Stefania Di Marco

List of Publications by Year
in descending order

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37 papers	9,938 citations	186265 28 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	17558 citing authors

#	Article	IF	Citations
1	Safety and efficacy of the ChAdOx1 nCoV-19 vaccine (AZD1222) against SARS-CoV-2: an interim analysis of four randomised controlled trials in Brazil, South Africa, and the UK. Lancet, The, 2021, 397, 99-111.	13.7	3,887
2	Safety and immunogenicity of ChAdOx1 nCoV-19 vaccine administered in a prime-boost regimen in young and old adults (COV002): a single-blind, randomised, controlled, phase 2/3 trial. Lancet, The, 2020, 396, 1979-1993.	13.7	1,196
3	Single-dose administration and the influence of the timing of the booster dose on immunogenicity and efficacy of ChAdOx1 nCoV-19 (AZD1222) vaccine: a pooled analysis of four randomised trials. Lancet, The, 2021, 397, 881-891.	13.7	979
4	Crystal structure of a eukaryotic zinc-dependent histone deacetylase, human HDAC8, complexed with a hydroxamic acid inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15064-15069.	7.1	573
5	HDACs, histone deacetylation and gene transcription: from molecular biology to cancer therapeutics. Cell Research, 2007, 17, 195-211.	12.0	481
6	The crystal structure of the quorum sensing protein TraR bound to its autoinducer and target DNA. EMBO Journal, 2002, 21, 4393-4401.	7.8	306
7	A Monovalent Chimpanzee Adenovirus Ebola Vaccine Boosted with MVA. New England Journal of Medicine, 2016, 374, 1635-1646.	27.0	295
8	Substrate binding to histone deacetylases as shown by the crystal structure of the HDAC8â€“substrate complex. EMBO Reports, 2007, 8, 879-884.	4.5	230
9	Structure of Recombinant Human CPP32 in Complex with the Tetrapeptide Acetyl-Asp-Val-Ala-Asp Fluoromethyl Ketone. Journal of Biological Chemistry, 1997, 272, 6539-6547.	3.4	215
10	The 1.2 Ã... crystal structure of hirustasin reveals the intrinsic flexibility of a family of highly disulphide-bridged inhibitors. Structure, 1999, 7, 55-63.	3.3	190
11	Interdomain Communication in Hepatitis C Virus Polymerase Abolished by Small Molecule Inhibitors Bound to a Novel Allosteric Site. Journal of Biological Chemistry, 2005, 280, 29765-29770.	3.4	152
12	The three-dimensional structure of caspase-8: an initiator enzyme in apoptosis. Structure, 1999, 7, 1125-1133.	3.3	131
13	A PCSK9-binding antibody that structurally mimics the EGF(A) domain of LDL-receptor reduces LDL cholesterol in vivo1 [S]. Journal of Lipid Research, 2011, 52, 78-86.	4.2	117
14	Domains of Interaction between Alpha Interferon and its Receptor Components. Journal of Molecular Biology, 1994, 243, 245-257.	4.2	116
15	Inhibition of the Hepatitis C Virus NS3/4A Protease. Journal of Biological Chemistry, 2000, 275, 7152-7157.	3.4	116
16	Chimpanzee adenovirusâ€“ and MVA-vectored respiratory syncytial virus vaccine is safe and immunogenic in adults. Science Translational Medicine, 2015, 7, 300ra126.	12.4	109
17	Human vaccination against RH5 induces neutralizing antimalarial antibodies that inhibit RH5 invasion complex interactions. JCI Insight, 2017, 2, .	5.0	109
18	A third generation vaccine for human visceral leishmaniasis and post kala azar dermal leishmaniasis: First-in-human trial of ChAd63-KH. PLoS Neglected Tropical Diseases, 2017, 11, e0005527.	3.0	109

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19	Potent Inhibitors of Subgenomic Hepatitis C Virus RNA Replication through Optimization of Indole-N-Acetamide Allosteric Inhibitors of the Viral NS5B Polymerase. Journal of Medicinal Chemistry, 2005, 48, 4547-4557.	6.4	102
20	A Proprotein Convertase Subtilisin-like/Kexin Type 9 (PCSK9) C-terminal Domain Antibody Antigen-binding Fragment Inhibits PCSK9 Internalization and Restores Low Density Lipoprotein Uptake. Journal of Biological Chemistry, 2010, 285, 12882-12891.	3.4	95
21	Discovery of (7R)-14-Cyclohexyl-7-{[2-(dimethylamino)ethyl](methyl) amino}-7,8-dihydro-6H-indolo[1,2-e][1,5]benzoxazocine-11-carboxylic Acid (MK-3281), a Potent and Orally Bioavailable Finger-Loop Inhibitor of the Hepatitis C Virus NS5B Polymerase. Journal of Medicinal Chemistry, 2011, 54, 289-301.	6.4	63
22	A new structural class of serine protease inhibitors revealed by the structure of the hirustasinâ€“kallikrein complex. Structure, 1997, 5, 253-264.	3.3	52
23	Recombinant Soluble beta-1,4-Galactosyltransferases Expressed in Saccharomyces cerevisiae. Purification, Characterization and Comparison with Human Enzyme. FEBS Journal, 1996, 239, 340-348.	0.2	47
24	Identification and Biological Evaluation of a Series of 1H-Benzo[de]isoquinoline-1,3(2H)-diones as Hepatitis C Virus NS5B Polymerase Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 5217-5227.	6.4	42
25	Nucleic Acid Binding of the RTN1-C C-Terminal Region: Toward the Functional Role of a Reticulon Protein. Biochemistry, 2009, 48, 242-253.	2.5	40
26	Crystal Structure of the Quorum-sensing Protein TraM and Its Interaction with the Transcriptional Regulator TraR. Journal of Biological Chemistry, 2004, 279, 24291-24296.	3.4	35
27	The Design and Enzyme-Bound Crystal Structure of Indoline Based Peptidomimetic Inhibitors of Hepatitis C Virus NS3 Protease. Journal of Medicinal Chemistry, 2004, 47, 6443-6446.	6.4	35
28	Multiple Determinants Influence Complex Formation of the Hepatitis C Virus NS3 Protease Domain with Its NS4A Cofactor Peptide. Biochemistry, 1999, 38, 5206-5215.	2.5	31
29	Antitumor activity of recombinant adenoviral vectors expressing murine IFN-Î± in mice injected with metastatic IFN-resistant tumor cells. Cancer Gene Therapy, 2001, 8, 63-72.	4.6	24
30	Optimization of Thienopyrroleâ€Based Fingerâ€Loop Inhibitors of the Hepatitisâ€…C Virus NS5B Polymerase. ChemMedChem, 2009, 4, 1695-1713.	3.2	22
31	Interferon-alpha hybrids. , 1995, 66, 507-534.		15
32	Refolding, isolation and characterization of crystallizable human interferon-Î±8 expressed in Saccharomyces cerevisiae. Journal of Biotechnology, 1996, 50, 63-73.	3.8	8
33	Recombinant hirustasin: Production in yeast, crystallization, and interaction with serine proteases. Protein Science, 1997, 6, 109-118.	7.6	7
34	Crystallization and preliminary X-ray diffraction studies of the transcriptional regulator TraR bound to its cofactor and to a specific DNA sequence. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1362-1364.	2.5	4
35	Determination of the stoichiometry of noncovalent complexes using reverse-phase high-performance liquid chromatography coupled with electrospray ion trap mass spectrometry. Analytical Biochemistry, 2002, 309, 11-18.	2.4	4
36	Crystallization and preliminary X-ray diffraction studies of the quorum-sensing regulator TraM fromAgrobacterium tumefaciens. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 146-148.	2.5	1

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37	Preparation and Handling of Hepatitis C Viral Proteins NS3 and NS5B for Structural Studies. Methods in Molecular Biology, 2009, 510, 111-124.	0.9	0