2019, 411, 2569-2576.	3.7	7
22	Effect of mobile phase composition on the analysis of aggregates of antibody drug conjugates (ADCs) using size exclusion chromatography. Analytical Methods, 2018, 10, 938-941.	2.7	4
23	Qualitative analysis of antibodyâ€“drug conjugates (ADCs): an experimental comparison of analytical techniques of cysteine-linked ADCs. Analyst, The, 2018, 143, 5487-5496.	3.5	24
24	Development of a Synthesis of Kinase Inhibitor AKN028. Organic Process Research and Development, 2018, 22, 1360-1364.	2.7	7
25	Melflufen - a peptidase-potentiated alkylating agent in clinical trials. Oncotarget, 2017, 8, 66641-66655.	1.8	65
26	The Oncolytic Efficacy and in Vivo Pharmacokinetics of [2-(4-Chlorophenyl)quinolin-4-yl](piperidine-2-yl)methanol (Vacquinol-1) Are Governed by Distinct Stereochemical Features. Journal of Medicinal Chemistry, 2016, 59, 8577-8592.	6.4	16
27	A Versatile One-Pot Procedure for the Synthesis of 5-Aryl-6H-1,3,4-thiadiazine-2-amines from Aromatic Ketones. Synlett, 2016, 27, 864-867.	1.8	2
28	Optimization of isochromanone based urotensin II receptor agonists. Bioorganic and Medicinal Chemistry, 2010, 18, 4844-4854.	3.0	11
29	Novel and potent small-molecule urotensin II receptor agonists. Bioorganic and Medicinal Chemistry, 2009, 17, 4657-4665.	3.0	7
30	N-Benzyl-indolo carboxylic acids: Design and synthesis of potent and selective adipocyte fatty-acid binding protein (A-FABP) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1745-1748.	2.2	96
31	A Versatile New Synthetic Route to 1N-Hydroxyindazoles. Organic Letters, 2009, 11, 5078-5081.	4.6	15
32	Rapid and Convenient Microwave-Assisted Synthesis of Primary Amines via Reductive N-Alkylation of Methyl Carbamate with Aldehydes. Synthesis, 2008, 2008, 1679-1681.	2.3	3
33	Design, parallel synthesis and SAR of novel urotensin II receptor agonists. European Journal of Medicinal Chemistry, 2007, 42, 276-285.	5.5	46
34	Novel Potent and Efficacious Nonpeptidic Urotensin II Receptor Agonists. Journal of Medicinal Chemistry, 2006, 49, 2232-2240.	6.4	38
35	Isochromanone-based urotensin-II receptor agonists. Bioorganic and Medicinal Chemistry, 2005, 13, 3057-3068.	3.0	41
36	Cesium Carbonate (Cs2CO3). Synlett, 2004, 2004, 2447-2448.	1.8	17

#	Article	IF	Citations
37	Efficient large scale microwave assisted Mannich reactions using substituted acetophenones. Molecular Diversity, 2003, 7, 145-152.	3.9	47
38	Potential Use of Supercharging Agents for Improved Mass Spectrometric Analysis of Monoclonal Antibodies and Antibodyâ€“Drug Conjugates. Journal of the American Society for Mass Spectrometry, 0, , .	2.8	0