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Cytokine storm intervention in the early stages of COVID-19 pneumonia

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316	Potential Therapeutic Effect of Traditional Chinese Medicine on Coronavirus Disease 2019: A Review. 2020 , 11, 570893		5
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314	Pharmaco-Immunomodulatory Therapy in COVID-19. 2020 , 80, 1267-1292		128
313	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. 2020 , 15, 359-386		199
312	Role of Immune Dysregulation in Increased Mortality Among a Specific Subset of COVID-19 Patients and Immune-Enhancement Strategies for Combatting Through Nutritional Supplements. 2020 , 11, 1548		26
311	Targeting zinc metalloenzymes in coronavirus disease 2019. 2020 , 177, 4887-4898		17
310	Early use of low dose tocilizumab in patients with COVID-19: A retrospective cohort study with a complete follow-up. 2020 , 25, 100459		50
309	Gastrointestinal pathophysiology of SARS-CoV2 - a literature review. 2020 , 10, 523-528		15
308	The Spectrum of Gastrointestinal Symptoms in Patients With Coronavirus Disease-19: Predictors, Relationship With Disease Severity, and Outcome. 2020 , 11, e00259		18
307	Characterisation and outcomes of ARDS secondary to pneumonia in patients with and without SARS-CoV-2: a single-centre experience. 2020 , 7,		4
306	Cell Clearing Systems as Targets of Polyphenols in Viral Infections: Potential Implications for COVID-19 Pathogenesis. 2020 , 9,		18
305	SARS-CoV-2 Infection in Cancer Patients: Effects on Disease Outcomes and Patient Prognosis. 2020 , 12,		9

304	Treating type 2 diabetes in COVID-19 patients: the potential benefits of injective therapies. 2020 , 19, 115	24
303	Association between cytokine profiles and lung injury in COVID-19 pneumonia. 2020 , 21, 201	37
302	COVID-19 coagulopathy: An in-depth analysis of the coagulation system. 2020 , 105, 741-750	62
301	Increased mortality in patients with severe SARS-CoV-2 infection admitted within seven days of disease onset. 2020 , 46, 1714-1722	40
300	COVID-19-activated SREBP2 disturbs cholesterol biosynthesis and leads to cytokine storm. 2020 , 5, 186	40
299	Coronaviruses: Is Sialic Acid a Gate to the Eye of Cytokine Storm? From the Entry to the Effects. 2020 , 9,	17
298	COVID-19 Presentation in Association with Myasthenia Gravis: A Case Report and Review of the Literature. 2020 , 2020, 8845844	15
297	Revisiting Platelets and Toll-Like Receptors (TLRs): At the Interface of Vascular Immunity and Thrombosis. 2020 , 21,	21
296	From ACE2 to COVID-19: A multiorgan endothelial disease. 2020 , 100, 425-430	6
295	How can nanotechnology help to combat COVID-19? Opportunities and urgent need. 2020 , 18, 125	91
294	Covid-19 hyperinflammation and post-Covid-19 illness may be rooted in mast cell activation syndrome. 2020 , 100, 327-332	107
293	Gastrointestinal symptoms associated with COVID-19: impact on the gut microbiome. 2020 , 226, 57-69	141
292	SARS-CoV-2 and Viral Sepsis: Immune Dysfunction and Implications in Kidney Failure. 2020 , 9,	16
291	Impact of renin-angiotensin system inhibitors use on mortality in severe COVID-19 patients with hypertension: a retrospective observational study. 2020 , 48, 300060520979151	9
290	Successful Treatment of a COVID-19 Case with Pneumonia and Renal Injury Using Tocilizumab. 2020 , 3, 29	4
289	Mesenchymal stem cell therapy in severe COVID-19: A retrospective study of short-term treatment efficacy and side effects. 2020 , 81, 647-679	28
288	COVID-19: Pathogenesis, cytokine storm and therapeutic potential of interferons. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 53, 66-70	17.9 212
287	The clinical value of two combination regimens in the Management of Patients Suffering from Covid-19 pneumonia: a single centered, retrospective, observational study. 2020 , 28, 507-516	7

286	Beneficial impact of Baricitinib in COVID-19 moderate pneumonia; multicentre study. 2020 , 81, 647-679	107
285	The cytokine storm of COVID-19: a spotlight on prevention and protection. 2020 , 24, 723-730	55
284	Bacillus Calmette-Guérin vaccine, antimalarial, age and gender relation to COVID-19 spread and mortality. 2020 , 38, 5564-5568	19
283	COVID-19-Associated dyslipidemia: Implications for mechanism of impaired resolution and novel therapeutic approaches. 2020 , 34, 9843-9853	78
282	COVID-19 polyradiculitis in 24 patients without SARS-CoV-2 in the cerebro-spinal fluid. 2021 , 93, 66-68	19
281	Addressing male sexual and reproductive health in the wake of COVID-19 outbreak. 2021 , 44, 223-231	65
280	Umbilical cord: an allogenic tissue for potential treatment of COVID-19. 2021 , 34, 1-13	12
279	Coronavirus Disease 2019 (COVID-19) and Nutritional Status: The Missing Link?. 2021 , 12, 682-692	32
278	Cytokine storm with rapidly elevated interleukin-6 indicates sudden death in patients with critical COVID-19. <i>Cytokine and Growth Factor Reviews</i> , 2021 , 58, 30-31	17.9 9
277	SARS-CoV-2-specific virulence factors in COVID-19. 2021 , 93, 1343-1350	30
276	A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance. 2021 , 405, 124043	46
275	Cytokine profile and disease severity in patients with COVID-19. 2021 , 137, 155323	54
274	Impact of obesity on COVID-19 patients. 2021 , 35, 107817	24
273	The interplay between inflammatory pathways and COVID-19: A critical review on pathogenesis and therapeutic options. 2021 , 150, 104673	45
272	Flow-Mediated Susceptibility and Molecular Response of Cerebral Endothelia to SARS-CoV-2 Infection. 2021 , 52, 260-270	18
271	Progress in Research on SARS-CoV-2 Infection Causing Neurological Diseases and Its Infection Mechanism. 2020 , 11, 592888	3
270	Can the hyperthermia-mediated heat shock factor/heat shock protein 70 pathway dampen the cytokine storm during SARS-CoV-2 infection?. 2020 ,	0
269	Development of Plant-Produced Recombinant ACE2-Fc Fusion Protein as a Potential Therapeutic Agent Against SARS-CoV-2. 2020 , 11, 604663	18

268	Beyond cells: The extracellular circulating 20S proteasomes. 2021 , 1867, 166041	8
267	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. 2021 , 26, 1044-1059	44
266	Discovery of novel pyrazole derivatives as a potent anti-inflammatory agent in RAW264.7 cells via inhibition of NF- κ B for possible benefit against SARS-CoV-2. 2021 , 35, e22656	12
265	Pathogenesis guided therapeutic management of COVID-19: an immunological perspective. 2021 , 40, 54-71	5
264	Patterns of Presentation of SARS-CoV-2 Infection in Children. Experience at the Italian Epicentre of the Pandemic. 2021 , 9, 629040	3
263	Role of the Immune Microenvironment in SARS-CoV-2 Infection. 2021 , 30, 9636897211010632	5
262	Correlation between ground-glass opacity on pulmonary CT and the levels of inflammatory cytokines in patients with moderate-to-severe COVID-19 pneumonia. 2021 , 18, 2394-2400	3
261	Relationship between the dynamic changes of serum 2019-nCoV IgM/IgG and patient immunity after 6-month hospital discharge. 2021 , 70, 241-247	3
260	High infectious disease burden as a basis for the observed high frequency of asymptomatic SARS-CoV-2 infections in sub-Saharan Africa. 2021 , 4, 2	3
259	Elevated liver function tests in COVID-19: Causes, clinical evidence, and potential treatments. 2021 , 46, 21-26	7
258	Recent biotechnological advances as potential intervention strategies against COVID-19. 2021 , 11, 41	5
257	The neuropathological impact of COVID-19: a review. 2021 , 45, 19	5
256	The immunophilin protein FKBPL and its peptide derivatives are novel regulators of vascular integrity and inflammation via NF- κ B signaling.	3
255	Nanomedicine for COVID-19: the role of nanotechnology in the treatment and diagnosis of COVID-19. 2021 , 4, 1-25	35
254	Post-Infectious Guillain-Barré Syndrome Related to SARS-CoV-2 Infection: A Systematic Review. 2021 , 11,	12
253	Antiviral optical techniques as a possible novel approach to COVID-19 treatment. 2021 , 14, 2130002	3
252	Biosensing surfaces and therapeutic biomaterials for the central nervous system in COVID-19. 2021 , 4, 1-20	3
251	SARS-CoV-2: phylogenetic origins, pathogenesis, modes of transmission, and the potential role of nanotechnology. 2021 , 32, 1-12	14

250	Comorbidities in SARS-CoV-2 Patients: a Systematic Review and Meta-Analysis. 2021 , 12,	72
249	COVID-19: imbalance of multiple systems during infection and importance of therapeutic choice and dosing of cardiac and anti-coagulant therapies. 2021 , 48, 2917-2928	4
248	Implications of the SARS-CoV-2 spike protein interaction with type-1 macrophages via α -nAChR..	
247	Implications of the SARS-CoV-2 spike protein interaction with type-1 macrophages via α -nAChR..	
246	Therapeutic efficacy, mechanical ventilation, length of hospital stay, and mortality rate in severe COVID-19 patients treated with tocilizumab. 2021 , 75, e14079	2
245	A Multifunctional Peptide From Fermented Soybean for Effective Inhibition of SARS-CoV-2 S1 Receptor Binding Domain and Modulation of Toll Like Receptor 4: A Molecular Docking Study. 2021 , 8, 636647	17
244	Proteomic investigation reveals dominant alterations of neutrophil degranulation and mRNA translation pathways in patients with COVID-19. 2021 , 24, 102135	11
243	Neurological Manifestation of SARS-CoV-2 Induced Inflammation and Possible Therapeutic Strategies Against COVID-19. 2021 , 58, 3417-3434	13
242	COVID-19: Risk Factors Associated with Infectivity and Severity. 2021 , 93, e13039	14
241	Corticosteroids for the Treatment of SARS-CoV2 Infection: Does It Work?. 2021 , 8,	
240	Human menstrual blood-derived stem cells as immunoregulatory therapy in COVID-19: A case report and review of the literature. 2021 , 9, 1705-1713	3
239	Comprehensive transcriptomic analysis of COVID-19 blood, lung, and airway. 2021 , 11, 7052	45
238	Fighting against the second wave of COVID-19: Can honeybee products help protect against the pandemic?. 2021 , 28, 1519-1527	19
237	Role of Inflammatory Cytokines in COVID-19 Patients: A Review on Molecular Mechanisms, Immune Functions, Immunopathology and Immunomodulatory Drugs to Counter Cytokine Storm. 2021 , 9,	53
236	Nanocarrier vaccines for SARS-CoV-2. 2021 , 171, 215-239	37
235	Can Cannabinoids Suppress the Cytokines Cascade in Patients with Coronavirus Disease COVID-19? A Mini-Review. 2021 , 2, 187-192	
234	PMMA-Based Continuous Hemofiltration Modulated Complement Activation and Renal Dysfunction in LPS-Induced Acute Kidney Injury. 2021 , 12, 605212	4
233	Mutational heterogeneity in spike glycoproteins of severe acute respiratory syndrome coronavirus 2. 2021 , 11, 236	

232	Attenuating the Effects of Novel COVID-19 (SARS-CoV-2) Infection-Induced Cytokine Storm and the Implications. 2021 , 14, 1487-1510	26
231	Alterations of Lipid Profile in COVID-19: A Narrative Review. 2021 , 47, 100907	3
230	The Advent of COVID-19; Periodontal Research Has Identified Therapeutic Targets for Severe Respiratory Disease; an Example of Parallel Biomedical Research Agendas. 2,	1
229	Comparing COVID-19 and Influenza Presentation and Trajectory. 2021 , 8, 656405	2
228	Human gene polymorphisms and their possible impact on the clinical outcome of SARS-CoV-2 infection. 2021 , 166, 2089-2108	13
227	The interplay between the immune system and SARS-CoV-2 in COVID-19 patients. 2021 , 166, 2109-2117	2
226	Promising drug repurposing approach targeted for cytokine storm implicated in SARS-CoV-2 complications. 2021 , 43, 395-409	1
225	High Levels of the Cleaved Form of Galectin-9 and Osteopontin in the Plasma Are Associated with Inflammatory Markers That Reflect the Severity of COVID-19 Pneumonia. 2021 , 22,	11
224	Comparison of Immunological Profiles of SARS-CoV-2 Variants in the COVID-19 Pandemic Trends: An Immunoinformatics Approach. 2021 , 10,	5
223	Overview of COVID-19 Disease: Virology, Epidemiology, Prevention Diagnosis, Treatment, and Vaccines. 2021 , 1, 2-40	4
222	Plant-Produced Receptor-Binding Domain of SARS-CoV-2 Elicits Potent Neutralizing Responses in Mice and Non-human Primates. 2021 , 12, 682953	11
221	One-Step Synthesis of 4-Octyl Itaconate through the Structure Control of Lipase. 2021 , 86, 7895-7903	1
220	Shedding light on vitamin D: the shared mechanistic and pathophysiological role between hypovitaminosis D and COVID-19 risk factors and complications. 2021 , 29, 1017-1031	1
219	Understanding structural malleability of the SARS-CoV-2 proteins and relation to the comorbidities. 2021 , 22,	2
218	Nanomedicine: A Diagnostic and Therapeutic Approach to COVID-19. 2021 , 8, 648005	12
217	Type 1 inflammatory endotype relates to low compliance, lung fibrosis, and severe complications in COVID-19. 2021 , 148, 155618	2
216	ROLE OF PIROXICAM IN CONTROLLING FEVER IN COVID 19 - AN OBSERVATIONAL CASE SERIES STUDY. 2021 , 24-25	1
215	A novel scoring system for selecting the target patients of COVID-19 convalescent plasma therapy: A hypothesis. 2021 , 29, 89-89	1

214	The role of continuous renal replacement therapy (Crrt) in Coronavirus disease 2019 (Covid-19) patients. 2021 , 39, 12-12	0
213	Thymosin Alpha-1 Has no Beneficial Effect on Restoring CD4+ and CD8+ T Lymphocyte Counts in COVID-19 Patients. 2021 , 12, 568789	3
212	COVID-19 Pathology on Various Organs and Regenerative Medicine and Stem Cell-Based Interventions. 2021 , 9, 675310	0
211	Hyperimmune anti-COVID-19 IVIG (C-IVIG) treatment in severe and critical COVID-19 patients: A phase I/II randomized control trial. 2021 , 36, 100926	14
210	Role of DAMPs in respiratory virus-induced acute respiratory distress syndrome-with a preliminary reference to SARS-CoV-2 pneumonia. 2021 , 22, 141-160	21
209	Critical Determinants of Cytokine Storm and Type I Interferon Response in COVID-19 Pathogenesis. 2021 , 34,	35
208	High infectious disease burden as a basis for the observed high frequency of asymptomatic SARS-CoV-2 infections in sub-Saharan Africa. 4, 2	2
207	A Dual-Route Perspective of SARS-CoV-2 Infection: Lung- vs. Gut-specific Effects of ACE-2 Deficiency. 2021 , 12, 684610	5
206	Post-COVID-19 Pulmonary Fibrosis: Novel Sequelae of the Current Pandemic. 2021 , 10,	28
205	COVID-19 Pathophysiology and Clinical Effects on Multiple Organ Systems - A Narrative Review. 2020 , 10, 151-167	
204	Guillain-Barré Syndrome associated with Covid-19: A close relationship or just a coincidence? (Review). 2021 , 22, 916	0
203	Natural products provide a new perspective for anti-complement treatment of severe COVID-19: a review. 2021 , 16, 67	1
202	Extracorporeal hemocorrection methods for COVID-19: are there outlooks?. 2021 , 25, 95-106	
201	Efficacy of IVIG (intravenous immunoglobulin) for corona virus disease 2019 (COVID-19): A meta-analysis. 2021 , 96, 107732	12
200	Association of dyslipidemia with the severity and mortality of coronavirus disease 2019 (COVID-19): a meta-analysis. 2021 , 18, 157	10
199	What We Learned from COVID-19: From endotheliitis to treatment.	
198	Prognostic value of C-reactive protein/albumin ratio in hypertensive COVID-19 patients. 2021 , 43, 683-689	1
197	A Comparative Assessment of Effects of Major Mediators of Acute Phase Response (IL-1, TNF- α , IL-6) on Breathing Pattern and Survival Rate in Rats with Acute Progressive Hypoxia. 2021 , 57, 936-944	1

196	The timing of natural killer cell response in coronavirus infection: a concise model perspective.	
195	Phase 1 study in healthy participants of the safety, pharmacokinetics, and pharmacodynamics of enpatoran (M5049), a dual antagonist of toll-like receptors 7 and 8. 2021 , 9, e00842	1
194	Cytokine storm syndrome in SARS-CoV-2: a review. 2021 ,	0
193	Severe acute respiratory syndrome coronavirus 2 targeted antibodies cocktail and B cell receptor interplay: interventions to trigger vaccine development.	
192	Process Improvement Approaches for Increasing the Response of Emergency Departments against the COVID-19 Pandemic: A Systematic Review. 2021 , 18,	1
191	Autoimmunity and COVID-19 - The microbiotal connection. 2021 , 20, 102865	5
190	Cytokine storm and histopathological findings in 60 cases of COVID-19-related death: from viral load research to immunohistochemical quantification of major players IL-1, IL-6, IL-15 and TNF- α 2021 , 1	6
189	Alterations in platelets during SARS-CoV-2 infection. 2021 , 1-9	1
188	Impact of COVID-19 on medical treatment patterns in gynecologic oncology: a MITO group survey. 2021 , 31, 1363-1368	0
187	Long Noncoding RNAs as Emerging Regulators of COVID-19. 2021 , 12, 700184	8
186	Nebulised Isotonic Hydroxychloroquine Aerosols for Potential Treatment of COVID-19. 2021 , 13,	2
185	NETosis and the Immune System in COVID-19: Mechanisms and Potential Treatments. 2021 , 12, 708302	9
184	Antiviral strategies targeting host factors and mechanisms obliging +ssRNA viral pathogens. 2021 , 46, 116356	4
183	Cytokine profile in Egyptian children and adolescents with COVID-19 pneumonia: A multicenter study. 2021 , 56, 3924-3933	4
182	The role of endotheliitis in COVID-19: Real-world experience of 11 190 patients and literature review for a pathophysiological map to clinical categorisation. 2021 , 75, e14843	2
181	Testosterone in COVID-19: An Adversary Bane or Comrade Boon. 2021 , 11, 666987	2
180	Microbiota and Its Impact on the Immune System in COVID-19-A Narrative Review. 2021 , 10,	3
179	Acute kidney injury in a patient with COVID-19: Answers. 2020 , 36, 4111-4113	1

178	Innate immunity, inflammation activation and heat-shock protein in COVID-19 pathogenesis. 2021 , 358, 577632	1
177	Systemic inflammation in COVID-19 patients may induce various types of venous and arterial thrombosis: A systematic review.. 2021 , 94, e13097	4
176	Diabetes, Drug Treatment, and Mortality in COVID-19: A Multinational Retrospective Cohort Study. 2021 , 70, 2903-2916	14
175	Nigella sativa for the treatment of COVID-19: An open-label randomized controlled clinical trial. 2021 , 61, 102769	10
174	Viral Infections, Including Influenza and Corona Virus Disease 2019, and Vitamin D: A Mini-Review.	
173	Comparison of the ability of the shock index, modified shock index and age shock index to predict mortality in geriatric patients with COVID-19 pneumonia. 2021 , 4, 634-638	2
172	Neutrophils and lymphopenia, an unknown axis in severe COVID-19 disease. 2021 , 17, e1009850	7
171	Role of NLR, PLR, ELR and CLR in differentiating COVID-19 patients with and without pneumonia. 2021 , 75, e14781	7
170	Mechanisms of Damage to the Cardiovascular System in COVID-19. 2021 , 76, 287-297	3
169	Spectrally filtered photodiode pairs for on-chip ratiometric aptasensing of cytokine dynamics. 2021 , 345, 130330	
168	Immunomodulation and immunotherapeutics of COVID-19. 2021 , 231, 108842	2
167	Precise regulation of inflammation and immunosuppressive microenvironment for amplified photothermal/immunotherapy against tumour recurrence and metastasis. 2021 , 40, 101266	9
166	A novel hypothesis for COVID-19 pathogenesis: Retinol depletion and retinoid signaling disorder. 2021 , 87, 110121	3
165	Are mesenchymal stem cells able to manage cytokine storm in COVID-19 patients? A review of recent studies. 2021 , 18, 152-160	3
164	New coronavirus infection in the aspect of psoriasis. 2021 , 20, 77	
163	Uso racional de tocilizumab en pacientes con COVID-19: una propuesta conciliadora. 2021 , 80, 72-74	
162	St John's wort (Hypericum perforatum L). 2021 , 661-695	0
161	A Bioelectromagnetic Proposal Approaching the Complex Challenges of COVID-19. 2021 , 11, 1-67	1

160	Mechanisms of Pulmonary Hypertension in Acute Respiratory Distress Syndrome (ARDS). 2020 , 7, 624093	5
159	Systemic lupus erythematosus manifestation following COVID-19: a case report. 2021 , 15, 29	40
158	Comprehensive Transcriptomic Analysis of COVID-19 Blood, Lung, and Airway.	6
157	Treatment with Arbidol and Moxifloxacin in Ordinary and Severe Adult Patients Infected with COVID-19.	4
156	Environmental and social analysis as risk factors for the spread of the novel coronavirus (SARS-CoV-2) using remote sensing, GIS and analytical hierarchy process (AHP): Case of Peru.	5
155	Effects of Tocilizumab in Critically Ill Patients With COVID-19: A Quasi-Experimental Study.	9
154	Salivary anti-SARS-CoV-2 IgA as an accessible biomarker of mucosal immunity against COVID-19. 2020 ,	32
153	Commonalities Between COVID-19 and Radiation Injury. 2021 , 195, 1-24	12
152	Cytokine release syndrome: inhibition of pro-inflammatory cytokines as a solution for reducing COVID-19 mortality. 2020 , 31, 81-93	21
151	[Steroid pulse -therapy in patients With coronAVirus Pneumonia (COVID-19), sYstemic inFLammation And Risk of vEnous thRombosis and thromboembolism (WAYFARER Study)]. 2020 , 60, 15-29	23
150	Plasmapheresis with corticosteroids and antiviral: a life-saving treatment for severe cases of Covid 19. 2020 , 11, 572-576	3
149	Possible mechanisms of action of clarithromycin and its clinical application as a repurposing drug for treating multiple myeloma. 2020 , 14, 1088	4
148	Respiratory Epithelial Cells Respond to but Provide No Cross-Protection against Virus-Induced Inflammation. 2020 , 13,	1
147	Cytokine Storm in Novel Coronavirus Disease (COVID-19): Expert Management Considerations. 2020 , 24, 429-434	12
146	Coronavirus infections in childhood and vaccine studies. 2021 , 56, 10-14	10
145	Immunomodulatory effect of mesenchymal stem cells and mesenchymal stem-cell-derived exosomes for COVID-19 treatment. 2020 , 53, 400-412	32
144	Corticosteroid use in ARDS and its application to evolving therapeutics for coronavirus disease 2019 (COVID-19): A systematic review. 2021 ,	2
143	High infectious disease burden as a basis for the observed high frequency of asymptomatic SARS-CoV-2 infections in sub-Saharan Africa. 4, 2	

142	The Potential Role of COVID-19 in the Pathogenesis of Multiple Sclerosis-A Preliminary Report. 2021 , 13,	2
141	Basophils and Mast Cells in COVID-19 Pathogenesis. 2021 , 10,	7
140	Efficacy of Ceftazidime and Cefepime in the Management of COVID-19 Patients: Single Center Report from Egypt. 2021 , 10,	2
139	Corticosteroids for COVID-19: worth it or not?. 2021 , 1	4
138	Clinical characterization of hospitalized COVID-19 patients during the second wave of pandemic in the district of Rohrbach, Upper Austria : A single center retrospective study. 2021 , 133, 1248	1
137	The triumvirate of NF- κ B, inflammation and cytokine storm in COVID-19. 2021 , 101, 108255	9
136	Elucidation of the antiviral mechanism of cystine and theanine through transcriptome analysis of mice and comparison with COVID-19 gene set data.	1
135	The solution on enigmas in COVID-19: the protein-homeostasis-system hypothesis. 2020 , 63, 366-372	1
134	Correlation of SARS-CoV-2 Infection with Hepatitis and Liver Disorders. 2021 , 9, 122-132	
133	Metformin for Cardiovascular Protection, Inflammatory Bowel Disease, Osteoporosis, Periodontitis, Polycystic Ovarian Syndrome, Neurodegeneration, Cancer, Inflammation and Senescence: What Is Next?. 2021 , 4, 1747-1770	3
132	U-shaped-aggressiveness of SARS-CoV-2: Period between initial symptoms and clinical progression to COVID-19 suspicion. A population-based cohort study. 2020 , 15, e0243268	0
131	The aging whole blood transcriptome reveals a potential role of FASLG in COVID-19.	
130	Early Diagnosis and Early Management Proposal in Dengue Infection: New Normal to Applied Strategy for COVID-19 Infection.	
129	Pathogenesis Guided Therapeutic Management of COVID-19: An Immunological Perspective.	1
128	Phillyrin for COVID-19 and Influenza Co-infection: A Potential Therapeutic Strategy Targeting Host Based on Bioinformatics Analysis. 2021 , 12, 754241	0
127	Positive aspects, negative aspects and challenges associated with stem cell therapy for COVID - 19: A Mini-Review. 2021 ,	
126	■■■■■■SARS-COV-2..	
125	Large-scale single-cell analysis reveals critical immune characteristics of COVID-19 patients.	0

124	Diabetes mellitus and COVID-19 in the post-acute phase patients - possible links with physical and rehabilitation medicine and balneotherapy. 2020 , 11, 350-367	1
123	U-shaped-aggressiveness of SARS-CoV-2: Period between initial symptoms and clinical progression to COVID-19 suspicion. A population-based cohort study.	
122	A Proposal of Early Diagnosis and Early Management in Dengue Infection and Possible COVID-19. 2020 , 000, 1-11	
121	COVID-19 in age-related neurodegenerative diseases: is there a role for vitamin D3 as a possible therapeutic strategy?. 2021 , 32, 235-247	5
120	Plasmapheresis: A New Strategy in the Treatment of COVID-19. 2020 , 26, S82-S83	
119	Clinical manifestations along with biochemical and psychological outcomes of COVID-19 cases in diabetic individuals in Bangladesh.	
118	Unraveled roles of hyaluronan in severe COVID-19. 2021 , 20, 117-125	3
117	Mechanisms of COVID-19 thrombosis in an inflammatory environment and new anticoagulant targets. 2021 , 13, 3925-3941	4
116	Activation of Intracellular Complement in Lungs of Patients With Severe COVID-19 Disease Decreases T-Cell Activity in the Lungs.. 2021 , 12, 700705	2
115	Pulmonary Edema in COVID-19 Treated with Furosemide and Negative Fluid Balance (NEGBAL): A Different and Promising Approach. 2021 , 10,	1
114	The Potential Role of Cytokine Storm Pathway in the Clinical Course of Viral Respiratory Pandemic. 2021 , 9,	1
113	Neurological complications and infection mechanism of SARS-COV-2. 2021 , 6, 406	16
112	The Immunomodulatory Function of Vitamin D, with Particular Reference to SARS-CoV-2.. 2021 , 57,	0
111	Potential of cell-penetrating peptides (CPPs) in delivery of antiviral therapeutics and vaccines.. 2021 , 169, 106094	2
110	Can sodium-glucose co-transporter-2 (SGLT-2) inhibitor reduce the risk of adverse complications due to COVID-19? - Targeting hyperinflammation.. 2022 , 1-8	2
109	Impact of cytokine storm on severity of COVID-19 disease in a private hospital in West Jakarta prior to vaccination.. 2022 , 17, e0262438	5
108	Burden of cytokines storm on prognosis of SARS-CoV-2 infection through immune response: dynamic analysis and optimal control with immunomodulatory therapy.. 2022 , 1-19	0
107	Discovering potential interactions between rare diseases and COVID-19 by combining mechanistic models of viral infection with statistical modeling.. 2022 ,	0

106	Advances in the development of therapeutic strategies against COVID-19 and perspectives in the drug design for emerging SARS-CoV-2 variants.. 2022 ,	7
105	Tip of the iceberg: erectile dysfunction and COVID-19.. 2022 ,	2
104	COVID-19 and Lung Mast Cells: The Kallikrein-Kinin Activation Pathway.. 2022 , 23,	3
103	Risk Factors of Mortality in Hospitalized Patients With COVID-19 Applying a Machine Learning Algorithm. 2022 , 4, 100162-100162	1
102	The Coronavirus pandemic - 2022: Viruses, variants & vaccines.. <i>Cytokine and Growth Factor Reviews</i> , 2022 , 63, 1-9	17.9 2
101	Neutrophil-to-lymphocyte ratio is a powerful predictor of adult patients with acute respiratory distress syndrome who might benefit from corticosteroid therapy. 2021 , 13, 11556-11570	
100	Toll-Like Receptors (TLRs) as Therapeutic Targets for Treating SARS-CoV-2: An Immunobiological Perspective.. 2021 , 1352, 87-109	1
99	Evaluation and correlation of laboratory, radiological markers, and cytokine inflammation in patients with severe acute respiratory syndrome coronavirus disease 2019. 2022 , 5, 63	
98	SARS-COV-2 Induce Pulmonary Injury from Basic to Clinical Research. 2022 , 12, 168-190	
97	Causes of Hypoxemia in COVID-19.. 2022 , 58, 73-80	0
96	Lipid profile changes in patients with COVID-19 referred to medical centers in Kermanshah, Iran; a case-control study.. 2022 , 50, 3000605221078699	0
95	Predicting mortality in critically ill patients with COVID-19 in the ICU from a secondary-level hospital in Ecuador. 2022 , 7, 1-9	2
94	Implementation and findings on a one-minute sit-stand test for prehospital triage in patients with suspected COVID-19-a pilot project.. 2022 , 22, 54	0
93	The Immune Response to SARS-CoV-2: Mechanisms, Aging, Sequelae and Vaccines.. 2022 ,	0
92	Safety and efficacy study of allogeneic human menstrual blood stromal cells secretome to treat severe COVID-19 patients: clinical trial phase I & II.. 2022 , 13, 96	1
91	The Role of Cytokines and Chemokines in Severe Acute Respiratory Syndrome Coronavirus 2 Infections.. 2022 , 13, 832394	4
90	COVID-19 immunotherapy: Treatment based on the immune cell-mediated approaches.. 2022 , 107, 108655	0
89	Perspectives Concerning Various Symptoms of SARS-CoV-2 Detected Individuals. 2021 , 15, 152-157	

- 88 Differential Co-Expression Network Analysis Reveals Key Hub-High Traffic Genes as Potential Therapeutic Targets for COVID-19 Pandemic.. **2021**, 12, 789317 0
- 87 The risk factor for instability metabolic health and severity.. **2021**,
- 86 Can SARS-CoV-2 infection trigger rheumatoid arthritis? A case report.. **2022**, 10, e05748
- 85 The effectiveness of dexamethasone as a combination therapy for COVID-19. **2022**, 72, 345-358 1
- 84 Image_1.pdf. **2021**,
- 83 Anti-inflammatory Effect of Metronidazole in Hospitalized Patients with Pneumonia due to COVID-19.. **2021**, 20, 532-540
- 82 Dantrolene repurposed to treat sepsis or septic shock and COVID-19 patients. **2021**, 25, 3136-3144 1
- 81 Treatment efficacy of Lianhua Qingwen capsules for early-stage COVID-19.. **2022**, 14, 1332-1338
- 80 Immune response and cytokine storm in SARS-CoV-2 infection: Risk factors, ways of control and treatment. **2022**, 20, 1721727X2210989 0
- 79 Immune Signature of COVID-19: In-Depth Reasons and Consequences of the Cytokine Storm.. **2022**, 23, 2 2
- 78 Transient production of receptor-binding domain of SARS-CoV-2 in *Nicotiana benthamiana* plants induces specific antibodies in immunized mice.. **2022**, 1 0
- 77 Comprehensive Role of SARS-CoV-2 Spike Glycoprotein in Regulating Host Signaling Pathway.. **2022**, 0
- 76 Human Placenta-derived Mesenchymal Stromal Cells Transfusion in a Critically Ill Infant Diagnosed with Coronavirus Disease 2019 (COVID-19): A Case Report. **2022**, 103454 0
- 75 Docosahexaenoic acid ester of phloridzin reduces inflammation and insulin resistance via AMPK.. **2022**, 0
- 74 Immunopathogenesis and immunogenetic variants in COVID-19. **2022**, 28, 0
- 73 Therapeutic Efficacy of Polyherbal formulation Kabasura kudineer against common viral fevers [A perspective review. **2022**, 20, 0
- 72 Healing Field: Using Alternating Electric Fields to Prevent Cytokine Storm by Suppressing Clonal Expansion of the Activated Lymphocytes in the Blood Sample of the COVID-19 Patients. **2022**, 10, 0
- 71 A comprehensive review on modulation of SIRT1 signaling pathways in the immune system of COVID -19 patients by phytotherapeutic melatonin and epigallocatechin-3-gallate. 0

- 70 Covid-19 hastaların kan gazları ve hematolojik manifestasyonları mortalite ile ilişkisi: Retrospektif analiz..
- 69 Androgens and severity of the new coronavirus infection course. **2022**, 9, 143-155
- 68 Mechanism of COVID-19 Causing ARDS: Exploring the Possibility of Preventing and Treating SARS-CoV-2. 12, 0
- 67 Pharmacokinetics, Pharmacodynamics and Antiviral Efficacy of the MEK Inhibitor Zapnometinib in Animal Models and in Humans. 13, 0
- 66 Cytokines and MicroRNAs in SARS-CoV-2: What do we know?. **2022**, 2
- 65 Early taurine administration as a means for halting the cytokine storm progression in COVID-19 patients. 234-248 0
- 64 Pulse dose glucocorticosteroid therapy in COVID-19 pneumonia patients in an intensive care unit. **2022**, 19, 55-59
- 63 Applications of nanoengineered therapeutics and vaccines: special emphasis on COVID-19. **2022**, 21-63
- 62 Multiplex Testing of the Effect of Statins on Disease Severity Risk in COVID-19 Cases. **2022**, 273-284
- 61 Dynamic of Serum TWEAK Levels in Critically Ill COVID-19 Male Patients. **2022**, 11, 3699 1
- 60 Therapeutic Targeting of Innate Immune Receptors Against SARS-CoV-2 Infection. 13, 0
- 59 Role of initial and follow-up IL-6 (Interleukin-6) titre in COVID-19 pneumonia: A single center experience. **2022**, 19, em390
- 58 Therapeutics for the management of cytokine release syndrome in COVID-19. **2022**, 22, 2
- 57 Additional Evidence for Commonalities between COVID-19 and Radiation Injury: Novel Insight into COVID-19 Candidate Drugs. **2022**, 0
- 56 Hygiene in der Dermatologie: SARS-CoV-2 und weitere Virus-Varianten.
- 55 Admission Hyperglycemia as a Predictor of COVID-19 Pneumonia, Cytokine Release Syndrome Progression, and Clinical Outcomes in a Tertiary Care Hospital. **2022**,
- 54 Immune Escape Associated with RBD Omicron Mutations and SARS-CoV-2 Evolution Dynamics. **2022**, 14, 1603 0
- 53 Identification of transcriptomics biomarker for the early prediction of critically ill COVID-19 patients.

52	Potential of ATR-FTIR Thermometrics in Covid-19: Disease Recognition.	
51	Linear regression model and least square method for experimental identification of AMBU bag in simple ventilator.	0
50	Assessment of hypertension and other factors associated with the severity of disease in COVID-19 pneumonia, Addis Ababa, Ethiopia: A case-control study. 2022 , 17, e0273012	
49	Nanotechnology and COVID-19 Convergence: Toward New Planetary Health Interventions Against the Pandemic. 2022 , 26, 473-488	0
48	Time evolution of cytokine profiles associated with mortality in COVID-19 hospitalized patients. 13,	0
47	Continuous renal replacement therapy using a cellulose triacetate hemofilter for severe coronavirus disease. 2022 , 8,	0
46	Comparative Analysis Of Immunosuppressive Therapy Effectiveness In COVID-19 Patients. 2022 , 11,	0
45	Scars of COVID-19: A bibliometric analysis of post-COVID-19 fibrosis. 10,	0
44	Covid-19: Consumption coagulopathy with increased severity and mortality - A retrospective study. 2022 , 7, 165-168	0
43	Unmet needs in pneumonia research: a comprehensive approach by the CAPNETZ study group. 2022 , 23,	2
42	Coronavirus disease 2019 (COVID -19) in patients before, during, or after lung irradiation, and serum SP-A and SP-D levels.	0
41	Antioxidant, Anti-inflammatory, and Immunomodulatory Roles of Nonvitamin Antioxidants in Anti-SARS-CoV-2 Therapy.	0
40	Predictors of pulmonary involvement in children with COVID-19: How strongly associated is viral load?.	0
39	Analysis and identification of potential type II helper T cell (Th2)-Related key genes and therapeutic agents for COVID-19. 2022 , 150, 106134	0
38	Molecular and pro-inflammatory aspects of COVID-19: The impact on cardiometabolic health. 2022 , 1868, 166559	3
37	Experience of anticipatory therapy with IL-6 receptor inhibitors and perspectives for its use in the evolution of COVID-19. 2022 , 94, 1028-1035	0
36	NeuroImmune Interactions in Severe COVID-19 Infection. 2022 , 11, 1256	1
35	Retrospective Analysis of the SARS-CoV-2 Infection Profile in COVID-19 Positive Patients in Vitoria da Conquista, Northeast Brazil. 2022 , 14, 2424	1

- 34 Efficacy of tocilizumab therapy in severe COVID-19 pneumonia patients and determination of the prognostic factors affecting 30 days mortality. ○
- 33 Effect of vitamin D3 supplementation on cellular immunity and inflammatory markers in COVID-19 patients admitted to the ICU. **2022**, 12, ○
- 32 The similarities between severe COVID-19 infection and acute radiation syndrome: Literature review. **2022**, ○
- 31 Efficient selective adsorption of cytokine IL-6 and other middle-macromolecular toxins in the serum of uremia patients with specially designed porous hollow carbon spheres. **2023**, 454, 140213 ○
- 30 Alteration in Redox Status and Lipoprotein Profile in COVID-19 Patients with Mild, Moderate, and Severe Pneumonia. **2022**, 2022, 1-14 ○
- 29 The Renin-Angiotensin-Aldosterone System, Nitric Oxide, and Hydrogen Sulfide at the Crossroads of Hypertension and COVID-19: Racial Disparities and Outcomes. **2022**, 23, 13895 1
- 28 Buffy Coat Transcriptomic Analysis Reveals Alterations in Host Cell Protein Synthesis and Cell Cycle in Severe COVID-19 Patients. **2022**, 23, 13588 1
- 27 Lung Fibrosis: Post-COVID-19 Complications and Evidences. **2022**, 109418 ○
- 26 Antitumor Immunotherapy: Effect of COVID-19 in Cancer Patients. **2022**, ○
- 25 Effect of Pirfenidone on Risk of Pulmonary Fibrosis in COVID-19 Patients Experiencing Cytokine Storm. **2022**, 10, 2387 ○
- 24 Prevalence, risk and severity of SARS-CoV-2 infections in psoriasis patients receiving conventional systemic, biologic or topical treatment during the COVID-19 pandemic: a cross-sectional cohort study (PsoCOVID). 1-32 ○
- 23 Clinical Characteristics and Management of Patients with a Suspected COVID-19 Infection in Emergency Departments: A European Retrospective Multicenter Study. **2022**, 12, 2085 ○
- 22 The Effectiveness of Platelet and D-Dimer Levels in Predicting Prognosis in Intensive Care Patients Diagnosed With COVID-19. 493-498 ○
- 21 Proinflammatory and Thrombotic Manifestations and the Therapeutic Options of COVID-19. **2023**, 49-78 ○
- 20 Dynamic Changes in Circulatory Cytokines and Chemokines Levels in Mild to Severe COVID-19 Patients. ○
- 19 Metabolic risks and prognosis of COVID-19: are dietary patterns important?. ○
- 18 Analysis of differential gene expression of pro-inflammatory cytokines in the nasopharyngeal milieu of mild & severe COVID-19 cases. **2022**, 17, e0279270 ○
- 17 The Pathogenetic Role of DAMPs in Severe Infectious Diseases. **2023**, 285-380 ○

- 16 Expression of SARS-CoV-2 receptor angiotensin-converting enzyme 2 by activating protein-1 in human mast cells. **2023**, 386, 104705
- 15 SARS-CoV-2 ORF3a positively regulates NF- κ B activity by enhancing IKK β NEMO interaction. **2023**, 328, 199086
- 14 Fulminant Gastrointestinal Langerhans Cell Histiocytosis Induced by Severe Acute Respiratory Syndrome Coronavirus 2. **2022**, 9, e00885
- 13 Hyaluronan in the pathogenesis of acute and post-acute COVID-19 infection. **2023**, 116, 49-66
- 12 Artificial intelligence assessment of the potential of tocilizumab along with corticosteroids therapy for the management of COVID-19 evoked acute respiratory distress syndrome. **2023**, 18, e0280677
- 11 Lung Injury in COVID-19 Has Pulmonary Edema as an Important Component and Treatment with Furosemide and Negative Fluid Balance (NEGBAL) Decreases Mortality. **2023**, 12, 1542
- 10 The Role of Immunity in the Pathogenesis of SARS-CoV-2 Infection and in the Protection Generated by COVID-19 Vaccines in Different Age Groups. **2023**, 12, 329
- 9 The role of peroxisome proliferator-activated receptors in the modulation of hyperinflammation induced by SARS-CoV-2 infection: A perspective for COVID-19 therapy. 14,
- 8 Predicting the severity of COVID-19 patients using the CD24-CSF1R index in whole blood samples. **2023**, 9, e13945
- 7 The Effect of Weekly 50,000 IU Vitamin D3 Supplements on the Serum Levels of Selected Cytokines Involved in Cytokine Storm: A Randomized Clinical Trial in Adults with Vitamin D Deficiency. **2023**, 15, 1188
- 6 Characterization of T Helper 1 and 2 Cytokine Profiles in Newborns of Mothers with COVID-19. **2023**, 11, 910
- 5 Th-1, Th-2, Th-9, Th-17, Th-22 type cytokine concentrations of critical COVID-19 patients after treatment with Remdesivir. **2023**, 228, 152378
- 4 Cellular and molecular features of COVID-19 associated ARDS: therapeutic relevance. **2023**, 20,
- 3 Host-Based Treatments for Severe COVID-19. **2023**, 45, 3102-3121
- 2 Phytochemicals of *Withania somnifera* as a Future Promising Drug against SARS-CoV-2: Pharmacological Role, Molecular Mechanism, Molecular Docking Evaluation, and Efficient Delivery. **2023**, 11, 1000
- 1 Blood filtering system for COVID-19 management: novel modality of the cytokine storm therapeutics. 14,