

# Shweta Sinha

## List of Publications by Year in descending order

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13  
papers

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citations

1163117

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1125743

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13  
docs citations

13  
times ranked

370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of pyrroquinazoline alkaloids from <i>Adhatoda vasica</i> Nees. as inhibitors of 5-LOX – a computational and an in-vitro study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-12.	3.5	6
2	5-Lipoxygenase as a drug target: A review on trends in inhibitors structural design, SAR and mechanism based approach. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3745-3759.	3.0	55
3	Chalcone-Thiazole Hybrids: Rational Design, Synthesis, and Lead Identification against 5-Lipoxygenase. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1415-1422.	2.8	23
4	A novel class of tyrosine derivatives as dual 5-LOX and COX-2/mPGES1 inhibitors with PGE <sub>2</sub> mediated anticancer properties. <i>New Journal of Chemistry</i> , 2019, 43, 834-846.	2.8	13
5	Synthesis of diarylidencyclohexanone derivatives as potential anti-inflammatory leads against COX-2/mPGES1 and 5-LOX. <i>New Journal of Chemistry</i> , 2019, 43, 9012-9020.	2.8	11
6	Design, synthesis and identification of novel coumapherine derivatives for inhibition of human 5-LOX: Antioxidant, pseudoperoxidase and docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 604-619.	3.0	16
7	Design, synthesis and identification of novel substituted 2-amino thiazole analogues as potential anti-inflammatory agents targeting 5-lipoxygenase. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 34-50.	5.5	50
8	Inhibition of the enzymes in the leukotriene and prostaglandin pathways in inflammation by 3-aryl isocoumarins. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 428-434.	5.5	17
9	2-Amino-4-aryl thiazole: a promising scaffold identified as a potent 5-LOX inhibitor. <i>RSC Advances</i> , 2016, 6, 19271-19279.	3.6	16
10	Association of IL13R Alpha 1 + 1398A/G Polymorphism in a North Indian Population with Asthma: A Case-Control Study. <i>Allergy and Rhinology</i> , 2015, 6, ar.2015.6.0126.	1.6	3
11	Association of Interleukin 7 Receptor (rs1494555 and rs6897932) Gene Polymorphisms with Asthma in a North Indian Population. <i>Allergy and Rhinology</i> , 2015, 6, ar.2015.6.0137.	1.6	6
12	Protective Association of TIM1 rs1454G>A Polymorphism with Asthma in a North Indian Population. <i>Lung</i> , 2015, 193, 31-38.	3.3	5
13	Association of 24bp Duplication of Human CHIT1 Gene with Asthma in a Heterozygous Population of North India: A Case-Control Study. <i>Lung</i> , 2014, 192, 685-691.	3.3	7