

# Prafull S Gandhi

## List of Publications by Year in descending order

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15  
papers

382  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural identification of the pathway of long-range communication in an allosteric enzyme. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1832-1837.	7.1	97
2	Crystal Structure of Thrombin Bound to the Uncleaved Extracellular Fragment of PAR1. Journal of Biological Chemistry, 2010, 285, 15393-15398.	3.4	56
3	Crystallographic and Kinetic Evidence of Allostery in a Trypsin-like Protease. Biochemistry, 2011, 50, 6301-6307.	2.5	44
4	Engineering Thrombin for Selective Specificity toward Protein C and PAR1. Journal of Biological Chemistry, 2010, 285, 19145-19152.	3.4	38
5	Mutant N143P Reveals How Na <sup>+</sup> Activates Thrombin. Journal of Biological Chemistry, 2009, 284, 36175-36185.	3.4	31
6	Structural basis of thrombinâ€“proteaseâ€“activated receptor interactions. IUBMB Life, 2011, 63, 375-382.	3.4	25
7	Mechanism of the Anticoagulant Activity of Thrombin Mutant W215A/E217A. Journal of Biological Chemistry, 2009, 284, 24098-24105.	3.4	23
8	Stabilization of the E* Form Turns Thrombin into an Anticoagulant. Journal of Biological Chemistry, 2009, 284, 20034-20040.	3.4	22
9	Molecular Basis of Enhanced Activity in Factor VIIa-Trypsin Variants Conveys Insights into Tissue Factor-mediated Allosteric Regulation of Factor VIIa Activity. Journal of Biological Chemistry, 2016, 291, 4671-4683.	3.4	16
10	Allostery in Coagulation Factor VIIa Revealed by Ensemble Refinement of Crystallographic Structures. Biophysical Journal, 2019, 116, 1823-1835.	0.5	7
11	19F NMR reveals the conformational properties of free thrombin and its zymogen precursor prethrombin-2. Journal of Biological Chemistry, 2020, 295, 8227-8235.	3.4	7
12	Beating tissue factor at its own game: Design and properties of a soluble tissue factorâ€“independent coagulation factor VIIa. Journal of Biological Chemistry, 2020, 295, 517-528.	3.4	7
13	Engineering of a membrane-triggered activity switch in coagulation factor VIIa. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12454-12459.	7.1	6
14	A systematic approach for evaluating the role of surface-exposed loops in trypsin-like serine proteases applied to the 170 loop in coagulation factor VIIa. Scientific Reports, 2022, 12, 3747.	3.3	2
15	Modulating the Antithrombin-Mediated in Vivo Clearance of Coagulation Factor VIIa. Blood, 2014, 124, 4233-4233.	1.4	1