

# Prafull S Gandhi

## List of Publications by Year in descending order

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15  
papers

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citations

1040056

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docs citations

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times ranked

410  
citing authors

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