Federico Bertoglio

List of Publications by Year
in descending order

29	1,317	430874 18	501196 28
papers	citations	h-index	g-index

37	37	37	2306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. Carbohydrate Polymers, 2018, 181, 275-284.	10.2	228
2	Persistence of SARS-CoV-2-specific B and TÂcell responses in convalescent COVID-19 patients 6â€“8Âmonths after the infection. Med, 2021, 2, 281-295.e4.	4.4	153
3	Silver nanoparticles synthesized and coated with pectin: An ideal compromise for anti-bacterial and anti-biofilm action combined with wound-healing properties. Journal of Colloid and Interface Science, 2017, 498, 271-281.	9.4	110
4	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. Nature Communications, 2022, 13, 2670.	12.8	108
5	A SARS-CoV-2 neutralizing antibody selected from COVID-19 patients binds to the ACE2-RBD interface and is tolerant to most known RBD mutations. Cell Reports, 2021, 36, 109433.	6.4	75
6	SARS-CoV-2 neutralizing human recombinant antibodies selected from pre-pandemic healthy donors binding at RBD-ACE2 interface. Nature Communications, 2021, 12, 1577.	12.8	73
7	Human serum from SARS-CoV-2-vaccinated and COVID-19 patients shows reduced binding to the RBD of SARS-CoV-2 Omicron variant. BMC Medicine, 2022, 20, 102.	5.5	67
8	Immunity to SARS-CoV-2 up to 15Âmonths after infection. IScience, 2022, 25, 103743.	4.1	56
9	Synergic Effect of Nanolignin and Metal Oxide Nanoparticles into Poly(<scp>l</scp>-lactide) Bionanocomposites: Material Properties, Antioxidant Activity, and Antibacterial Performance. ACS Applied Bio Materials, 2020, 3, 5263-5274.	4.6	52
10	Developing Recombinant Antibodies by Phage Display Against Infectious Diseases and Toxins for Diagnostics and Therapy. Frontiers in Cellular and Infection Microbiology, 2021, 11, 697876.	3.9	40
11	Cellulose nanocrystals as templates for cetyltrimethylammonium bromide mediated synthesis of Ag nanoparticles and their novel use in PLA films. Carbohydrate Polymers, 2017, 157, 1557-1567.	10.2	39
12	The effect of pulsed electromagnetic field exposure on osteoinduction of human mesenchymal stem cells cultured on nano-TiO2 surfaces. PLoS ONE, 2018, 13, e0199046.	2.5	32
13	Baculovirus-free insect cell expression system for high yield antibody and antigen production. Scientific Reports, 2020, 10, 21393.	3.3	30
14	Polyurethane-Based Composites: Effects of Antibacterial Fillers on the Physical-Mechanical Behavior of Thermoplastic Polyurethanes. Polymers, 2020, 12, 362.	4.5	30
15	Nanostructured TiO2 Surfaces Promote Human Bone Marrow Mesenchymal Stem Cells Differentiation to Osteoblasts. Nanomaterials, 2016, 6, 124.	4.1	24
16	Treatment of Biofilm Communities: An Update on New Tools from the Nanosized World. Applied Sciences (Switzerland), 2018, 8, 845.	2.5	22
17	Comparison of apical extrusion of intracanal bacteria by various glide-path establishing systems: an in vitro study. Restorative Dentistry & Endodontics, 2017, 42, 316.	1.5	20
18	Polyurethane-Based Coatings with Promising Antibacterial Properties. Materials, 2020, 13, 4296.	2.9	20

#	Article	IF	Citations
19	BDNF levels are associated with autistic traits in the general population. Psychoneuroendocrinology, 2018, 89, 131-133.	2.7	16
20	ChAdOx1â€š adenoviral vector vaccine applied intranasally elicits superior mucosal immunity compared to the intramuscular route of vaccination. European Journal of Immunology, 2022, 52, 936-945.	2.9	12
21	Increased Antibacterial and Antibiofilm Properties of Silver Nanoparticles Using Silver Fluoride as Precursor. Molecules, 2020, 25, 3494.	3.8	11
22	MCMV-based vaccine vectors expressing full-length viral proteins provide long-term humoral immune protection upon a single-shot vaccination. Cellular and Molecular Immunology, 2022, 19, 234-244.	10.5	8
23	A Pilot Study on Covid and Autism: Prevalence, Clinical Presentation and Vaccine Side Effects. Brain Sciences, 2021, 11, 860.	2.3	7
24	The Open Challenge of in vitro Modeling Complex and Multi-Microbial Communities in Three-Dimensional Niches. Frontiers in Bioengineering and Biotechnology, 2020, 8, 539319.	4.1	5
25	Phage Display-Derived Compounds Displace hACE2 from Its Complex with SARS-CoV-2 Spike Protein. Biomedicines, 2022, 10, 441.	3.2	4
26	ORFeome Phage Display Reveals a Major Immunogenic Epitope on the S2 Subdomain of SARS-CoV-2 Spike Protein. Viruses, 2022, 14, 1326.	3.3	4
27	A SARS-CoV-2 Neutralizing Antibody Selected from COVID-19 Patients by Phage Display is Binding to the ACE2-RBD Interface and is Tolerant to Known RBD Mutations. SSRN Electronic Journal, 0, , .	0.4	3
28	Collection of Monoclonal Antibodies Targeting SARS-CoV-2 Proteins. Viruses, 2022, 14, 443.	3.3	3
29	Reproducible and Easy Production of Mammalian Proteins by Transient Gene Expression in High Five Insect Cells. Methods in Molecular Biology, 2021, 2305, 129-140.	0.9	2