

# Stefan Meingast

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2666844/publications.pdf>

Version: 2024-02-01

16  
papers

660  
citations

623734

14  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1136  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D shape of Orion A from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 619, A106.	5.1	106
2	A Galactic-scale gas wave in the solar neighbourhood. <i>Nature</i> , 2020, 578, 237-239.	27.8	86
3	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2019, 622, L13.	5.1	76
4	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2019, 621, L3.	5.1	70
5	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2021, 645, A84.	5.1	64
6	VISION – Vienna survey in Orion. <i>Astronomy and Astrophysics</i> , 2016, 587, A153.	5.1	54
7	3D dynamics of the Orion cloud complex. <i>Astronomy and Astrophysics</i> , 2021, 647, A91.	5.1	35
8	VISION – Vienna survey in Orion. <i>Astronomy and Astrophysics</i> , 2019, 622, A149.	5.1	34
9	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2019, 624, L11.	5.1	29
10	Extended stellar systems in the solar neighborhood. <i>Astronomy and Astrophysics</i> , 2020, 639, A64.	5.1	24
11	The <i>IK</i> Ophiuchi region revisited with <i>Gaia</i> EDR3. <i>Astronomy and Astrophysics</i> , 2021, 652, A2.	5.1	18
12	Evidence for Radial Expansion at the Core of the Orion Complex with <i>Gaia</i> EDR3. <i>Astrophysical Journal</i> , 2021, 917, 21.	4.5	18
13	VISION - Vienna Survey in Orion. <i>Astronomy and Astrophysics</i> , 2018, 614, A65.	5.1	16
14	Estimating extinction using unsupervised machine learning. <i>Astronomy and Astrophysics</i> , 2017, 601, A137.	5.1	14
15	Gas absorption and dust extinction towards the Orion Nebula Cluster. <i>Astronomy and Astrophysics</i> , 2016, 593, A7.	5.1	10
16	The CARMA-NRO Orion Survey: Core Emergence and Kinematics in the Orion A Cloud. <i>Astrophysical Journal</i> , 2019, 882, 45.	4.5	6