

Stefan G Koenig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3295062/publications.pdf>

Version: 2024-02-01

42
papers

1,669
citations

331670

21
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

2226
citing authors

#	ARTICLE	IF	CITATIONS
1	Key Green Chemistry research areas from a pharmaceutical manufacturers'™ perspective revisited. <i>Green Chemistry</i> , 2018, 20, 5082-5103.	9.0	384
2	Pharmaceutical Roundtable Study Demonstrates the Value of Continuous Manufacturing in the Design of Greener Processes. <i>Organic Process Research and Development</i> , 2013, 17, 1472-1478.	2.7	141
3	Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. <i>Nature Chemistry</i> , 2016, 8, 1112-1119.	13.6	106
4	A deeper shade of green: inspiring sustainable drug manufacturing. <i>Green Chemistry</i> , 2017, 19, 281-285.	9.0	88
5	GNE-781, A Highly Advanced Potent and Selective Bromodomain Inhibitor of Cyclic Adenosine Monophosphate Response Element Binding Protein, Binding Protein (CBP). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9162-9183.	6.4	77
6	An Efficient Synthesis of Enamides from Ketones. <i>Organic Letters</i> , 2008, 10, 505-507.	4.6	76
7	Inspiring process innovation via an improved green manufacturing metric: iGAL. <i>Green Chemistry</i> , 2018, 20, 2206-2211.	9.0	69
8	Introduction of a process mass intensity metric for biologics. <i>New Biotechnology</i> , 2019, 49, 37-42.	4.4	57
9	A Transient N ^o -Linked Pauson-Khand Strategy for the Synthesis of the Deschloro Carbocyclic Core of the Palau' amines and Styloguanidines. <i>Organic Letters</i> , 2003, 5, 2203-2206.	4.6	56
10	Chemoselective sp ² -sp ³ Cross-Couplings: Iron-Catalyzed Alkyl Transfer to Dihaloaromatics. <i>Organic Letters</i> , 2013, 15, 3698-3701.	4.6	45
11	A Facile Deprotection of Secondary Acetamides. <i>Organic Letters</i> , 2009, 11, 433-436.	4.6	44
12	Synthesis of Indole-2-carboxylate Derivatives via Palladium-Catalyzed Aerobic Amination of Aryl C-H Bonds. <i>Organic Letters</i> , 2016, 18, 3586-3589.	4.6	43
13	Sustainability Challenges and Opportunities in Oligonucleotide Manufacturing. <i>Journal of Organic Chemistry</i> , 2021, 86, 49-61.	3.2	39
14	A Green Chemistry Continuum for a Robust and Sustainable Active Pharmaceutical Ingredient Supply Chain. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16937-16951.	6.7	37
15	The PMI Predictor app to enable green-by-design chemical synthesis. <i>Nature Sustainability</i> , 2019, 2, 1034-1040.	23.7	36
16	Evaluating the Impact of a Decade of Funding from the Green Chemistry Institute Pharmaceutical Roundtable. <i>Organic Process Research and Development</i> , 2018, 22, 1344-1359.	2.7	35
17	Improved iGAL 2.0 Metric Empowers Pharmaceutical Scientists to Make Meaningful Contributions to United Nations Sustainable Development Goal 12. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 5148-5162.	6.7	31
18	Development of a Large-Scale Stereoselective Process for (1R,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydronaphthalen-1-amine Hydrochloride. <i>Organic Process Research and Development</i> , 2007, 11, 726-730.	2.7	30

#	ARTICLE	IF	CITATIONS
19	A ligand-free, copper-catalyzed cascade sequence to indole-2-carboxylic esters. <i>Tetrahedron Letters</i> , 2010, 51, 6549-6551.	1.4	29
20	Automated high-throughput preparation and characterization of oligonucleotide-loaded lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120392.	5.2	29
21	Recent advances in flow chemistry in the pharmaceutical industry. <i>Green Chemistry</i> , 2017, 19, 1418-1419.	9.0	24
22	Driving toward greener chemistry in the pharmaceutical industry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 7, 56-59.	5.9	19
23	Three-Component Coupling of Arenes, Ethylene, and Alkynes Catalyzed by a Cationic Bis(phosphine) Cobalt Complex: Intercepting Metallacyclopentenenes for C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2022, 144, 4530-4540.	13.7	19
24	Synthesis of 3,4-substituted cyclopentenones via an intramolecular Pauson-Khand reaction of Ni-O linked enynes. <i>Tetrahedron Letters</i> , 2000, 41, 9393-9396.	1.4	18
25	Metal-Catalyzed Organic Reactions by Resonant Acoustic Mixing**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115030.	13.8	18
26	Development of a Practical Synthesis of ERK Inhibitor GDC-0994. <i>Organic Process Research and Development</i> , 2017, 21, 387-398.	2.7	17
27	Directed metalation and regioselective functionalization of 3-bromofuran and related heterocycles with NaHMDS. <i>Tetrahedron Letters</i> , 2012, 53, 166-169.	1.4	16
28	Practical Nonazide Synthesis of a α -Amino Acid Oxidase Inhibitor via a Sequential Erlenmeyer-Planch Reaction and Ligand-Free Copper(I) Amination Protocol. <i>Organic Process Research and Development</i> , 2014, 18, 198-204.	2.7	11
29	Copper-Catalyzed Synthesis of Indoles and Related Heterocycles in Renewable Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1359-1363.	6.7	11
30	Development of a tripartite solvent blend for sustainable chromatography. <i>Green Chemistry</i> , 2014, 16, 4102-4105.	9.0	8
31	Highly Efficient Synthesis of a <i>Staphylococcus aureus</i> Targeting Payload to Enable the First Antibody-Antibiotic Conjugate. <i>Chemistry - A European Journal</i> , 2018, 24, 2837-2840.	3.3	7
32	A call for industry to embrace green biopharma. <i>Nature Biotechnology</i> , 2016, 34, 234-235.	17.5	6
33	An Efficient Second-Generation Manufacturing Process for the pan-RAF Inhibitor Belvarafenib. <i>Organic Process Research and Development</i> , 2021, 25, 2338-2350.	2.7	6
34	Importance of Green and Sustainable Chemistry in the Chemical Industry. <i>Organic Process Research and Development</i> , 2022, 26, 2176-2178.	2.7	6
35	AN IMPROVED SYNTHESIS OF (4S)-4,5-O-ISOPROPYLIDENEPENT- (2Z)-ENOATE. <i>Synthetic Communications</i> , 2002, 32, 1379-1383.	2.1	5
36	Sustainable Chemistry and Engineering in Pharma. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13395-13398.	6.7	5

#	ARTICLE	IF	CITATIONS
37	Development of a practical synthesis to PI3K $\hat{\pm}$ -selective inhibitor GDC-0326. <i>Tetrahedron</i> , 2021, 79, 131840.	1.9	4
38	Metal-catalyzed Organic Reactions by Resonant Acoustic Mixing**. <i>Angewandte Chemie</i> , 2022, 134, e202115030.	2.0	4
39	A telescoped Knochel-Hauser/Kumada-Corriu coupling strategy to functionalized aromatic heterocycles. <i>Tetrahedron Letters</i> , 2019, 60, 5-7.	1.4	3
40	Discovery and Development of the First Antibody-antibiotic Conjugate Linker-Drug. <i>ACS Symposium Series</i> , 2019, , 85-105.	0.5	2
41	Challenges in the structure determination of a dimeric impurity found during development of GDC-0326. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114627.	2.8	1
42	Grassroots and blue skies lead to greener landscapes. <i>Current Research in Green and Sustainable Chemistry</i> , 2022, 5, 100242.	5.6	0