

# Alex Konopliv

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1758148/publications.pdf>

Version: 2024-02-01

22  
papers

3,329  
citations

394421

19  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gravity, Geodesy and Fundamental Physics with BepiColombo's MORE Investigation. Space Science Reviews, 2021, 217, 1.	8.1	28
2	Detection of the Chandler Wobble of Mars From Orbiting Spacecraft. Geophysical Research Letters, 2020, 47, e2020GL090568.	4.0	37
3	A high resolution Mars surface gravity grid. Planetary and Space Science, 2018, 160, 84-106.	1.7	11
4	Precession of Mercury's Perihelion from Ranging to the MESSENGER Spacecraft. Astronomical Journal, 2017, 153, 121.	4.7	134
5	An improved JPL Mars gravity field and orientation from Mars orbiter and lander tracking data. Icarus, 2016, 274, 253-260.	2.5	134
6	Gravity field of the Orientale basin from the Gravity Recovery and Interior Laboratory Mission. Science, 2016, 354, 438-441.	12.6	38
7	VERY LONG BASELINE ARRAY ASTROMETRIC OBSERVATIONS OF MARS ORBITERS. Astronomical Journal, 2015, 150, 121.	4.7	11
8	Lunar impact basins revealed by Gravity Recovery and Interior Laboratory measurements. Science Advances, 2015, 1, e1500852.	10.3	173
9	New constraints on Mars rotation determined from radiometric tracking of the Opportunity Mars Exploration Rover. Icarus, 2014, 229, 340-347.	2.5	41
10	Ancient Igneous Intrusions and Early Expansion of the Moon Revealed by GRAIL Gravity Gradiometry. Science, 2013, 339, 675-678.	12.6	177
11	Gravity Field of the Moon from the Gravity Recovery and Interior Laboratory (GRAIL) Mission. Science, 2013, 339, 668-671.	12.6	389
12	The Crust of the Moon as Seen by GRAIL. Science, 2013, 339, 671-675.	12.6	726
13	The JPL lunar gravity field to spherical harmonic degree 660 from the GRAIL Primary Mission. Journal of Geophysical Research E: Planets, 2013, 118, 1415-1434.	3.6	143
14	Origin, Internal Structure and Evolution of 4 Vesta. Space Science Reviews, 2011, 163, 77-93.	8.1	54
15	Mars high resolution gravity fields from MRO, Mars seasonal gravity, and other dynamical parameters. Icarus, 2011, 211, 401-428.	2.5	308
16	Origin, Internal Structure and Evolution of 4 Vesta. , 2011, , 77-93.		0
17	Mars Reconnaissance Orbiter Radio Science Gravity Investigation. Journal of Geophysical Research, 2007, 112, .	3.3	39
18	A global solution for the Mars static and seasonal gravity, Mars orientation, Phobos and Deimos masses, and Mars ephemeris. Icarus, 2006, 182, 23-50.	2.5	260

#	ARTICLE	IF	CITATIONS
19	A Global Solution for the Gravity Field, Rotation, Landmarks, and Ephemeris of Eros. <i>Icarus</i> , 2002, 160, 289-299.	2.5	75
20	Gravity field of Mars: A 75th Degree and Order Model. <i>Journal of Geophysical Research</i> , 2001, 106, 23377-23401.	3.3	103
21	Recent Gravity Models as a Result of the Lunar Prospector Mission. <i>Icarus</i> , 2001, 150, 1-18.	2.5	321
22	The Gravity Field of Mars: Results from Mars Global Surveyor. <i>Science</i> , 1999, 286, 94-97.	12.6	127