Diptesh Sil

List of Publications by Year in Descending Order

28 papers	461 citations	12 h-index	21 g-index
39 ext. papers	506 ext. citations	3.9 avg, IF	2.78 L-index

#	Paper	IF	Citations
28	Intraperitoneal siRNA Nanoparticles for Augmentation of Gemcitabine Efficacy in the Treatment of Pancreatic Cancer. *Molecular Pharmaceutics*, **2021**, 18, 4448-4458	5.6	3
27	Polycation fluorination improves intraperitoneal siRNA delivery in metastatic pancreatic cancer. *Journal of Controlled Release*, **2021**, 333, 139-150	11.7	6
26	Structure-Based Design of Human TLR8-Specific Agonists with Augmented Potency and Adjuvanticity. *Journal of Medicinal Chemistry*, **2015**, 58, 7833-49	8.3	37
25	Determinants of activity at human Toll-like receptors 7 and 8: quantitative structure-activity relationship (QSAR) of diverse heterocyclic scaffolds. *Journal of Medicinal Chemistry*, **2014**, 57, 7955-70	8.3	48
24	Structure-based design of novel human Toll-like receptor 8 agonists. *ChemMedChem*, **2014**, 9, 719-23	3.7	36
23	Exquisite selectivity for human toll-like receptor 8 in substituted furo[2,3-c]quinolines. *Journal of Medicinal Chemistry*, **2013**, 56, 6871-85	8.3	46
22	Toll-like receptor-8 agonistic activities in C2, C4, and C8 modified thiazolo[4,5-c]quinolines. *Organic and Biomolecular Chemistry*, **2013**, 11, 1179-98	3.9	47
21	Biophysical mechanisms of the neutralization of endotoxins by lipopolyamines. *The Open Biochemistry Journal*, **2013**, 7, 82-93	0.9	6
20	Imbuing aqueous solubility to amphotericin B and nystatin with a vitamin. *Molecular Pharmaceutics*, **2011**, 8, 297-301	5.6	7
19	Development of small-molecule endotoxin sequestering agents. *Sub-Cellular Biochemistry*, **2010**, 53, 255-83	5.5	3
18	Potential adjuvantic properties of innate immune stimuli. *Hum Vaccin*, **2009**, 5, 381-94		62
17	Structure-activity relationships of lipopolysaccharide sequestration in guanylhydrazone-bearing lipopolyamines. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 709-15	3.4	12
16	Structure-activity relationships of lipopolysaccharide sequestration in N-alkylpolyamines. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 2478-81	2.9	5
15	Synthesis of a highly water-soluble derivative of amphotericin B with attenuated proinflammatory activity. *Molecular Pharmaceutics*, **2009**, 6, 1582-90	5.6	13
14	Controlling plasma protein binding: structural correlates of interactions of hydrophobic polyamine endotoxin sequestrants with human serum albumin. *Molecular Pharmaceutics*, **2008**, 5, 1131-7	5.6	14
13	Pharmacokinetics of DS-96, an alkylpolyamine lipopolysaccharide sequestrant, in rodents. *Journal of Pharmaceutical Sciences*, **2008**, 97, 5376-85	3.9	4
12	Bound to shock: protection from lethal endotoxemic shock by a novel, nontoxic, alkylpolyamine lipopolysaccharide sequestrant. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 2811-9	5.9	21

List of Publications

11	Unusual sulfanylation through ring transformation of arene-tethered 2H-pyran-2-ones by in situ built Michael adduct. *Tetrahedron Letters*, **2006**, 47, 3759-3762	2	6
10	Stereoselective alkenylation of a 1,3-disubstituted pyrazol-5-one through ring transformation of 2H-pyran-2-ones. *Tetrahedron Letters*, **2005**, 46, 3807-3809	2	21
9	Substituent dependent regioselective synthesis of pyranopyrandiones and 1,2-teraryls from 2H-pyran-2-ones. *Tetrahedron Letters*, **2005**, 46, 5025-5027	2	5
8	A one-pot efficient synthesis of highly functionalized 5,6-dihydronaphthalenes from 2H-pyran-2-one. *Tetrahedron Letters*, **2005**, 46, 5013-5015	2	6
7	An innovative approach to the synthesis of substituted benzaldehydes through carbanion induced ring transformation of suitably functionalized 2H-pyran-2-ones. *Tetrahedron Letters*, **2004**, 45, 5743-5745	2	13
6	A concise synthesis of highly functionalized □unsaturated □butyrolactones through ring contraction of 2H-pyran-2-ones. *Tetrahedron Letters*, **2004**, 45, 6273-6276	2	13
5	One-pot synthesis of cyclopentadienones through ring contraction of 2H-pyran-2-ones. *Tetrahedron Letters*, **2004**, 45, 6619-6621	2	4
4	An efficient synthesis of 4H,5H-pyrano[3,4-c]pyran-4,5-diones from a suitably functionalized 2H-pyran-2-one. *Tetrahedron Letters*, **2004**, 45, 8195-8197	2	5
3	Synthesis of ferrocenylarenes and heteroarenes through nucleophile induced ring transformation of 2H-pyran-2-ones. *Tetrahedron Letters*, **2004**, 45, 9025-9027	2	4
2	Synthesis and glucose-6-phosphatase inhibitory activity of (thiouriedo)alkanoic acid esters. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 2571-4	2.9	6
1	An efficient controlled synthesis of bent-core oligoarenes and heteroarenes through ring transformation of 2H-pyran-2-ones. *Tetrahedron Letters*, **2003**, 44, 3363-3365	2	8