

# Suliman Khan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78 papers	2,863 citations	20 h-index	53 g-index
88 ext. papers	4,018 ext. citations	5.5 avg, IF	6.45 L-index

#	Paper	IF	Citations
78	The COVID-19 infection in children and its association with the immune system, prenatal stress, and neurological complications.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 707-716	11.2	1
77	Modes of Brain Cell Death Following Intracerebral Hemorrhage.. <i>Frontiers in Cellular Neuroscience</i> , <b>2022</b> , 16, 799753	6.1	4
76	Neurological complications of COVID-19 in children and the associated immunological responses.. <i>Journal of King Saud University - Science</i> , <b>2022</b> , 34, 101884	3.6	0
75	A review on the therapeutic applications of aptamers and aptamer-conjugated nanoparticles in cancer, inflammatory and viral diseases. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103626	5.9	3
74	Matrix Metalloproteinase-9 as an Important Contributor to the Pathophysiology of Depression.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 861843	4.1	0
73	Oxidative Stress Following Intracerebral Hemorrhage: From Molecular Mechanisms to Therapeutic Targets.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 847246	8.4	2
72	Changes in adverse pregnancy outcomes in women with advanced maternal age (AMA) after the enactment of China's universal two-child policy.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5048	4.9	2
71	Emerging role of competing endogenous RNA and associated noncoding RNAs in thyroid cancer.. <i>American Journal of Cancer Research</i> , <b>2022</b> , 12, 961-973	4.4	
70	nCoV-19 peptides mass fingerprinting identification, binding, and blocking of inhibitors flavonoids and anthraquinone of and hydroxychloroquine. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 4089-4099	3.6	17
69	Gap Junctions and Hemichannels Composed of Connexins and Pannexins Mediate the Secondary Brain Injury Following Intracerebral Hemorrhage.. <i>Biology</i> , <b>2021</b> , 11,	4.9	4
68	A review of the berberine natural polysaccharide nanostructures as potential anticancer and antibacterial agents.. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 146, 112531	7.5	1
67	Molecular mechanisms of thyroid cancer: A competing endogenous RNA (ceRNA) point of view.. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 146, 112251	7.5	3
66	Neuroprotection of minocycline by inhibition of extracellular matrix metalloproteinase inducer expression following intracerebral hemorrhage in mice. <i>Neuroscience Letters</i> , <b>2021</b> , 764, 136297	3.3	5
65	Global Research Trends in Pediatric Trauma From 1968 to 2021: A Bibliometric Analysis. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 762531	3.4	4
64	Perspective Applications and Associated Challenges of Using Nanocellulose in Treating Bone-Related Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 616555	5.8	11
63	Pharmacological targeting of TNS3 with histone deacetylase inhibitor as a therapeutic strategy in esophageal squamous cell carcinoma. <i>Aging</i> , <b>2021</b> , 13, 15336-15352	5.6	0
62	In silico analysis of quranic and prophetic medicinals plants for the treatment of infectious viral diseases including corona virus. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 3137-3151	4	3

61	Magnetic nanocatalysts as multifunctional platforms in cancer therapy through the synthesis of anticancer drugs and facilitated Fenton reaction. <i>Journal of Advanced Research</i> , <b>2021</b> , 30, 171-184	13	12
60	3D bioprinting of engineered breast cancer constructs for personalized and targeted cancer therapy. <i>Journal of Controlled Release</i> , <b>2021</b> , 333, 91-106	11.7	5
59	Arsenic Trioxide-based Nanomedicines as a Therapeutic Combination Approach for Treating Gliomas: A Review. <i>Current Nanoscience</i> , <b>2021</b> , 17, 406-417	1.4	1
58	Vertical transmission potential of SARS-CoV-2 from infected mother to twin neonates. <i>Future Virology</i> , <b>2021</b> ,	2.4	2
57	A review on the interaction of nucleoside analogues with SARS-CoV-2 RNA dependent RNA polymerase. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 181, 605-611	7.9	9
56	The combination of deferoxamine and minocycline strengthens neuroprotective effect on acute intracerebral hemorrhage in rats. <i>Neurological Research</i> , <b>2021</b> , 43, 854-864	2.7	6
55	Obesity in acute ischaemic stroke patients treated with intravenous thrombolysis therapy. <i>Neurological Research</i> , <b>2021</b> , 1-8	2.7	4
54	Calycosin-loaded nanoliposomes as potential nanoplatforms for treatment of diabetic nephropathy through regulation of mitochondrial respiratory function. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 178	9.4	2
53	Antioxidant activity of calycosin against $\alpha$ -synuclein amyloid fibrils-induced oxidative stress in neural-like cells as a model of preventive care studies in Parkinson's disease. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 182, 91-97	7.9	4
52	Culture Independent Diversity of Bacterial Communities Indigenous to Lower Altitude at Laohugou Glacial Environment. <i>Geomicrobiology Journal</i> , <b>2021</b> , 38, 1-13	2.5	2
51	Rapid diagnostics of coronavirus disease 2019 in early stages using nanobiosensors: Challenges and opportunities. <i>Talanta</i> , <b>2021</b> , 223, 121704	6.2	15
50	Evidence and speculations: vaccines and therapeutic options for COVID-19 pandemic. <i>Human Vaccines and Immunotherapeutics</i> , <b>2021</b> , 17, 1113-1121	4.4	4
49	In vivo guiding inorganic nanozymes for biosensing and therapeutic potential in cancer, inflammation and microbial infections. <i>Talanta</i> , <b>2021</b> , 224, 121805	6.2	16
48	Mental health consequences of infections by coronaviruses including severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). <i>Brain and Behavior</i> , <b>2021</b> , 11, e01901	3.4	6
47	Circadian disruption in mice through chronic jet lag-like conditions modulates molecular profiles of cancer in nucleus accumbens and prefrontal cortex. <i>Carcinogenesis</i> , <b>2021</b> , 42, 864-873	4.6	2
46	Exploring the inhibitory effects of liquiritigenin against tau fibrillation and related neurotoxicity as a model of preventive care in Alzheimer's disease. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 183, 1184-1190	7.9	4
45	Enhancement of interferon gamma stability as an anticancer therapeutic protein against hepatocellular carcinoma upon interaction with calycosin. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 185, 813-820	7.9	2
44	Polymeric micelles functionalized with cell penetrating peptides as potential pH-sensitive platforms in drug delivery for cancer therapy: A review. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 14, 103264	5.9	5

43	Diagnostic and drug release systems based on microneedle arrays in breast cancer therapy. <i>Journal of Controlled Release</i> , <b>2021</b> , 338, 341-357	11.7	9
42	Exploring the interaction of quercetin-3-O-sophoroside with SARS-CoV-2 main proteins by theoretical studies: A probable prelude to control some variants of coronavirus including Delta.. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 14, 103353	5.9	2
41	Enzyme-polymeric/inorganic metal oxide/hybrid nanoparticle bio-conjugates in the development of therapeutic and biosensing platforms. <i>Journal of Advanced Research</i> , <b>2021</b> , 33, 227-239	13	8
40	Noncoding RNAs: emerging players in skin cancers pathogenesis. <i>American Journal of Cancer Research</i> , <b>2021</b> , 11, 5591-5608	4.4	
39	Pigment production by cold-adapted bacteria and fungi: colorful tale of cryosphere with wide range applications. <i>Extremophiles</i> , <b>2020</b> , 24, 447-473	3	22
38	COVID-19 pandemic; prevention, treatment, and mental health. <i>Human Vaccines and Immunotherapeutics</i> , <b>2020</b> , 16, 2215-2216	4.4	5
37	Impact of COVID-19 Pneumonia on Neonatal Birth Outcomes. <i>Indian Journal of Pediatrics</i> , <b>2020</b> , 87, 645-646		4
36	Risk of COVID-19 pneumonia in aquatic mammals. <i>Environmental Research</i> , <b>2020</b> , 188, 109732	7.9	18
35	Detecting viral outbreaks in future using enhanced environmental surveillance. <i>Environmental Research</i> , <b>2020</b> , 188, 109731	7.9	15
34	COVID-19 infection: Origin, transmission, and characteristics of human coronaviruses. <i>Journal of Advanced Research</i> , <b>2020</b> , 24, 91-98	13	1574
33	Impact of COVID-19 infection on pregnancy outcomes and the risk of maternal-to-neonatal intrapartum transmission of COVID-19 during natural birth. <i>Infection Control and Hospital Epidemiology</i> , <b>2020</b> , 41, 748-750	2	71
32	Emergence of a Novel Coronavirus, Severe Acute Respiratory Syndrome Coronavirus 2: Biology and Therapeutic Options. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	150
31	Massive use of disinfectants against COVID-19 poses potential risks to urban wildlife. <i>Environmental Research</i> , <b>2020</b> , 188, 109916	7.9	38
30	Transmission of SARS-CoV-2, Required Developments in Research and Associated Public Health Concerns. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 310	4.9	27
29	Molecular Mechanisms of Anticancer Activities of Puerarin. <i>Cancer Management and Research</i> , <b>2020</b> , 12, 79-90	3.6	20
28	Impact of coronavirus outbreak on psychological health. <i>Journal of Global Health</i> , <b>2020</b> , 10, 010331	4.3	96
27	The spread of novel coronavirus has created an alarming situation worldwide. <i>Journal of Infection and Public Health</i> , <b>2020</b> , 13, 469-471	7.4	27
26	Pneumonia in endangered aquatic mammals and the need for developing low-coverage vaccination for their management and conservation. <i>Animal Health Research Reviews</i> , <b>2020</b> , 21, 122-130	2.1	2

25	Impact of structural features of Sr/Fe co-doped HAp on the osteoblast proliferation and osteogenic differentiation for its application as a bone substitute. <i>Materials Science and Engineering C</i> , <b>2020</b> , 110, 110633	8.3	24
24	Investigation of an Antioxidative System for Salinity Tolerance in. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	11
23	Brain activity and transcriptional profiling in mice under chronic jet lag. <i>Scientific Data</i> , <b>2020</b> , 7, 361	8.2	3
22	COVID-19 induced psychosocial stressors during gestation: possible maternal and neonatal consequences. <i>Current Medical Research and Opinion</i> , <b>2020</b> , 36, 1633-1634	2.5	6
21	Gold Nanoparticle-Based Platforms for Diagnosis and Treatment of Myocardial Infarction. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 6460-6477	5.5	9
20	Coronavirus diseases 2019: Current biological situation and potential therapeutic perspective. <i>European Journal of Pharmacology</i> , <b>2020</b> , 886, 173447	5.3	20
19	Biotransformation fate and sustainable mitigation of a potentially toxic element of mercury from environmental matrices. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 6949-6965	5.9	8
18	Coronaviruses disease 2019 (COVID-19): Causative agent, mental health concerns, and potential management options. <i>Journal of Infection and Public Health</i> , <b>2020</b> , 13, 1840-1844	7.4	20
17	COVID-19: Clinical aspects and therapeutics responses. <i>Saudi Pharmaceutical Journal</i> , <b>2020</b> , 28, 1004-1008	4.4	25
16	Preventing bat-born viral outbreaks in future using ecological interventions. <i>Environmental Research</i> , <b>2020</b> , 185, 109460	7.9	19
15	Evaluation of the Biotechnological Potential of Pure and Mixture of Indigenous Iron-Oxidizing Bacteria to Dissolve Trace Metals from Cu Bearing Ore. <i>Geomicrobiology Journal</i> , <b>2019</b> , 36, 715-726	2.5	3
14	Zika Virus Potentiates the Development of Neurological Defects and Microcephaly: Challenges and Control Strategies. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 319	4.1	6
13	Natural gypenosides: targeting cancer through different molecular pathways. <i>Cancer Management and Research</i> , <b>2019</b> , 11, 2287-2297	3.6	5
12	Catechins-Modified Selenium-Doped Hydroxyapatite Nanomaterials for Improved Osteosarcoma Therapy Through Generation of Reactive Oxygen Species. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 499	5.3	22
11	Impact of chronically alternating light-dark cycles on circadian clock mediated expression of cancer (glioma)-related genes in the brain. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 1816-1834	11.2	7
10	Bioleaching of copper- and zinc-bearing ore using consortia of indigenous iron-oxidizing bacteria. <i>Extremophiles</i> , <b>2018</b> , 22, 851-863	3	12
9	The Frightening Rise of HIV in Pakistan and the Need for Immediate Remediation. <i>Journal of HIV/AIDS and Social Services</i> , <b>2018</b> , 17, 334-336	0.9	0
8	Health risks associated with genetic alterations in internal clock system by external factors. <i>International Journal of Biological Sciences</i> , <b>2018</b> , 14, 791-798	11.2	19

7	The possible effects of anthropogenic acoustic pollution on marine mammals reproduction: an emerging threat to animal extinction. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 19338-19345	5.1	19
6	Shiftwork-Mediated Disruptions of Circadian Rhythms and Sleep Homeostasis Cause Serious Health Problems. <i>International Journal of Genomics</i> , <b>2018</b> , 2018, 8576890	2.5	49
5	A systematic review on ethnomedicines of anti-cancer plants. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 202-264	6.7	87
4	China-Pakistan Economic Corridor (CPEC): an alarming threat to the biodiversity of Northern Pakistan. <i>Biodiversity and Conservation</i> , <b>2017</b> , 26, 3003-3004	3.4	11
3	Biodiesel Production From Algae to Overcome the Energy Crisis. <i>HAYATI Journal of Biosciences</i> , <b>2017</b> , 24, 163-167	1.2	63
2	Overview on the Role of Advance Genomics in Conservation Biology of Endangered Species. <i>International Journal of Genomics</i> , <b>2016</b> , 2016, 3460416	2.5	15
1	Role of Recombinant DNA Technology to Improve Life. <i>International Journal of Genomics</i> , <b>2016</b> , 2016, 2405954	2.5	76