

Rubab Khan

List of Publications by Year in descending order

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44
papers

3,449
citations

236925

25
h-index

243625

44
g-index

44
all docs

44
docs citations

44
times ranked

3500
citing authors

#	ARTICLE	IF	CITATIONS
1	LIGO: the Laser Interferometer Gravitational-Wave Observatory. Reports on Progress in Physics, 2009, 72, 076901.	20.1	971
2	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	27.8	303
3	Beating the Spin-Down Limit on Gravitational Wave Emission from the Crab Pulsar. Astrophysical Journal, 2008, 683, L45-L49.	4.5	160
4	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685.	4.5	155
5	BLACK HOLE MASS ESTIMATES BASED ON C IV ARE CONSISTENT WITH THOSE BASED ON THE BALMER LINES. Astrophysical Journal, 2011, 742, 93.	4.5	132
6	Observation of a kilogram-scale oscillator near its quantum ground state. New Journal of Physics, 2009, 11, 073032.	2.9	123
7	Search for gravitational waves from low mass binary coalescences in the first year of LIGO's S5 data. Physical Review D, 2009, 79, .	4.7	120
8	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. Physical Review D, 2010, 81, .	4.7	107
9	Search for gravitational waves from low mass compact binary coalescence in 186 days of LIGO's fifth science run. Physical Review D, 2009, 80, .	4.7	105
10	ON ABSORPTION BY CIRCUMSTELLAR DUST, WITH THE PROGENITOR OF SN 2012aw AS A CASE STUDY. Astrophysical Journal, 2012, 759, 20.	4.5	92
11	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. Astrophysical Journal, 2010, 715, 1453-1461.	4.5	90
12	All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. Physical Review Letters, 2009, 102, 111102.	7.8	83
13	Einstein@Home search for periodic gravitational waves in LIGO S4 data. Physical Review D, 2009, 79, .	4.7	83
14	Search for gravitational-wave bursts in the first year of the fifth LIGO science run. Physical Review D, 2009, 80, .	4.7	79
15	Einstein@Home search for periodic gravitational waves in early S5 LIGO data. Physical Review D, 2009, 80, .	4.7	78
16	SPIRITS: Uncovering Unusual Infrared Transients with Spitzer. Astrophysical Journal, 2017, 839, 88.	4.5	75
17	Search for Gravitational-Wave Bursts from Soft Gamma Repeaters. Physical Review Letters, 2008, 101, 211102.	7.8	69
18	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452.	4.5	60

#	ARTICLE	IF	CITATIONS
19	Search for gravitational waves associated with the August 2006 timing glitch of the Vela pulsar. <i>Physical Review D</i> , 2011, 83, .	4.7	54
20	First LIGO search for gravitational wave bursts from cosmic (super)strings. <i>Physical Review D</i> , 2009, 80, .	4.7	45
21	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. <i>Astrophysical Journal</i> , 2009, 701, L68-L74.	4.5	45
22	Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. <i>Physical Review D</i> , 2009, 80, .	4.7	38
23	CENSUS OF SELF-OBSCURED MASSIVE STARS IN NEARBY GALAXIES WITH <i>SPITZER</i> : IMPLICATIONS FOR UNDERSTANDING THE PROGENITORS OF SN 2008S-LIKE TRANSIENTS. <i>Astrophysical Journal</i> , 2010, 715, 1094-1108.	4.5	37
24	Search for high frequency gravitational-wave bursts in the first calendar year of LIGO's fifth science run. <i>Physical Review D</i> , 2009, 80, .	4.7	32
25	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008, 25, 114051.	4.0	26
26	SUPER-CHANDRASEKHAR SNe Ia STRONGLY PREFER METAL-POOR ENVIRONMENTS. <i>Astrophysical Journal Letters</i> , 2011, 737, L24.	8.3	24
27	Three Successive and Interacting Shock Waves Generated by a Solar Flare. <i>Astrophysical Journal</i> , 2008, 684, L45-L49.	4.5	23
28	First joint search for gravitational-wave bursts in LIGO and GEO 600 data. <i>Classical and Quantum Gravity</i> , 2008, 25, 245008.	4.0	22
29	RISING FROM THE ASHES: MID-INFRARED RE-BRIGHTENING OF THE IMPOSTOR SN 2010da IN NGC 300. <i>Astrophysical Journal</i> , 2016, 830, 142.	4.5	22
30	<i>SPITZER</i> POINT-SOURCE CATALOGS OF ~ 300,000 STARS IN SEVEN NEARBY GALAXIES. <i>Astrophysical Journal</i> , Supplement Series, 2015, 219, 42.	7.7	20
31	The Progenitor Age and Mass of the Black Hole Formation Candidate N6946-BH1. <i>Astrophysical Journal</i> , 2018, 860, 117.	4.5	19
32	The Masses of Supernova Remnant Progenitors in M83. <i>Astrophysical Journal</i> , 2019, 881, 54.	4.5	19
33	Search method for unmodeled transient gravitational waves associated with SGR flares. <i>Classical and Quantum Gravity</i> , 2007, 24, S659-S669.	4.0	15
34	PRE-DISCOVERY AND FOLLOW-UP OBSERVATIONS OF THE NEARBY SN 2009nr: IMPLICATIONS FOR PROMPT TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2011, 726, 106.	4.5	15
35	Detecting Thin Stellar Streams in External Galaxies: Resolved Stars and Integrated Light. <i>Astrophysical Journal</i> , 2019, 883, 87.	4.5	14
36	FINDING $\hat{\tau}$ -CAR ANALOGS IN NEARBY GALAXIES USING <i>SPITZER</i> . I. CANDIDATE SELECTION. <i>Astrophysical Journal</i> , 2013, 767, 52.	4.5	13

#	ARTICLE	IF	CITATIONS
37	FINDING $\hat{\Gamma}$ -CAR ANALOGS IN NEARBY GALAXIES USING <i>Spitzer</i> . II. IDENTIFICATION OF AN EMERGING CLASS OF EXTRAGALACTIC SELF-OBSCURED STARS. <i>Astrophysical Journal</i> , 2015, 799, 187.	4.5	13
38	SPITZER PHOTOMETRY OF $\hat{\Gamma}$ 1 MILLION STARS IN M31 AND 15 OTHER GALAXIES*. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 5.	7.7	13
39	<i>OBJECT X</i> : THE BRIGHTEST MID-INFRARED POINT SOURCE IN M33. <i>Astrophysical Journal</i> , 2011, 732, 43.	4.5	12
40	Enhancing the capabilities of LIGO time-frequency plane searches through clustering. <i>Classical and Quantum Gravity</i> , 2009, 26, 155009.	4.0	10
41	Detecting long-duration narrow-band gravitational wave transients associated with soft gamma repeater quasiperiodic oscillations. <i>Physical Review D</i> , 2013, 87, .	4.7	10
42	Reducing and Analyzing the PHAT Survey with the Cloud. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 4.	7.7	9
43	SN 2010U: A LUMINOUS NOVA IN NGC 4214. <i>Astrophysical Journal Letters</i> , 2010, 718, L43-L47.	8.3	8
44	DISCOVERY OF FIVE CANDIDATE ANALOGS FOR <i>$\hat{\Gamma}$-CARINAE</i> IN NEARBY GALAXIES. <i>Astrophysical Journal Letters</i> , 2015, 815, L18.	8.3	6