

# Gerald Dyker

## List of Publications by Year in descending order

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41  
papers

1,524  
citations

516710

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345221

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51  
docs citations

51  
times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold(III) Chloride Catalyzed Domino Processes with Isobenzopyrylium Cation Intermediates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4399-4402.	13.8	176
2	Gold(III) Chloride-Catalyzed Addition Reactions of Electron-Rich Arenes to Methyl Vinyl Ketone. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 1247-1252.	4.3	154
3	Alkylation of Arenes with Benzylic and Propargylic Alcohols – Classical versus Fancy Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 456-462.	4.3	103
4	A palladium catalyzed domino coupling process to substituted phenanthrenes. <i>Tetrahedron Letters</i> , 1994, 35, 7633-7636.	1.4	99
5	Isoindoles and dihydroisoquinolines by gold-catalyzed intramolecular hydroamination of alkynes. <i>Chemical Communications</i> , 2006, , 661.	4.1	95
6	Total Synthesis of Heliophenanthrone. <i>Journal of Organic Chemistry</i> , 2005, 70, 6093-6096.	3.2	75
7	Palladium-Catalyzed Arylation of Cyclopentadienes. <i>Chemistry - A European Journal</i> , 2000, 6, 3426-3433.	3.3	68
8	A platinum-catalyzed annulation reaction leading to medium-sized rings. <i>Chemical Communications</i> , 2006, , 2260-2261.	4.1	67
9	Dispersal ability of male orchid bees and direct evidence for long-range flights. <i>Apidologie</i> , 2015, 46, 224-237.	2.0	67
10	First intermolecular palladium catalyzed arylation of an unfunctionalized aromatic hydrocarbon. <i>Journal of Organometallic Chemistry</i> , 2000, 606, 108-111.	1.8	62
11	A Gold-Catalyzed Domino Process to the Steroid Framework. <i>Journal of Organic Chemistry</i> , 2006, 71, 6728-6733.	3.2	60
12	Synthesis of Methylene- and Methine-Bridged Oligopyridines. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4319-4322.	2.4	41
13	Bidentate cycloimidate palladium complexes with aliphatic and aromatic anagostic bonds. <i>Chemical Communications</i> , 2014, 50, 5909.	4.1	28
14	New Aspects of Synthesis and Properties of Arylated Cyclopentadienes. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 1127-1132.	4.3	26
15	A facile rearrangement of a bisalkynylbenzil via a benzo[c]pyrylium cation. <i>Tetrahedron Letters</i> , 1999, 40, 7457-7458.	1.4	17
16	The Role of Metallic Copper in the Selective Hydrodeoxygenation of Glycerol to 1,2-Propanediol over Cu/ZrO <sub>2</sub> . <i>ChemCatChem</i> , 2018, 10, 1344-1350.	3.7	17
17	Formation of extended ordered monolayers of FePt nanoparticles. <i>Journal of Crystal Growth</i> , 2005, 285, 365-371.	1.5	15
18	A Domino Annulation Reaction under Willgerodt–Kindler Conditions. <i>Journal of Organic Chemistry</i> , 2008, 73, 4644-4649.	3.2	15

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19	Solvent-Dependent Pseudopolymorphism of Tripyridoxycalix[4]arene: cone versus partial-cone Conformation. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4963-4966.	2.4	14
20	Chelated Ruthenium Complexes of Functionalized Pentaarylcyclopentadienes. <i>Organometallics</i> , 2011, 30, 215-229.	2.3	13
21	From a Calix[4]arene to a Hexameric Supracycle. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4355-4362.	2.4	11
22	Asymmetric Hydrocyanation of Alkenes. , 0, , 87-96.		8
23	Synthesis of 1- and 3-Nitrobenzo[a]pyrene. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3162-3166.	2.4	7
24	Pyridoxycalix[4]arene palladium(II) complexes as tectons for self-inclusion polymers. <i>CrystEngComm</i> , 2008, 10, 1120.	2.6	7
25	Synthesis of Benzo[a]pyren-6-yl-Substituted Carboxylic Acids. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3167-3172.	2.4	6
26	Supramolecular single-stranded calix[4]arene helices towards a crystal engineering approach of homochiral assemblies. <i>CrystEngComm</i> , 2011, 13, 3979.	2.6	6
27	An Adaptive Resorcinarene Hemicarcerand. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1026-1034.	2.4	6
28	Reactions of Glycidyl Derivatives with Ambident Nucleophiles. Part 1: Ethyl Acetoacetate. <i>Tetrahedron</i> , 2000, 56, 8669-8672.	1.9	4
29	Hydrogenation and Dehydrogenation of Pentaphenylcyclopentadienes and Pentaphenylcyclopentenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6084-6091.	2.4	3
30	Mono- and Tri-Functionalization of Trimethylresorcin[4]arenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 35-40.	2.4	3
31	Silica-Mediated Monohydrolysis of Dicarboxylic Esters. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6773-6776.	2.4	3
32	Die gläserne Raucherlunge. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2010, 17, 35-35.	0.4	2
33	Synthesis and Characterization of <i>ortho</i> -Thio-Functionalized Triarylmethyl Palladium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 53-57.	2.0	2
34	DISTAL Dibromoresorcin[4]arenes Through Selective Deactivation: A Practical Optimization. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6570-6575.	2.4	2
35	What is C-H Bond Activation?. , 0, , 2-10.		1
36	C-H Transformation at Alkenes. , 0, , 277-301.		1

#	ARTICLE	IF	CITATIONS
37	Câ€“H Transformation at Aldehydes and Imines. , 0, , 303-316.		1
38	Reactions of glycidyl derivatives with ambident nucleophiles; part 2: amino acid derivatives. Beilstein Journal of Organic Chemistry, 2007, 3, 28.	2.2	1
39	Synthesis of Benzo[a]pyren-6-yl-Substituted Carboxylic Acids.. ChemInform, 2003, 34, no.	0.0	0
40	Synthesis of Methylene- and Methine-Bridged Oligopyridines.. ChemInform, 2005, 36, no.	0.0	0
41	Tetrapyridoxycalix[4]arene and its copper(II) complex: an ionic crystal engineering tector for self-inclusion polymers. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 64, 157-161.	1.6	0