

Diptesh Sil

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Potential adjuvant properties of innate immune stimuli. <i>Hum Vaccin</i> , 2009 , 5, 381-94		62
27	Determinants of activity at human Toll-like receptors 7 and 8: quantitative structure-activity relationship (QSAR) of diverse heterocyclic scaffolds. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7955-70	8.3	48
26	Toll-like receptor-8 agonistic activities in C2, C4, and C8 modified thiazolo[4,5-c]quinolines. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1179-98	3.9	47
25	Exquisite selectivity for human toll-like receptor 8 in substituted furo[2,3-c]quinolines. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 6871-85	8.3	46
24	Structure-Based Design of Human TLR8-Specific Agonists with Augmented Potency and Adjuvanticity. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 7833-49	8.3	37
23	Structure-based design of novel human Toll-like receptor 8 agonists. <i>ChemMedChem</i> , 2014 , 9, 719-23	3.7	36
22	Bound to shock: protection from lethal endotoxemic shock by a novel, nontoxic, alkylpolyamine lipopolysaccharide sequestrant. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2811-9	5.9	21
21	Stereoselective alkenylation of a 1,3-disubstituted pyrazol-5-one through ring transformation of 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2005 , 46, 3807-3809	2	21
20	Controlling plasma protein binding: structural correlates of interactions of hydrophobic polyamine endotoxin sequestrants with human serum albumin. <i>Molecular Pharmaceutics</i> , 2008 , 5, 1131-7	5.6	14
19	Synthesis of a highly water-soluble derivative of amphotericin B with attenuated proinflammatory activity. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1582-90	5.6	13
18	An innovative approach to the synthesis of substituted benzaldehydes through carbanion induced ring transformation of suitably functionalized 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2004 , 45, 5743-5745 ²		13
17	A concise synthesis of highly functionalized α -unsaturated β -butyrolactones through ring contraction of 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2004 , 45, 6273-6276	2	13
16	Structure-activity relationships of lipopolysaccharide sequestration in guanylhydrazone-bearing lipopolyamines. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 709-15	3.4	12
15	An efficient controlled synthesis of bent-core oligoarenes and heteroarenes through ring transformation of 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2003 , 44, 3363-3365	2	8
14	Imbuing aqueous solubility to amphotericin B and nystatin with a vitamin. <i>Molecular Pharmaceutics</i> , 2011 , 8, 297-301	5.6	7
13	Unusual sulfanylation through ring transformation of arene-tethered 2H-pyran-2-ones by in situ built Michael adduct. <i>Tetrahedron Letters</i> , 2006 , 47, 3759-3762	2	6
12	Synthesis and glucose-6-phosphatase inhibitory activity of (thiourido)alkanoic acid esters. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 2571-4	2.9	6

11	A one-pot efficient synthesis of highly functionalized 5,6-dihydronaphthalenes from 2H-pyran-2-one. <i>Tetrahedron Letters</i> , 2005 , 46, 5013-5015	2	6
10	Biophysical mechanisms of the neutralization of endotoxins by lipopolyamines. <i>The Open Biochemistry Journal</i> , 2013 , 7, 82-93	0.9	6
9	Polycation fluorination improves intraperitoneal siRNA delivery in metastatic pancreatic cancer. <i>Journal of Controlled Release</i> , 2021 , 333, 139-150	11.7	6
8	Structure-activity relationships of lipopolysaccharide sequestration in N-alkylpolyamines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 2478-81	2.9	5
7	An efficient synthesis of 4H,5H-pyrano[3,4-c]pyran-4,5-diones from a suitably functionalized 2H-pyran-2-one. <i>Tetrahedron Letters</i> , 2004 , 45, 8195-8197	2	5
6	Substituent dependent regioselective synthesis of pyranopyrandiones and 1,2-teraryls from 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2005 , 46, 5025-5027	2	5
5	Pharmacokinetics of DS-96, an alkylpolyamine lipopolysaccharide sequestrant, in rodents. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 5376-85	3.9	4
4	One-pot synthesis of cyclopentadienones through ring contraction of 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2004 , 45, 6619-6621	2	4
3	Synthesis of ferrocenylarenes and heteroarenes through nucleophile induced ring transformation of 2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 2004 , 45, 9025-9027	2	4
2	Development of small-molecule endotoxin sequestering agents. <i>Sub-Cellular Biochemistry</i> , 2010 , 53, 255-83	5.5	3
1	Intraperitoneal siRNA Nanoparticles for Augmentation of Gemcitabine Efficacy in the Treatment of Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , 2021 , 18, 4448-4458	5.6	3