

# Dipakranjan Mal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/782386/publications.pdf>

Version: 2024-02-01

91  
papers

2,325  
citations

279798

23  
h-index

254184

43  
g-index

109  
all docs

109  
docs citations

109  
times ranked

2002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phthalides and Phthalans: Synthetic Methodologies and Their Applications in the Total Synthesis. <i>Chemical Reviews</i> , 2014, 114, 6213-6284.	47.7	304
2	Recent trends in the synthesis of carbazoles: an update. <i>Tetrahedron</i> , 2012, 68, 6099-6121.	1.9	248
3	Recent Advances in the Hauser Annulation. <i>Chemical Reviews</i> , 2007, 107, 1892-1918.	47.7	201
4	Total Synthesis of Euplectin, a Natural Product with a Chromone Fused Indenone. <i>Organic Letters</i> , 2009, 11, 4398-4401.	4.6	61
5	Total synthesis of 11-deoxydaunomycinone. <i>Journal of the American Chemical Society</i> , 1983, 105, 5688-5690.	13.7	56
6	Benzannulation for the Regiodefined Synthesis of 2-Alkyl/Aryl-1-naphthols: Total Synthesis of Arnottin I. <i>Journal of Organic Chemistry</i> , 2011, 76, 3392-3398.	3.2	56
7	A rapid access to hydroxylated benz[a]anthraquinones: Hypervalent iodine oxidation of 1 <sup>2</sup> -naphthols. <i>Tetrahedron</i> , 1997, 53, 2177-2184.	1.9	51
8	Regiospecific total syntheses of (+)-aklavinone and (+)-epsilon-pyrromycinone from a common synthon. <i>Journal of the American Chemical Society</i> , 1984, 106, 1098-1104.	13.7	47
9	Total Synthesis of (±)-O-Methyl PD 116740. <i>Organic Letters</i> , 2002, 4, 2237-2239.	4.6	46
10	Anionic [4+2] cycloaddition strategy in the regiospecific synthesis of carbazoles: formal synthesis of ellipticine and murrayaquinone A. <i>Tetrahedron</i> , 2007, 63, 3768-3781.	1.9	45
11	A Catalytic and Enantioselective Synthesis of trans-2-Amino-1-aryltetralins. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 859-864.	4.3	44
12	Regiospecific synthesis of 3-(2,6-dihydroxyphenyl)phthalides: application to the synthesis of isopestacin and cryphonectric acid. <i>Tetrahedron</i> , 2007, 63, 11781-11792.	1.9	41
13	Regiospecific synthesis of isopestacin, a naturally occurring isobenzofuranone antioxidant. <i>Tetrahedron Letters</i> , 2004, 45, 5109-5112.	1.4	40
14	Total synthesis of coriandrin and 7-demethylcoriandrin via a new synthesis of isocoumarins. <i>Tetrahedron Letters</i> , 2000, 41, 3677-3680.	1.4	35
15	A New Synthetic Route to Indoloquinones: Formal Synthesis of Ellipticine. <i>Synlett</i> , 2005, 2005, 0994-0996.	1.8	35
16	A rapid entry to C-prenylcarbazoles: total synthesis of clausamine C, clausevatine D and clausine F. <i>Chemical Communications</i> , 2010, 46, 4411.	4.1	32
17	Synthesis of Vitamin K and Related Naphthoquinones via Demethoxycarbonylative Annulations and a Retro-Wittig Rearrangement. <i>Organic Letters</i> , 2015, 17, 5800-5803.	4.6	32
18	A novel route for stereospecific construction of the A ring of anthracyclonones: total synthesis of (+)-gamma-citromycinone. <i>Journal of the American Chemical Society</i> , 1984, 106, 1862-1863.	13.7	30

#	ARTICLE	IF	CITATIONS
19	A concise total synthesis of brasiliquinones B and C and 3-deoxyrabelomycin. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 3167-3171.	0.9	29
20	Anionic [4 + 2] cycloaddition with thiophthalides: an integrated approach to the synthesis of olivin and pillaromycinone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 309.	0.9	28
21	A room temperature alternative of the Claisen rearrangement route to ortho allylated phenols: unique reactivity pattern of allylindium reagents. <i>Tetrahedron Letters</i> , 2005, 46, 2097-2100.	1.4	28
22	Regio- and stereospecific construction of anthracyclonones: total syntheses of (.+.)-gamma-citromycinone, (.+.)-dimethyl-6-deoxydaunomycinone, and (.+.)-dimethyl-6-deoxyadriamycinone. <i>Journal of the American Chemical Society</i> , 1988, 110, 2919-2924.	13.7	27
23	Anionic [4+3] heteroannulation of 2-azidoacrylates: a modular synthesis of 2-benzazepin-1-ones. <i>Chemical Communications</i> , 2012, 48, 3999.	4.1	27
24	Total Synthesis of Neoâ€¦anshinlactones through a Cascade Benzannulationâ€¦Lactonization as the Key Step. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4037-4046.	2.4	26
25	Direct Access to 1,4-Dihydroxyanthraquinones:â€¦The Hauser Annulation Reexamined withp-Quinones. <i>Journal of Organic Chemistry</i> , 2007, 72, 4981-4984.	3.2	25
26	Convergent and rapid assembly of benzonaphthopyranone cores of chartreusin, chrymutasins and hayumicins. <i>Tetrahedron Letters</i> , 2004, 45, 7895-7898.	1.4	24
27	<u>Chemoselective Methylation of Carboxylic Acids using DBU and Iodomethane</u>. <i>Synthetic Communications</i> , 1986, 16, 331-335.	2.1	23
28	DBU-CH<sub>3</sub>, a Potential Substitute for CH<sub>2</sub>N<sub>2</sub> in the Preparation of Methyl Esters and Methyl Aryl Ethers: Studies with Assorted Acids. <i>Synthetic Communications</i> , 2008, 38, 3937-3946.	2.1	23
29	The first approach to kinamycin antibiotics: Synthesis of kinafluorenone scaffold. <i>Tetrahedron Letters</i> , 1996, 37, 2641-2642.	1.4	22
30	A sequential anionic [4 + 2] cycloaddition and thermal [4 + 2] cycloreversion strategy to furocoumarins : A concise synthesis of methoxsalen. <i>Tetrahedron Letters</i> , 1994, 35, 9617-9618.	1.4	21
31	A Brief and Convergent Synthetic Route to Defucogilvocarcin M Chromophore:â€¦The Formal Synthesis of WS-5995 A and C. <i>Journal of Organic Chemistry</i> , 2005, 70, 9017-9020.	3.2	21
32	A synthetic route to 1,3-dihydroisobenzofuran natural products: the synthesis of methyl ethers of pestacin. <i>Tetrahedron Letters</i> , 2009, 50, 4042-4045.	1.4	20
33	Total Synthesis of Chlorocyclinone A, a PPAR- $\beta$ Antagonist. <i>Journal of Organic Chemistry</i> , 2012, 77, 10235-10248.	3.2	20
34	Regioselective synthesis of naphthoquinone/naphthoquinolâ€¦carbohydrate hybrids by [4 + 2] anionic annulations and studies on their cytotoxicity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10636-10647.	2.8	19
35	First Synthesis of 9,10â€¦Dimethoxyâ€¦methylâ€¦anthraquinone: A Naturally Occurring Unusual Anthraquinone. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3014-3020.	2.4	18
36	Tandem annulation strategy for the convergent synthesis of benzonaphthopyranones: total synthesis of chartarin and O-methylhayumicinone. <i>Tetrahedron</i> , 2008, 64, 3253-3267.	1.9	18

#	ARTICLE	IF	CITATIONS
37	A regioselective facile synthesis of furo[3,4-b]carbazolones: application to the total synthesis of mafaicheenamine E and claulansine D. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6344-6352.	2.8	18
38	Anionic [4+2] cycloaddition strategy to linear furocoumarins: Synthesis of 8-methoxypsoralen and its isoster. <i>Tetrahedron</i> , 1998, 54, 7525-7538.	1.9	17
39	Synthesis of chlorine-containing angucycline BE-23254 and its analogs. <i>Tetrahedron</i> , 2006, 62, 9589-9602.	1.9	17
40	Regiodivergent and short total synthesis of calothrixins. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8196-8203.	2.8	17
41	Total synthesis of clausamine E and furanoclausamine B. <i>Tetrahedron</i> , 2015, 71, 1247-1253.	1.9	17
42	Thiophthalides, a novel class of arene-annulating agents: synthesis of polynuclear hydroaromatic compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 821.	2.0	16
43	A novel three-step synthetic route to 1,4-anthraquinones. <i>Tetrahedron Letters</i> , 1994, 35, 6139-6140.	1.4	16
44	Angucycline C5 Glycosides: Regio- and Stereocontrolled Synthesis and Cytotoxicity. <i>Journal of Organic Chemistry</i> , 2013, 78, 9748-9757.	3.2	16
45	Regiospecific Synthesis of 7-Hydroxyindoles from Pyrroles by Anionic Benzannulation. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5521-5531.	2.4	16
46	A new rhodamine derived fluorescent sensor: Detection of Hg <sup>2+</sup> at cellular level. <i>Chemical Physics Letters</i> , 2017, 673, 84-88.	2.6	16
47	Benz[f]indenes: A Novel Synthesis by an Anionic [4+2] Cycloaddition/Retro Diels-Alder Pathway. <i>Synlett</i> , 1995, 1995, 1239-1240.	1.8	15
48	Total synthesis of BE-23254, a chlorinated angucycline antibiotic. <i>Tetrahedron Letters</i> , 2005, 46, 5483-5486.	1.4	15
49	Total Synthesis of Carbazole Alkaloids "Ekeberginine, Harmandianamine A, and Furanoclausamine B. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1873-1881.	2.4	15
50	4-Fluorocyclohexa-2,5-dienones as new acceptors for the Hauser annulation. <i>Tetrahedron Letters</i> , 2007, 48, 2635-2638.	1.4	14
51	Stereoselective synthesis of hydroxy stilbenoids and styrenes by atom-efficient olefination with thiophthalides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2742.	2.8	14
52	Copper catalyzed ring opening copolymerization of a vinyl cyclopropane and methyl methacrylate. <i>RSC Advances</i> , 2013, 3, 14486.	3.6	14
53	Synthesis, Rearrangement, and Hauser Annulation of 3-Isocyanophthalides. <i>Synthesis</i> , 2015, 47, 2473-2484.	2.3	14
54	Transpositive Tandem Annulation of Phthalides with Allene Carboxylates: Regioselective Synthesis of Arylnaphthalene Lignans. <i>Journal of Organic Chemistry</i> , 2016, 81, 11857-11865.	3.2	14

#	ARTICLE	IF	CITATIONS
55	A Convenient Synthesis of Aromatic Thiolactones. <i>Synthetic Communications</i> , 1993, 23, 1555-1560.	2.1	13
56	3-(Phenylthio)phthalide: an Expedient Reagent in Phthalide Annulation. <i>Journal of Chemical Research Synopses</i> , 1999, , 30-31.	0.3	13
57	Synthesis and Rearrangement of Quinone-Embedded Epoxycyclopentenones: A New Avenue to Pyranonaphthoquinones and Indenopyranones. <i>Journal of Organic Chemistry</i> , 2009, 74, 1598-1604.	3.2	13
58	A Representative Synthetic Route for C5 Angucycline Glycosides: Studies Directed toward the Total Synthesis of Mayamycin. <i>Journal of Organic Chemistry</i> , 2018, 83, 1328-1339.	3.2	13
59	Applications of [4+2] Anionic Annulation and Carbonyl-Ene Reaction in the Synthesis of Anthraquinones, Tetrahydroanthraquinones, and Pyranonaphthoquinones. <i>Journal of Organic Chemistry</i> , 2017, 82, 11035-11051.	3.2	12
60	Lateral Lithiation-Initiated Annulations in the Synthesis of 1-Oxygenated Carbazole Alkaloids and a Cycloheptacarbazole. <i>Synlett</i> , 2012, 23, 1769-1774.	1.8	11
61	Glucose Promoted Claisen Rearrangement of 1-Allyloxy Anthraquinones. <i>Synthetic Communications</i> , 1994, 24, 1287-1292.	2.1	10
62	Hauser annulation of furoindolones in the synthesis of carbazole-1,4-quinones and benzo[b]carbazoloquinones. <i>Tetrahedron Letters</i> , 2015, 56, 6210-6213.	1.4	9
63	Intramolecular carbonyl-ene reactions in the synthesis of peri-oxygenated hydroaromatics. <i>Tetrahedron</i> , 2016, 72, 1758-1772.	1.9	9
64	A Five-Step Cascade for the Modular and Regiodefined Synthesis of Naphth[2,1-d]oxazoles. <i>Synthesis</i> , 2016, 48, 1235-1245.	2.3	9
65	N-Methylanilinium trifluoroacetate-promoted Prins reaction of $\hat{1}\pm$ -methylene- $\hat{1}\pm$ -tetralone dimers: generation of new molecular scaffolds. <i>Tetrahedron Letters</i> , 2011, 52, 6098-6102.	1.4	8
66	Anionic Annulation of 3-Cyanophthalides with Allene Carboxylates: A Carbon-Conserved Synthesis of Naphtho[ <i>b</i> ]furanones. <i>Journal of Organic Chemistry</i> , 2018, 83, 4537-4544.	3.2	8
67	Tandem Cope $\hat{c}$ heletropic reaction: a new molecular rearrangement. <i>Chemical Communications</i> , 1996, , 1181-1182.	4.1	7
68	Deleterious effect of 7-methyl group on glycosylation of 2-naphthols. <i>Tetrahedron</i> , 2015, 71, 5610-5619.	1.9	6
69	Regiodefined synthesis of brominated hydroxyanthraquinones related to proisocrinins. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 531-536.	2.2	6
70	TMSCN-PhI(OAc) <sub>2</sub> Promoted Synthesis of 3-Cyanophthalides from Phthalaldehydic Acids. <i>ChemistrySelect</i> , 2016, 1, 3097-3099.	1.5	6
71	First synthetic approach towards K-259-2, a unique calmodulin antagonist. <i>Tetrahedron</i> , 2018, 74, 96-103.	1.9	6
72	Facile Synthesis of 4 $\hat{c}$ Functionalized Cyclopentenones. <i>Synthetic Communications</i> , 2007, 37, 1949-1956.	2.1	5

#	ARTICLE	IF	CITATIONS
73	Synthesis and self-assembly behavior of POSS tethered amphiphilic polymer based on poly(caprolactone) (PCL) grafted with poly(acrylic acid) (PAA) via ROP, ATRP, and CuAAC reaction. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	5
74	Ni(II)-Catalyzed vinylic C-H functionalization of 2-acetamido-3-arylacrylates to access isotetronic acids. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3697-3706.	2.8	5
75	Studies directed toward total synthesis of rhodocomatulins: A regioselective synthesis of brominated hydroxyanthraquinones by anionic annulations. <i>Synthetic Communications</i> , 2018, 48, 309-317.	2.1	4
76	Difference in structural chemistry of non-coking and coking coal using acid treatment demineralization technique. <i>International Journal of Coal Preparation and Utilization</i> , 2022, 42, 788-808.	2.1	4
77	Synthetic Studies of Naphtho[2,3-b]furan Moiety Present in Diverse Bioactive Natural Products. <i>International Journal of Organic Chemistry</i> , 2015, 05, 63-74.	0.7	3
78	Application of intramolecular carbonyl-ene reaction towards the synthesis of idarubicinone scaffold. <i>Arkivoc</i> , 2019, 2018, 257-269.	0.5	3
79	Regiospecific synthesis of isopestacin, a naturally occurring isobenzofuranone antioxidant. <i>Tetrahedron Letters</i> , 2004, 45, 5109-5109.	1.4	2
80	Convergent and Rapid Assembly of Benzonaphthopyranone Cores of Chartreusin, Chrymutasins and Hayumicins.. <i>ChemInform</i> , 2005, 36, no.	0.0	1
81	[4 + 2] Annulation of 3-Nuclofugal Phthalides (Hauser Annulation). , 2019, , 63-179.		1
82	A Room Temperature Alternative of the Claisen Rearrangement Route to ortho Allylated Phenols: Unique Reactivity Pattern of Allylindium Reagents.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
83	Synthesis of Benzo[b]fluorenone Nuclei of Stealthins. <i>Research Letters in Organic Chemistry</i> , 2009, 2009, 1-5.	0.6	0
84	C-Glycosylation of Substituted 1-Naphthols with Trichloroacetimidate Glycosyl Donors. <i>Synthesis</i> , 2018, 50, 1560-1568.	2.3	0
85	Regioselective Synthesis of Dihydro-1H-furo[b]indol-1-ones and Their Carbanionic Reactivity. <i>Synthesis</i> , 2018, 50, 3723-3730.	2.3	0
86	Comparative Annulation Chemistry of Phthalides, Homophthalic Anhydrides and o-Toluates. , 2019, , 303-335.		0
87	Hauser [4 + 2] Annulation: Definition, History, Mechanism, and Types of Phthalide Donors and Toluates Donors. , 2019, , 31-42.		0
88	[4 + 2] Annulation With Nonactivated Phthalides (Sammes Annulation). , 2019, , 181-222.		0
89	Applications of [4 + 2] Anionic Annulations in the Total Synthesis. , 2019, , 337-372.		0
90	Miscellaneous Anionic Annulations. , 2019, , 373-414.		0

#	ARTICLE	IF	CITATIONS
91	[4 + 2] Annulation of Activated o-Toluate/o-Tolualdehyde Donors (Hauser-Leusen Annulation). , 2019, , 247-273.		0