R D Gehrz

List of Publications by Year
in descending order

50	4,253	279487 23	189595 50
papers	citations	h-index	g-index

50	50	50	4565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Infrared Evolution of Dust in V838 Monocerotis. Astronomical Journal, 2021, 162, 183.	1.9	8
2	Isotopic ratios in the red giant component of the recurrent nova TÂCoronae Borealis. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4853-4863.	1.6	3
3	The infrared view of dust and molecules around V4334ÂSgr (Sakuraiâ€™s object): a 20-yr retrospective. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1277-1291.	1.6	15
4	An Infrared Census of DUST in Nearby Galaxies with Spitzer (DUSTiNGS). V. The Periodâ€“Luminosity Relation for Dusty Metal-poor AGB Stars. Astrophysical Journal, 2019, 877, 49.	1.6	23
5	SPIRITS Catalog of Infrared Variables: Identification of Extremely Luminous Long Period Variables. Astrophysical Journal, 2019, 877, 110.	1.6	15
6	Gas phase SiO in the circumstellar environment of the recurrent nova TÂCoronae Borealis. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3498-3505.	1.6	6
7	The Temporal Development of Dust Formation and Destruction in Nova Sagittarii 2015#2 (V5668 SGR): A Panchromatic Study. Astrophysical Journal, 2018, 858, 78.	1.6	21
8	SPIRITS: Uncovering Unusual Infrared Transients with Spitzer. Astrophysical Journal, 2017, 839, 88.	1.6	75
9	A SOFIA FORCAST Grism Study of the Mineralogy of Dust in the Winds of Proto-planetary Nebulae: RV Tauri Stars and SRd Variables. Astrophysical Journal, 2017, 843, 51.	1.6	6
10	DUSTiNGS. III. DISTRIBUTION OF INTERMEDIATE-AGE AND OLD STELLAR POPULATIONS IN DISKS AND OUTER EXTREMITIES OF DWARF GALAXIES. Astrophysical Journal, 2017, 834, 78.	1.6	31
11	AN EXCESS OF MID-INFRARED EMISSION FROM THE TYPE Iax SN 2014dt. Astrophysical Journal Letters, 2016, 816, L13.	3.0	33
12	SOFIA MID-INFRARED IMAGING AND CSO SUBMILLIMETER POLARIMETRY OBSERVATIONS OF G034.43+00.24 MM1*. Astronomical Journal, 2016, 151, 156.	1.9	14
13	CK Vul: a smorgasbord of hydrocarbons rules out a 1670 nova (and much else besides). Monthly Notices of the Royal Astronomical Society, 2016, 457, 2871-2876.	1.6	8
14	THE EARLY INFRARED TEMPORAL DEVELOPMENT OF NOVA DELPHINI 2013 (V339 DEL) OBSERVED WITH THE STRATOSPHERIC OBSERVATORY FOR INFRARED ASTRONOMY (SOFIA) AND FROM THE GROUND. Astrophysical Journal, 2015, 812, 132.	1.6	18
15	SOFIA/FORCAST OBSERVATIONS OF WARM DUST IN S106: A FRAGMENTED ENVIRONMENT. Astrophysical Journal, 2015, 814, 54.	1.6	5
16	OBSERVATIONS OF TYPE Ia SUPERNOVA 2014J WITH FLITECAM ON SOFIA. Astrophysical Journal, 2015, 804, 66.	1.6	19
17	A WISE view of novae â€“ I. The data. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1683-1697.	1.6	10
18	EARLY SCIENCE WITH SOFIA, THE STRATOSPHERIC OBSERVATORY FOR INFRARED ASTRONOMY. Astrophysical Journal Letters, 2012, 749, L17.	3.0	226

#	Article	IF	Citations
19	Solid-phase C60 in the peculiar binary XX Oph?. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 421, L92-L96.	1.2	18
20	Infrared observations of the recurrent nova T Pyxidis: ancient dust basks in the warm glow of the 2011 outburst. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 424, L69-L73.	1.2	8
21	Spitzer spectra of evolved stars in ï‰ Centauri and their low-metallicity dust production. Monthly Notices of the Royal Astronomical Society, 2011, 417, 20-31.	1.6	36
22	The peculiar dust shell of Nova DZ Cru (2003). Monthly Notices of the Royal Astronomical Society: Letters, 2010, 406, L85-L89.	1.2	3
23	IMAGING THE COOL HYPERGIANT NML CYGNI'S DUSTY CIRCUMSTELLAR ENVELOPE WITH ADAPTIVE OPTICS. Astrophysical Journal, 2009, 699, 1423-1432.	1.6	20
24	A Pointâ€Source Survey of M31 with theSpitzer Space Telescope. Astrophysical Journal, 2008, 687, 230-241.	1.6	28
25	The NASA Spitzer Space Telescope. Review of Scientific Instruments, 2007, 78, 011302.	0.6	110
26	The M33 Variable Star Population Revealed bySpitzer. Astrophysical Journal, 2007, 664, 850-861.	1.6	55
27	The Early Spectrophotometric Evolution of V1186 Scorpii (Nova Scorpii 2004 No. 1). Astronomical Journal, 2007, 134, 516-526.	1.9	14
28	Spitzer and Ground-based Infrared Observations of the 2006 Eruption of RS Ophiuchi. Astrophysical Journal, 2007, 663, L29-L32.	1.6	20
29	Water in Comet C/2003 K4 (LINEAR) withSpitzer. Astrophysical Journal, 2007, 671, 1065-1074.	1.6	36
30	Silicate Dust in the Environment of RS Ophiuchi following the 2006 Eruption. Astrophysical Journal, 2007, 671, L157-L160.	1.6	25
31	The SSS Phase of RS Ophiuchi Observed withChandraandXMMâ€Newton. I. Data and Preliminary Modeling. Astrophysical Journal, 2007, 665, 1334-1348.	1.6	61
32	Stratospheric Observatory for Infrared Astronomy (SOFIA). Proceedings of SPIE, 2007, , .	0.8	21
33	Keck spectroscopy and Spitzer space telescope analysis ofÂtheÂouter disk of the Triangulum spiral galaxy Mâ€‰33. Astronomy and Astrophysics, 2007, 471, 467-474.	2.1	12
34	Dusty Waves on a Starry Sea: The Mid-Infrared View of M31. Astrophysical Journal, 2006, 650, L45-L49.	1.6	118
35	Mapping and Mass Measurement of the Cold Dust in NGC 205 withSpitzer. Astrophysical Journal, 2006, 646, 929-938.	1.6	25
36	Detection of a Far-Infrared Bow Shock Nebula around R Hya: The First MIRIAD Results. Astrophysical Journal, 2006, 648, L39-L42.	1.6	47

#	Article	IF	Citations
37	Early Infrared Spectral Development of V1187 Scorpii (Nova Scorpii 2004 No. 2). Astrophysical Journal, 2006, 638, 987-1003.	1.6	12
38	Spitzer Far-Infrared Detections of Cold Circumstellar Disks. Astrophysical Journal, 2006, 644, L125-L128.	1.6	27
39	Detached shells as tracers of asymptotic giant branch-interstellar medium bow shocks. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 372, L63-L67.	1.2	33
40	The Spitzer Infrared Spectrometer view of V4334 Sgr (Sakurai's Object). Monthly Notices of the Royal Astronomical Society: Letters, 2006, 373, L75-L79.	1.2	29
41	The first 8â€“13 Î¼m spectra of globular cluster red giants: circumstellar silicate dust grains in 47â€‰Tucanae (NGCâ€‰104). Astronomy and Astrophysics, 2006, 450, 339-343.	2.1	32
42	The Spitzer Space Telescope Mission. Astrophysical Journal, Supplement Series, 2004, 154, 1-9.	3.0	2,410
43	A Chandra Low Energy Transmission Grating Spectrometer Observation of V4743 Sagittarii: A Supersoft X-Ray Source and a Violently Variable Light Curve. Astrophysical Journal, 2003, 594, L127-L130.	1.6	79
44	The Extraordinary Xâ€ray Light Curve of the Classical Nova V1494 Aquilae (1999 No. 2) in Outburst: The Discovery of Pulsations and a â€œBurstâ€. Astrophysical Journal, 2003, 584, 448-452.	1.6	68
45	The Temporal Evolution of the Nearâ€Infrared Light Curves of V1974 Cygni (Nova Cygni 1992). Astrophysical Journal, 1997, 477, 817-824.	1.6	23
46	The Infrared Spectrum of the Optically Thin Dust Shell of V705 Cassiopeiae (Nova Cassiopeiae 1993). Astrophysical Journal, 1995, 448, .	1.6	16
47	Ground-based infrared observations of comet Halley. Nature, 1987, 326, 55-57.	13.7	8
48	The Formation of Stellar Systems from Interstellar Molecular Clouds. Science, 1984, 224, 823-830.	6.0	13
49	Infrared observations of Be stars from 2,3 to 19,5 microns.. Astrophysical Journal, 1974, 191, 675.	1.6	159
50	Mass Loss from M Stars. Astrophysical Journal, 1971, 165, 285.	1.6	151