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Potential Rapid Diagnostics, Vaccine and Therapeutics for 2019 Novel Coronavirus (2019-nCoV): A Systematic Review

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341	Declaraci3n consenso de la Asociaci3n Colombiana de Medicina Cr3tica y Cuidados Intensivos (AMCI) para atenci3n y manejo del paciente pedi3trico con sospecha o confirmaci3n de infecci3n severa por SARS-CoV-2. 2020 , 20, 113-127		0
340	The potential of electrochemistry for the detection of coronavirus-induced infections. 2020 , 133, 116081		26
339	The emergence of COVID-19 as a global pandemic: Understanding the epidemiology, immune response and potential therapeutic targets of SARS-CoV-2. 2020 , 179, 85-100		47
338	Biosensor and molecular-based methods for the detection of human coronaviruses: A review. 2020 , 54, 101662		22
337	Magnetic-Nanosensor-Based Virus and Pathogen Detection Strategies before and during COVID-19. 2020 , 3, 9560-9580		38
336	Gastrointestinal symptoms, pathophysiology, and treatment in COVID-19. 2021 , 8, 385-400		18
335	Personalised health education against health damage of COVID-19 epidemic in the elderly Hungarian population (PROACTIVE-19): protocol of an adaptive randomised controlled clinical trial. 2020 , 21, 809		2
334	Analysis of 'earlyR' epidemic model and Time Series model for prediction of COVID-19 registered cases. 2020 ,		4
333	Credible Protein Targets and Curative Strategies for COVID-19: a Review. 2020 , 2, 1-10		3
332	Point-of-Care Biosensor-Based Diagnosis of COVID-19 Holds Promise to Combat Current and Future Pandemics. 2020 , 3, 7326-7343		63
331	Neurological Problems in COVID-19 Pandemic. 2020 , 56, 191-196		
330	Convalescent Blood Products in COVID-19: A Narrative Review. 2020 , 7, 2049936120960646		2
329	Prophylactic anticoagulants for people hospitalised with COVID-19. 2020 , 10, CD013739		33
328	New insights on possible vaccine development against SARS-CoV-2. 2020 , 260, 118421		5
327	Network analysis, sequence and structure dynamics of key proteins of coronavirus and human host, and molecular docking of selected phytochemicals of nine medicinal plants. 2021 , 39, 6195-6217		17
326	Chest CT for triage during COVID-19 on the emergency department: myth or truth?. 2020 , 27, 641-651		17
325	Biological, clinical and epidemiological features of COVID-19, SARS and MERS and AutoDock simulation of ACE2. 2020 , 9, 99		31

324	Immune-mediated approaches against COVID-19. 2020 , 15, 630-645	178
323	Lactoferrin as Protective Natural Barrier of Respiratory and Intestinal Mucosa against Coronavirus Infection and Inflammation. 2020 , 21,	46
322	Fighting COVID-19: Integrated Micro- and Nanosystems for Viral Infection Diagnostics. 2020 , 3, 628-651	52
321	The epidemiology and therapeutic options for the COVID-19. 2020 , 3, 71-84	7
320	Structure-based identification of potential SARS-CoV-2 main protease inhibitors. 2020 , 1-14	35
319	A novel liposome-polymer hybrid nanoparticles delivering a multi-epitope self-replication DNA vaccine and its preliminary immune evaluation in experimental animals. 2021 , 35, 102338	5
318	Necessity for detection of SARS-CoV-2 RNA in multiple types of specimens for the discharge of the patients with COVID-19. 2020 , 18, 411	14
317	Evolutionary and structural analysis of SARS-CoV-2 specific evasion of host immunity. 2020 , 21, 409-419	21
316	Similarity and Specificity of Traditional Chinese Medicine Formulas for Management of Coronavirus Disease 2019 and Rheumatoid Arthritis. 2020 , 5, 30519-30530	3
315	Information technology in emergency management of COVID-19 outbreak. 2020 , 21, 100475	25
314	Modeling the viral dynamics of SARS-CoV-2 infection. 2020 , 328, 108438	52
313	The Global Emergency of Novel Coronavirus (SARS-CoV-2): An Update of the Current Status and Forecasting. 2020 , 17,	25
312	Potential Drugs and Remedies for the Treatment of COVID-19: a Critical Review. 2020 , 22, 15	12
311	COVID-19 - Recent advancements in identifying novel vaccine candidates and current status of upcoming SARS-CoV-2 vaccines. 2020 , 16, 2891-2904	36
310	Pipeline Pharmacological Therapies in Clinical Trial for COVID-19 Pandemic: a Recent Update. 2020 , 6, 1-13	10
309	Potential treatment methods targeting 2019-nCoV infection. 2020 , 205, 112687	20
308	Successful recovery of recurrence of positive SARS-CoV-2 RNA in COVID-19 patient with systemic lupus erythematosus: a case report and review. 2020 , 39, 2803-2810	26
307	SARS-CoV-2 specific serological pattern in healthcare workers of an Italian COVID-19 forefront hospital. 2020 , 20, 203	61

306	Targeting SARS-CoV2 Spike Protein Receptor Binding Domain by Therapeutic Antibodies. 2020 , 130, 110559	29
305	Design of an engineered ACE2 as a novel therapeutics against COVID-19. 2020 , 505, 110425	8
304	SARS-CoV-2 Vaccine Development: Current Status. 2020 , 95, 2172-2188	61
303	Clinical and Laboratory Diagnosis of SARS-CoV-2, the Virus Causing COVID-19. 2020 , 6, 2319-2336	27
302	The pharmacological development of direct acting agents for emerging needed therapy against severe acute respiratory syndrome coronavirus-2. 2020 , 83, 712-718	1
301	Molecular diagnostic technologies for COVID-19: Limitations and challenges. 2020 , 26, 149-159	137
300	Preliminary Post-Mortem COVID-19 Evidence of Endothelial Injury and Factor VIII Hyperexpression. 2020 , 10,	39
299	Race to arsenal COVID-19 therapeutics: Current alarming status and future directions. 2020 , 332, 109298	5
298	Genome based evolutionary lineage of SARS-CoV-2 towards the development of novel chimeric vaccine. 2020 , 85, 104517	9
297	Roadmap to the Bioanalytical Testing of COVID-19: From Sample Collection to Disease Surveillance. 2020 , 5, 3328-3345	22
296	Potential Diagnostic Systems for Coronavirus Detection: a Critical Review. 2020 , 22, 21	9
295	Tuberculosis and COVID-19: Lessons from the Past Viral Outbreaks and Possible Future Outcomes. 2020 , 2020, 1401053	20
294	Third-order nanocircuit elements for neuromorphic engineering. 2020 , 585, 518-523	74
293	The prognosis and prevention measures for mental health in COVID-19 patients: through the experience of SARS. 2020 , 14, 22	2
292	Design an Efficient Multi-Epitope Peptide Vaccine Candidate Against SARS-CoV-2: An in silico Analysis. 2020 , 13, 3007-3022	22
291	Traditional Chinese Medicine as Potential Therapy for COVID-19. 2020 , 48, 1263-1277	8
290	Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2), a newly emerged pathogen: an overview. 2020 , 78,	10
289	Pandemic preparedness of dentists against coronavirus disease: A Saudi Arabian experience. 2020 , 15, e0237630	28

288	Role of antibody-dependent enhancement (ADE) in the virulence of SARS-CoV-2 and its mitigation strategies for the development of vaccines and immunotherapies to counter COVID-19. 2020 , 16, 3055-3060	38
287	American Neurotology Society, American Otological Society, and American Academy of Otolaryngology - Head and Neck Foundation Guide to Enhance Otologic and Neurotologic Care During the COVID-19 Pandemic. 2020 , 41, 1163-1174	11
286	Type I Interferon Susceptibility Distinguishes SARS-CoV-2 from SARS-CoV. 2020 , 94,	175
285	Is there any potential management against COVID-19? A systematic review and meta-analysis. 2020 , 28, 765-777	9
284	Pharmacological treatments of COVID-19. 2020 , 72, 1446-1478	16
283	In silico trial to test COVID-19 candidate vaccines: a case study with UISS platform. 2020 , 21, 527	17
282	A blood transcriptome-based analysis of disease progression, immune regulation, and symptoms in coronavirus-infected patients. 2020 , 6, 141	11
281	Emerging Molecular Prospective of SARS-CoV-2: Feasible Nanotechnology Based Detection and Inhibition. 2020 , 11, 2098	5
280	Integrated Micropillar Polydimethylsiloxane Accurate CRISPR Detection System for Viral DNA Sensing. 2020 , 5, 27433-27441	17
279	Recent advances in vaccine and immunotherapy for COVID-19. 2020 , 16, 3011-3022	16
278	Trends of mutation accumulation across global SARS-CoV-2 genomes: Implications for the evolution of the novel coronavirus. 2020 , 112, 5331-5342	13
277	Comprehensive review on the prevailing COVID-19 therapeutics and the potential of repurposing SARS-CoV-1 candidate drugs to target SARS-CoV-2 as a fast-track treatment and prevention option. 2020 , 8, 1247	2
276	Potential therapeutic targets and promising drugs for combating SARS-CoV-2. 2020 , 177, 3147-3161	46
275	The healthcare and pharmaceutical vulnerability emerging from the new Coronavirus outbreak. 2020 , 27, 129-130	11
274	Knowledge-based structural models of SARS-CoV-2 proteins and their complexes with potential drugs. 2020 , 594, 1960-1973	14
273	A Precision Medicine Approach to SARS-CoV-2 Pandemic Management. 2020 , 7, 1-19	18
272	Current development of COVID-19 diagnostics, vaccines and therapeutics. 2020 , 22, 231-235	34
271	Systematic Review and Meta-Analysis of the Efficacy of Nanoscale Materials Against Coronaviruses-Possible Potential Antiviral Agents for SARS-CoV-2. 2020 , 19, 485-497	15

270	COVID-19 pandemic: an overview of epidemiology, pathogenesis, diagnostics and potential vaccines and therapeutics. 2020 , 11, 245-268	69
269	Initial success in the identification and management of the coronavirus disease 2019 (COVID-19) indicates human-to-human transmission in Wuhan, China. 2020 , 16, 1846-1860	27
268	Saliva testing for COVID-19?. 2020 , 228, 658-659	10
267	Clinical, molecular, and epidemiological characterization of the SARS-CoV-2 virus and the Coronavirus Disease 2019 (COVID-19), a comprehensive literature review. 2020 , 98, 115094	152
266	Alltest rapid lateral flow immunoassays is reliable in diagnosing SARS-CoV-2 infection from 14 days after symptom onset: A prospective single-center study. 2020 , 129, 104473	28
265	Activity and Health During the SARS-CoV2 Pandemic (ASAP): Study Protocol for a Multi-National Network Trial. 2020 , 7, 302	5
264	Challenges in Laboratory Diagnosis of the Novel Coronavirus SARS-CoV-2. <i>Viruses</i> , 2020 , 12,	6.2 200
263	Covid-19: a comprehensive review of a formidable foe and the road ahead. 2020 , 14, 869-879	9
262	A Predictive Nomogram for Predicting Improved Clinical Outcome Probability in Patients with COVID-19 in Zhejiang Province, China. 2020 ,	8
261	Emergence of novel coronavirus and progress toward treatment and vaccine. 2020 , 30, e2116	6
260	COVID-19: A Comparison of Time Series Methods to Forecast Percentage of Active Cases per Population. 2020 , 10, 3880	61
259	Diagnosing COVID-19 in the Emergency Department: A Scoping Review of Clinical Examinations, Laboratory Tests, Imaging Accuracy, and Biases. 2020 , 27, 653-670	38
258	The Nucleocapsid Protein of SARS-CoV-2: a Target for Vaccine Development. 2020 , 94,	177
257	Vaccines against Coronaviruses: The State of the Art. 2020 , 8,	28
256	Vaccine development and therapeutic design for 2019-nCoV/SARS-CoV-2: Challenges and chances. 2020 , 235, 9098-9109	38
255	Sampling and Mass Detection of a Countable Number of Microparticles Using on-Cantilever Imprinting. 2020 , 20,	3
254	[Coronavirus disease 2019 (COVID-19): update for anesthesiologists and intensivists March 2020]. 2020 , 69, 225-235	40
253	Epidemiological and Clinical Predictors of COVID-19. 2020 , 71, 786-792	136

252	Coronavirus disease 2019 (COVID-19): update for anesthesiologists and intensivists March 2020. 2020 , 1	41
251	SARS-CoV-2: What do we know so far?. 2020 , 229, e13470	10
250	Potential preanalytical and analytical vulnerabilities in the laboratory diagnosis of coronavirus disease 2019 (COVID-19). 2020 , 58, 1070-1076	351
249	Immune responses and protective effects against Japanese encephalitis induced by a DNA vaccine encoding the prM/E proteins of the attenuated SA14-14-2 strain. 2020 , 85, 104443	2
248	Coronavirus Disease Pandemic (COVID-19): Challenges and a Global Perspective. 2020 , 9,	76
247	Genome based Evolutionary study of SARS-CoV-2 towards the Prediction of Epitope Based Chimeric Vaccine. 2020 ,	3
246	Epitope-based chimeric peptide vaccine design against S, M and E proteins of SARS-CoV-2 etiologic agent of global pandemic COVID-19: an in silico approach. 2020 ,	5
245	SARS-CoV-2 Coronavirus Nucleocapsid Antigen-Detecting Half-Strip Lateral Flow Assay Toward the Development of Point of Care Tests Using Commercially Available Reagents. 2020 , 92, 11305-11309	134
244	Microfluidic Immunoassays for Sensitive and Simultaneous Detection of IgG/IgM/Antigen of SARS-CoV-2 within 15 min. 2020 , 92, 9454-9458	103
243	COVID-19 pneumonia and immune-related pneumonitis: critical issues on differential diagnosis, potential interactions, and management. 2020 , 20, 959-964	12
242	Aptamers, the bivalent agents as probes and therapies for coronavirus infections: A systematic review. 2020 , 53, 101636	25
241	The Potential of Various Nanotechnologies for Coronavirus Diagnosis/Treatment Highlighted through a Literature Analysis. 2020 , 31, 1873-1882	32
240	Review of Current Advances in Serologic Testing for COVID-19. 2020 , 154, 293-304	83
239	Diagnostic strategies for SARS-CoV-2 infection and interpretation of microbiological results. 2020 , 26, 1178-1182	95
238	Emerging Prevention and Treatment Strategies to Control COVID-19. 2020 , 9,	19
237	Test, test, test - a complication of testing for coronavirus disease 2019 with nasal swabs. 2020 , 134, 646-649	22
236	Guillain-Barré Syndrome as a Neurological Complication of Novel COVID-19 Infection: A Case Report and Review of the Literature. 2020 , 25, 101-103	45
235	Natural product-derived phytochemicals as potential agents against coronaviruses: A review. 2020 , 284, 197989	194

234	COVID-19 diagnosis and management: a comprehensive review. 2020 , 288, 192-206	532
233	The Use of Digital Health in the Detection and Management of COVID-19. 2020 , 17,	70
232	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. 2020 , 8, 506-517	812
231	Diagnostic value and dynamic variance of serum antibody in coronavirus disease 2019. 2020 , 94, 49-52	211
230	The possible of immunotherapy for COVID-19: A systematic review. 2020 , 83, 106455	81
229	Updated Approaches against SARS-CoV-2. 2020 , 64,	160
228	Clinical Evaluation of the cobas SARS-CoV-2 Test and a Diagnostic Platform Switch during 48 Hours in the Midst of the COVID-19 Pandemic. 2020 , 58,	92
227	Geospatial Hotspots Need Point-of-Care Strategies to Stop Highly Infectious Outbreaks. 2020 , 144, 1166-1190	18
226	Leveraging open hardware to alleviate the burden of COVID-19 on global health systems. 2020 , 18, e3000730	46
225	The importance of widespread testing for COVID-19 pandemic: systems thinking for drive-through testing sites. 2020 , 9, 119-123	26
224	Returning to orthopaedic business as usual after COVID-19: strategies and options. 2020 , 28, 1699-1704	38
223	Assessment of the quality of systematic reviews on COVID-19: A comparative study of previous coronavirus outbreaks. 2020 , 92, 883-890	17
222	Impact of immune enhancement on Covid-19 polyclonal hyperimmune globulin therapy and vaccine development. 2020 , 55, 102768	81
221	Coronavirus-19 disease (COVID-19): A case series of early suspected cases reported and the implications towards the response to the pandemic in Zimbabwe. 2020 , 53, 493-498	21
220	Prevalence of malnutrition and analysis of related factors in elderly patients with COVID-19 in Wuhan, China. 2020 , 74, 871-875	149
219	Blockchain and Artificial Intelligence Technology for Novel Coronavirus Disease-19 Self-Testing. 2020 , 10,	86
218	Diagnostic efficacy of anti-SARS-CoV-2 IgG/IgM test for COVID-19: A meta-analysis. 2021 , 93, 366-374	24
217	Microstructure, pathophysiology, and potential therapeutics of COVID-19: A comprehensive review. 2021 , 93, 275-299	33

216	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. 2021 , 13, 18	79
215	Recent biotechnological approaches for treatment of novel COVID-19: from bench to clinical trial. 2021 , 53, 141-170	15
214	Hydroxychloroquine for the treatment and prophylaxis of COVID-19: The journey so far and the road ahead. 2021 , 890, 173717	14
213	COVID-19 salivary signature: diagnostic and research opportunities. 2020 ,	30
212	Product of natural evolution (SARS, MERS, and SARS-CoV-2); deadly diseases, from SARS to SARS-CoV-2. 2021 , 17, 62-83	8
211	Genetics and genomics of SARS-CoV-2: A review of the literature with the special focus on genetic diversity and SARS-CoV-2 genome detection. 2021 , 113, 1221-1232	64
210	SARS-COV-2 (COVID-19): Cellular and biochemical properties and pharmacological insights into new therapeutic developments. 2021 , 39, 10-28	5
209	COVID-19 lockdown: animal life, ecosystem and atmospheric environment. 2020 , 23, 1-18	18
208	SARS-CoV-2-mediated immune system activation and potential application in immunotherapy. 2021 , 41, 1167-1194	15
207	Notes from the Field: Effectiveness of Prevention and Control Measures for Imported COVID-19 in Guangming District of Shenzhen. 2021 , 44, 93-97	
206	Nature's therapy for COVID-19: Targeting the vital non-structural proteins (NSP) from SARS-CoV-2 with phytochemicals from Indian medicinal plants.. 2021 , 1, 100002	2
205	An effective drug against COVID-19: reality or dream?. 2021 , 15, 505-518	4
204	Surgical management of oncologic patient during and after the COVID-19 outbreak: practical recommendations from the Italian society of Surgical Oncology. 2021 , 73, 321-329	10
203	Novel automated sample-to-result SARS-CoV-2 laboratory-developed RT-PCR assay for high-throughput testing using LabTurbo AIO 48 system. 2021 , 514, 54-58	8
202	A CT-based radiomics nomogram for predicting prognosis of coronavirus disease 2019 (COVID-19) radiomics nomogram predicting COVID-19. 2021 , 94, 20200634	7
201	Guidelines for Preoperative Testing for Neurosurgery in Coronavirus Disease 2019 (COVID-19) Era: Indian Viewpoint Amidst Global Practice. 2021 , 146, 103-112	3
200	Preparatory phase for clinical trials of COVID-19 vaccine in Nepal. 2021 , 17, 418-419	1
199	Leveraging on the genomics and immunopathology of SARS-CoV-2 for vaccines development: prospects and challenges. 2021 , 17, 620-637	1

198	In silico prediction of new mutations that can improve the binding abilities between 2019-nCoV coronavirus and human ACE2. 2021 , PP,		1
197	CRISPR Systems for COVID-19 Diagnosis. 2021 , 6, 1430-1445		37
196	Evaluating the effects of re-opening plans on dynamics of COVID-19 in Sã Paulo, Brazil1.		
195	COVID-19 Infected Lung Computed Tomography Segmentation and Supervised Classification Approach. 2021 , 68, 391-407		2
194	COVID-19 and SARS-CoV-2: Everything we know so far [A comprehensive review. 2021 , 19, 548-575		1
193	EPIDEMIOLOGICAL DATA ON THE DETECTION OF IMMUNOGLOBULINS OF CLASS IGM, IGG TO SARS-COV-2 AMONG POPULATION OF POLTAVA REGION. 2021 , 74, 1134-1136		1
192	Rapid SARS-CoV-2 Detection Using Electrochemical Immunosensor. 2021 , 21,		71
191	Targeting SARS-CoV-2 Novel Corona (COVID-19) Virus Infection Using Medicinal Plants. 2021 , 461-495		
190	SARS-COV-2 seroprevalence among employees of a University Hospital in Belgium during the 2020 COVID-19 outbreak (COVEMUZ-study). 2021 , 1-24		0
189	Exploring salivary diagnostics in COVID-19: a scoping review and research suggestions. 2021 , 7, 8		17
188	A Retrospective Study of the Epidemiologic and Clinical Characteristics of COVID-19 Among Hospitalized Patients in Quanzhou, China. 2021 , 3, 32-40		0
187	Comparison of clinical and serological features of RT-PCR positive and negative COVID-19 patients. 2021 , 49, 300060520972658		1
186	A complementary critical appraisal on systematic reviews regarding the most efficient therapeutic strategies for the current COVID-19 (SARS-CoV-2) pandemic. 2021 , 93, 2705-2721		5
185	The effectiveness of vitamin C for patients with severe viral pneumonia in respiratory failure. 2021 , 13, 632-641		1
184	The Inclusive Review on SARS-CoV-2 Biology, Epidemiology, Diagnosis, and Potential Management Options. 2021 , 78, 1099-1114		8
183	Immune system response during viral Infections: Immunomodulators, cytokine storm (CS) and Immunotherapeutics in COVID-19. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 173-187	4.4	11
182	Importance of Preoperative Screening Strategies for Coronavirus Disease 2019 in Patients Undergoing Cesarean Sections: A Retrospective, Large Single-Center, Observational Cohort Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
181	Ultrasensitive and Highly Specific Lateral Flow Assays for Point-of-Care Diagnosis. 2021 , 15, 3593-3611		73

180	Lessons from the COVID-19 Pandemic on the Use of Artificial Intelligence in Digital Radiology: The Submission of a Survey to Investigate the Opinion of Insiders. 2021 , 9,		2
179	Molecular (real-time reverse transcription polymerase chain reaction) diagnosis of SARS-CoV-2 infections: complexity and challenges. 2021 , 45, 135-142		2
178	SARS-CoV-2 Proteome-Wide Analysis Revealed Significant Epitope Signatures in COVID-19 Patients. 2021 , 12, 629185		11
177	Coronavirus Disease 2019-Challenges Today and Tomorrow in Orthodontic Practice: A Review. 2021 , 34, 61-67		1
176	Enhancing the analytical performance of paper lateral flow assays: From chemistry to engineering. 2021 , 136, 116200		20
175	Effect of the COVID-19 Pandemic on Interest in Home-Based Exercise: An Application of Digital Epidemiology. 2021 , 8, 47-53		2
174	Development of a multiplex Loop-Mediated Isothermal Amplification (LAMP) assay for on-site diagnosis of SARS CoV-2. 2021 , 16, e0248042		20
173	COVID-19 may enhance risk of thrombosis and hemolysis in the G6PD deficient patients. 2021 , 40, 505-517		4
172	Prevalence of anti-SARS-CoV-2 antibodies in Poznań Poland, after the first wave of the COVID-19 pandemic.		0
171	In silico identification of linear B-cell epitope in Coronavirus 2019 (SARS-CoV-2) surface glycoprotein: a prospective towards peptide vaccine. 2021 , 33,		0
170	Symptoms, Transmission, Prevention and Treatment of Pandemic Corona Virus: A Review. <i>Coronaviruses</i> , 2021 , 2, 151-158	1.5	1
169	Seroprevalence of SARS-CoV-2 Assessed by Four Chemiluminescence Immunoassays and One Immunocromatography Test for SARS-Cov-2. <i>Frontiers in Public Health</i> , 2021 , 9, 649781	6	0
168	Phytochemicals from Plant Foods as Potential Source of Antiviral Agents: An Overview. 2021 , 14,		12
167	COMPARISON OF PERFORMANCE CHARACTERISTICS BETWEEN LATERAL FLOW, ELISA AND ELECTROCHEMILUMINESCENCE IMMUNOASSAYS FOR THE DETECTION OF SARS-COV-2 ANTIBODIES AMONG HEALTHCARE WORKERS.		
166	Performance Evaluation of the Siemens SARS-CoV-2 Total Antibody and IgG Antibody Test. 2021 , 52, e147-e153		4
165	False-positive colloidal gold-based immunochromatographic strip assay reactions for antibodies to SARS-CoV-2 in patients with autoimmune diseases. 2021 , 9, 534		1
164	The effect of propolis plus <i>Hyoscyamus niger</i> L. methanolic extract on clinical symptoms in patients with acute respiratory syndrome suspected to COVID-19: A clinical trial. 2021 , 35, 4000-4006		9
163	RNA Coronaviruses' Outbreaks: Recent Progress on the SARS-CoV-2 Pandemic Diagnostic Tests, Vaccination and Therapeutics. 2021 ,		

162	Effect of the Period From COVID-19 Symptom Onset to Confirmation on Disease Duration: Quantitative Analysis of Publicly Available Patient Data (Preprint).	
161	Role of phytoconstituents in the management of COVID-19. 2021 , 341, 109449	9
160	rRT-PCR for SARS-CoV-2: Analytical considerations. 2021 , 516, 1-7	13
159	Targeting the viral-entry facilitators of SARS-CoV-2 as a therapeutic strategy in COVID-19. 2021 , 93, 5260-52768	
158	COVID-19 recovery rate and its association with development. 73, 8-14	1
157	All-in-One DNA Extraction Tube for Facilitated Real-Time Detection of Infectious Pathogens. 2021 , 10, e2100430	1
156	Therapeutic approaches targeting renin-angiotensin system in sepsis and its complications. 2021 , 167, 105409	4
155	miRNAs in SARS-CoV 2: A Spoke in the Wheel of Pathogenesis. 2021 , 27, 1628-1641	20
154	Reverse Transcription Polymerase Chain Reaction (RT-PCR) as a Tool for Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) Surveillance in the Military. 2021 , 9,	
153	The interplay between the immune system and SARS-CoV-2 in COVID-19 patients. 2021 , 166, 2109-2117	2
152	The 15-Months Clinical Experience of SARS-CoV-2: A Literature Review of Therapies and Adjuvants. 2021 , 10,	11
151	Current Paradigms in COVID-19 Research: Proposed Treatment Strategies, Recent Trends and Future Directions. 2021 , 28, 3173-3192	2
150	Prevalence of Anti-SARS-CoV-2 Antibodies in Poznań Poland, after the First Wave of the COVID-19 Pandemic. 2021 , 9,	2
149	TRIzol-based RNA extraction for detection protocol for SARS-CoV-2 of coronavirus disease 2019. 2021 , 41, 100874	3
148	ASSURED-compliant point-of-care diagnostics for the detection of human viral infections. e2263	2
147	The pivotal roles of the host immune response in the fine-tuning the infection and the development of the vaccines for SARS-CoV-2. 2021 , 17, 3297-3309	3
146	Nutraceutical Approach to Preventing Coronavirus Disease 2019 and Related Complications. 2021 , 12, 582556	2
145	Microsampling: A role to play in Covid-19 diagnosis, surveillance, treatment and clinical trials. 2021 , 13, 1238-1248	1

144	The SARS-CoV-2 Nucleocapsid Protein and Its Role in Viral Structure, Biological Functions, and a Potential Target for Drug or Vaccine Mitigation. <i>Viruses</i> , 2021 , 13,	6.2	32
143	Coronavirus Disease 2019 (COVID-19): Current Situation and Therapeutic Options. <i>Coronaviruses</i> , 2021 , 2, 481-491	1.5	10
142	Origin, Pathogenesis, Diagnosis and Treatment Options for SARS-CoV-2: A Review. 2021 , 76, 1-19		5
141	COVID-19 Global Pandemic Fight by Drugs: A Mini-Review on Hope and Hype. 2021 , 18,		
140	Recent advances in antibody-based immunotherapy strategies for COVID-19. 2021 , 122, 1389-1412		9
139	SARS-CoV-2 and its new variants: a comprehensive review on nanotechnological application insights into potential approaches. 2021 , 1-29		2
138	Coronavirus disease (COVID-19) pandemic: an overview of systematic reviews. 2021 , 21, 525		4
137	Rapid and Visual Detection of SARS-CoV-2 Using Multiplex Reverse Transcription Loop-Mediated Isothermal Amplification Linked With Gold Nanoparticle-Based Lateral Flow Biosensor. 2021 , 11, 581239		5
136	COVID-19: How Nuclear Medicine Can Provide A Differential Diagnosis In A Very Dubious Case. <i>Coronaviruses</i> , 2021 , 2,	1.5	
135	COVID-19 Pandemic Forecasting Using CNN-LSTM: A Hybrid Approach. 2021 , 2021, 1-23		12
134	Reporting and methodological quality of COVID-19 systematic reviews needs to be improved: an evidence mapping. 2021 , 135, 17-28		14
133	COMPARISON OF PERFORMANCE CHARACTERISTICS BETWEEN LATERAL FLOW, ELISA AND ELECTROCHEMILUMINESCENCE IMMUNOASSAYS FOR THE DETECTION OF SARS-COV-2 ANTIBODIES AMONG HEALTHCARE WORKERS. 2021 , 45-48		
132	Mechanistic Aspects of Medicinal Plants and Secondary Metabolites against Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). 2021 , 27, 3996-4007		6
131	In-silico study of peptide-protein interaction of antimicrobial peptides potentially targeting SARS and SARS-CoV-2 nucleocapsid protein. 2021 , 9, 46		2
130	Minute-scale detection of SARS-CoV-2 using a low-cost biosensor composed of pencil graphite electrodes. 2021 , 118,		22
129	Exploring dynamics and network analysis of spike glycoprotein of SARS-COV-2. 2021 , 120, 2902-2913		9
128	Risk Factors Associated with the Clinical Outcomes of COVID-19 and Its Variants in the Context of Cytokine Storm and Therapeutics/Vaccine Development Challenges. 2021 , 9,		0
127	Nanocarriers in the Delivery of Hydroxychloroquine to the Respiratory System: An Alternative to COVID-19. 2021 , 18, 583-595		4

126	COVID-19: clinical presentation and detection methods. 2021 , 1951291	4
125	Detection of Anti-SARS-CoV-2-S2 IgG Is More Sensitive Than Anti-RBD IgG in Identifying Asymptomatic COVID-19 Patients. 2021 , 12, 724763	4
124	A Pilot Study on Presence of SARS-CoV-2-RNA in Iranian Blood Donors. 2021 , 14,	
123	Data and Digital Solutions to Support Surveillance Strategies in the Context of the COVID-19 Pandemic. 2021 , 3, 707902	3
122	One Year on: An Overview of Singapore's Response to COVID-19-What We Did, How We Fared, How We Can Move Forward. 2021 , 18,	1
121	Effect of the Period From COVID-19 Symptom Onset to Confirmation on Disease Duration: Quantitative Analysis of Publicly Available Patient Data. 2021 , 23, e29576	0
120	Performance of COVID-19 associated symptoms and temperature checking as a screening tool for SARS-CoV-2 infection. 2021 , 16, e0257450	6
119	Targeting intra-viral conserved nucleocapsid (N) proteins as novel vaccines against SARS-CoVs. 2021 , 41,	4
118	Management of Future Outbreak Risks (Prevention, Control and Treatment). 2022 , 67-89	
117	Multiplex Biosensing for Simultaneous Detection of Mutations in SARS-CoV-2. 2021 , 6, 25846-25859	6
116	Organoid Technology: A Reliable Developmental Biology Tool for Organ-Specific Nanotoxicity Evaluation. 2021 , 9, 696668	6
115	"The effectiveness of rapid antigen test-based for SARS-CoV-2 detection in nursing homes in Valencia, Spain". 2021 , 143, 104941	3
114	Vaccine design and delivery approaches for COVID-19. 2021 , 100, 108086	6
113	Sane and safe: Forced social distancing to prevent human-to-human transmission of COVID-19. 2021 , 16, 15-17	
112	Deep COVID DeteCT: an international experience on COVID-19 lung detection and prognosis using chest CT. 2021 , 4, 11	16
111	Inside the story about the research and development of COVID-19 vaccines. 2021 , 10, 154-170	8
110	A blood transcriptome-based analysis of disease progression, immune regulation, and symptoms in coronavirus-infected patients. 2020 , 6,	1
109	Preparing for the Perpetual Challenges of Pandemics of Coronavirus Infections with Special Focus on SARS-CoV-2. 2020 , 165-186	6

108	COVID-19 therapy: What weapons do we bring into battle?. 2020 , 28, 115757	12
107	Cardiovascular implications and complications of the coronavirus disease-2019 pandemic: a world upside down. 2021 , 36, 241-251	1
106	Validation of a single-step, single-tube reverse transcription loop-mediated isothermal amplification assay for rapid detection of SARS-CoV-2 RNA. 2020 , 69, 1169-1178	39
105	Integrated Micropillar Polydimethylsiloxane Accurate CRISPR Detection (IMPACT) System for Rapid Viral DNA Sensing.	5
104	Scrutinizing the SARS-CoV-2 protein information for the designing an effective vaccine encompassing both the T-cell and B-cell epitopes.	1
103	Rapid diagnosis of SARS-CoV-2 infection by detecting IgG and IgM antibodies with an immunochromatographic device: a prospective single-center study.	11
102	FALSE-NEGATIVE RESULTS OF INITIAL RT-PCR ASSAYS FOR COVID-19: A SYSTEMATIC REVIEW.	99
101	Coronavirus Disease (COVID-19) Pandemic: An Overview of Systematic Reviews.	4
100	Design an efficient multi-epitope peptide vaccine candidate against SARS-CoV-2: An in silico analysis.	3
99	Antibody tests in detecting SARS-CoV-2 infection: a meta-analysis.	13
98	Evaluation of WHO listed COVID-19 qPCR primers and probe in silico with 375 SERS-CoV-2 full genome sequences.	5
97	Reconstructed diagnostic sensitivity and specificity of the RT-PCR test for COVID-19.	11
96	Validation of a single-step, single-tube reverse transcription-loop-mediated isothermal amplification assay for rapid detection of SARS-CoV-2 RNA.	4
95	Tuberculosis and COVID-19 in 2020: lessons from the past viral outbreaks and possible future outcomes.	3
94	In Silico Trial to test COVID-19 candidate vaccines: a case study with UISS platform.	2
93	Exploring dynamics and network analysis of spike glycoprotein of SARS-COV-2. 2020 ,	4
92	An elderly couple with COVID-19 pneumonia treated in Singapore: contrasting clinical course and management. 2020 , 61, 392-394	1
91	An overview on COVID-19: reality and expectation. 2020 , 44, 86	14

90	Clinical application of combined detection of SARS-CoV-2-specific antibody and nucleic acid. 2020 , 8, 4360-4369	6
89	False-negative results of initial RT-PCR assays for COVID-19: A systematic review. 2020 , 15, e0242958	255
88	Analytical performances of a chemiluminescence immunoassay for SARS-CoV-2 IgM/IgG and antibody kinetics. 2020 , 58, 1081-1088	193
87	Study of ongoing registered clinical trials on COVID-19: a narrative review. 2020 , 138, 441-456	7
86	SARS-CoV-2 and the COVID-19 disease: a mini review on diagnostic methods. 2020 , 62, e44	48
85	Frontier Therapeutics and Vaccine Strategies for SARS-CoV-2 (COVID-19): A Review. 2020 , 49, 18-29	20
84	Development and validation of a risk stratification model for screening suspected cases of COVID-19 in China. 2020 , 12, 13882-13894	6
83	The Use of Digital Health in the Detection and Management of COVID-19 (Preprint).	0
82	How Close are We to a COVID-19 Vaccine?. 2020 , 14, 893-902	5
81	Strategies of RT-PCR-based assay design and surveillance of SARS-CoV-2. 2020 ,	0
80	Cross-Country Comparison of Case Fatality Rates of COVID-19/SARS-COV-2. 2020 , 11, 74-80	134
79	A Narrative Review of COVID-19: The New Pandemic Disease. 2020 , 45, 233-249	18
78	Medication for COVID-19-an Overview of Approaches Currently Under Study. 2020 , 117, 213-219	13
77	Antibody Tests in Detecting SARS-CoV-2 Infection: A Meta-Analysis. 2020 , 10,	143
76	COVID-19: A Global Challenge with Old History, Epidemiology and Progress So Far. 2020 , 26,	94
75	The Main Molecular and Serological Methods for Diagnosing COVID-19: An Overview Based on the Literature. <i>Viruses</i> , 2020 , 13,	6.2 19
74	Dynamics of Population Immunity Due to the Herd Effect in the COVID-19 Pandemic. 2020 , 8,	55
73	The 2019 novel coronavirus disease (COVID-19) pandemic: A review of the current evidence. 2020 , 151, 147-159	104

72	Current status of COVID-19 pandemic; characteristics, diagnosis, prevention, and treatment. 2020 , 25, 101		5
71	COVID-19 and Singapore: From Early Response to Circuit Breaker. 2020 , 49, 561-572		31
70	Lopinavir-ritonavir for COVID-19: A living systematic review. 2020 , 20, e7967		20
69	Vaccines and Drug Therapeutics to Lock Down Novel Coronavirus Disease 2019 (COVID-19): A Systematic Review of Clinical Trials. <i>Cureus</i> , 2020 , 12, e8342	1.2	24
68	Aptamer-based biosensors and their implications in COVID-19 diagnosis. 2021 , 13, 5400-5417		4
67	Biomedical Applications of Chinese Herb-Synthesized Silver Nanoparticles by Phytonanotechnology. 2021 , 11,		2
66	Rapid Detection of Coronavirus (COVID-19) Using Microwave Immunosensor Cavity Resonator. 2021 , 21,		3
65	The Lancet Commission on diagnostics: transforming access to diagnostics. 2021 , 398, 1997-2050		22
64	Review of published systematic reviews and meta-analyses on COVID-19.		
63	Multi-epitope Based Peptide Vaccine Design Using Three Structural Proteins (S, E, and M) of SARS-CoV-2: An In Silico Approach.		0
62	Lessons Learned from SARS-CoV and MERS-CoV: Preparation for SARS-CoV-2 induced COVID-19. 2020 , 50, 76-96		1
61	Animal Model Prescreening: Pre-exposure to SARS-CoV-2 impacts responses in the NHP model.		
60	Papel de las pruebas rápidas (POCT) en el diagnóstico del SARS-COV-2, agente causal de COVID-19. 2020 , 18, 43-52		
59	Enhancement of SARS-CoV-2 Receptor Binding Domain -CR3022 Human Antibody Binding Affinity via In silico Engineering Approach. 2021 , 9, 156-169		
58	Development of the DNA-based biosensors for high performance in detection of molecular biomarkers: More rapid, sensitive, and universal. 2022 , 197, 113739		8
57	Insights into Novel Coronavirus and COVID-19 Outbreak. 2020 , 1-17		2
56	Natural and semisynthetic candidate molecules for COVID-19 prophylaxis and treatment. 2020 , 61, 321-334		1
55	Lopinavir/ritonavir for the treatment of COVID-19: A living systematic review protocol.		1

54	Cell-based therapies for COVID-19: A living systematic review.		
53	In silico comparative analysis of HIV protease inhibitors effect on 2019-nCoV coronavirus 3CLpro. 2020 , 4, 012-014		
52	Current trends and possible therapeutic options against COVID-19. 110-120		1
51	COVID-19 in regions with low prevalence and low density of population. An uncertainty dynamic modeling approach.		
50	Dünyada ve Türkiye'de Covid-19 Ağırlı Geliştirme Bilgileri		1
49	COVID-19 Prevention and Management : Overview. 2020 , 23-32		
48	Biophysical Aspects of Interactions at the Bionanointerface between Viruses and Metal and Metal Oxide Nanomaterials. 2020 , 1, 175-185		
47	Epidemiological and Clinical Aspects of COVID-19; a Narrative Review. 2020 , 8, e41		65
46	Laboratory Tests for COVID-19: A Review of Peer-Reviewed Publications and Implications for Clinical Use. 2020 , 117, 184-195		15
45	The COVID-19 Vaccine Saga: A Perspective. 2020 , 9, 218-219		1
44	Clinical Characteristics of Coronavirus Disease 2019 (COVID-19): A Comparison Between Laboratory-Confirmed and Clinically Suspected Patients. 2021 , 1-9		
43	Comparison of clinical, laboratory and radiological features in confirmed and unconfirmed COVID-19 patients. 2021 , 16, 1389-1400		
42	COVID-19 Clinical Relevance of a Negative RT-PCR SARS-CoV-2 Test. 2020 , 2020, 1		
41	The effect of influenza vaccine on severity of COVID-19 infection: An original study from Iran.. <i>Medical Journal of the Islamic Republic of Iran</i> , 2021 , 35, 114	1.1	5
40	Insights on Epidemiology, Pathogenesis, Diagnosis and Possible Treatment of COVID-19 Infection.. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2022 , 1-9	1.4	0
39	APOA1 Level is Negatively Correlated with the Severity of COVID-19.. <i>International Journal of General Medicine</i> , 2022 , 15, 689-698	2.3	0
38	Phytoconstituents in the Management of Covid-19: Demystifying the Fact.. <i>Drug Research</i> , 2022 , 72,	1.8	
37	Are we in this together? Changes in anti-immigrant sentiments during the COVID-19 pandemic.. <i>International Journal of Intercultural Relations</i> , 2022 , 86, 203-216	2.3	0

36	Essentials of COVID-19 and treatment approaches. 2022 , 397-422		
35	Outbreak of COVID-19: A Detailed Overview and Its Consequences.. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1353, 23-45	3.6	3
34	Unraveling of inhibitory potential of phytochemicals against SARS-CoV-2 using in-silico approach. 2022 , 471-500		
33	Plasmon-enhanced Quantitative Lateral Flow Assay for Femtomolar Detection of SARS-CoV-2 Antibodies and Antigens.. 2022 ,		
32	The Implications of COVID-19 Pandemic on Dollar Exchange Rate of Pakistan. <i>Frontiers in Applied Mathematics and Statistics</i> , 2022 , 8,	2.2	0
31	Inhibition of the IFN- β /JAK/STAT Pathway by MERS-CoV and SARS-CoV-1 Proteins in Human Epithelial Cells.. <i>Viruses</i> , 2022 , 14,	6.2	0
30	Recent advances in understanding SARS-CoV-2 infection and updates on potential diagnostic and therapeutics for COVID-19. <i>Coronaviruses</i> , 2022 , 03,	1.5	
29	Antibody Response to SARS-CoV-2 in Relation to the Contributing Factors in COVID-19 Patients.. <i>Viral Immunology</i> , 2022 ,	1.7	0
28	Development of nanoparticles for pharmaceutical preparations using supercritical techniques. <i>Chemical Engineering Communications</i> , 1-22	2.2	1
27	Nanomaterials and Bioactive Compounds against SARS-CoV-2. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-13	3.2	0
26	DNA aptamer selection for SARS-CoV-2 spike glycoprotein detection.. <i>Analytical Biochemistry</i> , 2022 , 114633	4.3	1
25	Comparison of Real-Q 2019-nCoV and DaAn Gene 2019-nCoV polymerase chain reaction assays for the detection of SARS-CoV-2. <i>Journal of Clinical Laboratory Analysis</i> , 2021 , e24161	3	1
24	Erythema Multiforme-Like Presentation in an Asymptomatic COVID-19 Patient.. <i>Cureus</i> , 2021 , 13, e20814.2	1.2	0
23	A novel statistical method predicts mutability of the genomic segments of the SARS-CoV-2 virus.. <i>QRB Discovery</i> , 2022 , 3, e1	2.7	
22	Antiviral Biodegradable Food Packaging and Edible Coating Materials in the COVID-19 Era: A Mini-Review. <i>Coatings</i> , 2022 , 12, 577	2.9	2
21	A probabilistic epidemiological model for infectious diseases: The case of COVID-19 at global-level.. <i>Risk Analysis</i> , 2022 ,	3.9	1
20	Virtual screening and molecular dynamics simulation analysis of Forsythoside A as a plant-derived inhibitor of SARS-CoV-2 3CLpro. <i>Saudi Pharmaceutical Journal</i> , 2022 ,	4.4	4
19	Association Between Dimensions of Professional Burnout and Turnover Intention Among Nurses Working in Hospitals During Coronavirus Disease (COVID-19) Pandemic in Iran Based on Structural Model. <i>Frontiers in Public Health</i> , 2022 , 10,	6	1

18	Clinical and Biochemical Characteristics of COVID-19 in a Primary Care Center in the South Batinah Region of Oman. <i>Cureus</i> , 2022 ,	1.2	
17	Targeting SARS-CoV-2 non-structural protein 13 via helicase-inhibitor-repurposing and non-structural protein 16 through pharmacophore-based screening. <i>Molecular Diversity</i> ,	3.1	1
16	Change in Knowledge, Awareness, and Perception of Dentists Regarding COVID-19 in Belagavi City, Karnataka: A Questionnaire Study. <i>World Journal of Dentistry</i> , 2022 , 13, 400-405	0.2	
15	Evaluation of Two Broadly Used Commercial Methods for Detection of Respiratory Viruses with a Recently Added New Target for Detection of SARS-CoV-2. <i>Viruses</i> , 2022 , 14, 1530	6.2	
14	A Review on Potential Electrochemical Point-of-Care Tests Targeting Pandemic Infectious Disease Detection: COVID-19 as a Reference. <i>Chemosensors</i> , 2022 , 10, 269	4	4
13	Sentiment Analysis of the PeduliLindungi on Google Play using the Random Forest Algorithm with SMOTE. 2022 ,		0
12	Intention to receive COVID-19 vaccine among healthcare workers: a comparison between two surveys 2022 , 22,		1
11	Rapid, label-free and low-cost diagnostic kit for COVID-19 based on liquid crystals and machine learning. 2022 , 12, 100233		0
10	Development of Clinical Risk Scores for Detection of COVID-19 in Suspected Patients During a Local Outbreak in China: A Retrospective Cohort Study. 67,		0
9	Virus-Like Particles of SARS-CoV-2 as Virus Surrogates: Morphology, Immunogenicity, and Internalization in Neuronal Cells.		0
8	A comparison between SARS-CoV-1 and SARS-CoV2: an update on current COVID-19 vaccines.		0
7	Bayesian Measurement of Diagnostic Accuracy of the RT-PCR Test for COVID-19. 2022 , 2, 414-426		0
6	What Contributes to COVID-19 Vaccine Hesitancy? A Systematic Review of the Psychological Factors Associated with COVID-19 Vaccine Hesitancy. 2022 , 10, 1777		2
5	Investigation and comparison of graphene nanoribbon and carbon nanotube based SARS-CoV-2 detection sensors: An ab initio study. 2023 , 648, 414438		1
4	The correlation between IgM and IgG antibodies with blood profile in patients infected with severe acute respiratory syndrome coronavirus. 2022 , 20,		0
3	Ultrasensitive lateral-flow assays via plasmonically active antibody-conjugated fluorescent nanoparticles.		0
2	Dental calculus [An emerging bio resource for past SARS CoV2 detection, studying its evolution and relationship with oral microflora. 2023 , 35, 102646		0
1	Analysis of severe acute respiratory syndrome coronavirus 2 antibodies response in COVID-19 patients and health-care workers. 2023 , 15, 70		0

