

# Lorenzo Galli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10992692/publications.pdf>

Version: 2024-02-01

14  
papers

1,599  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial time-resolved crystallography of photosystem II using a femtosecond X-ray laser. <i>Nature</i> , 2014, 513, 261-265.	27.8	403
2	Natively Inhibited <i>Trypanosoma brucei</i> Cathepsin B Structure Determined by Using an X-ray Laser. <i>Science</i> , 2013, 339, 227-230.	12.6	393
3	Recent developments in CrystFEL. <i>Journal of Applied Crystallography</i> , 2016, 49, 680-689.	4.5	222
4	Room-temperature macromolecular serial crystallography using synchrotron radiation. <i>IUCr</i> , 2014, 1, 204-212.	2.2	221
5	Macromolecular diffractive imaging using imperfect crystals. <i>Nature</i> , 2016, 530, 202-206.	27.8	123
6	Structure of a photosynthetic reaction centre determined by serial femtosecond crystallography. <i>Nature Communications</i> , 2013, 4, 2911.	12.8	74
7	Atomic structure of granulin determined from native nanocrystalline granulovirus using an X-ray free-electron laser. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2247-2252.	7.1	65
8	Towards RIP using free-electron laser SFX data. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 249-255.	2.4	27
9	Towards phasing using high X-ray intensity. <i>IUCr</i> , 2015, 2, 627-634.	2.2	24
10	Effects of self-seeding and crystal post-selection on the quality of Monte Carlo-integrated SFX data. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 644-652.	2.4	20
11	Analysis of XFEL serial diffraction data from individual crystalline fibrils. <i>IUCr</i> , 2017, 4, 795-811.	2.2	16
12	XFEL and NMR Structures of Francisella Lipoprotein Reveal Conformational Space of Drug Target against Tularemia. <i>Structure</i> , 2020, 28, 540-547.e3.	3.3	8
13	Implications of the focal beam profile in serial femtosecond crystallography. , 2015, , .		2
14	Trace phase detection and strain characterization from serial X-ray free-electron laser crystallography of a $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ powder. <i>Powder Diffraction</i> , 2015, 30, S25-S30.	0.2	1