

Federico Bertoglio

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,317
citations

430754

18
h-index

501076

28
g-index

37
all docs

37
docs citations

37
times ranked

2306
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. <i>Carbohydrate Polymers</i> , 2018, 181, 275-284.	5.1	228
2	Persistence of SARS-CoV-2-specific B and T cell responses in convalescent COVID-19 patients 6–8 months after the infection. <i>Med</i> , 2021, 2, 281-295.e4.	2.2	153
3	Silver nanoparticles synthesized and coated with pectin: An ideal compromise for anti-bacterial and anti-biofilm action combined with wound-healing properties. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 271-281.	5.0	110
4	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. <i>Nature Communications</i> , 2022, 13, 2670.	5.8	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. <i>Cell Reports</i> , 2021, 36, 109433.	2.9	75
6	SARS-CoV-2 neutralizing human recombinant antibodies selected from pre-pandemic healthy donors binding at RBD-ACE2 interface. <i>Nature Communications</i> , 2021, 12, 1577.	5.8	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. <i>BMC Medicine</i> , 2022, 20, 102.	2.3	67
8	Immunity to SARS-CoV-2 up to 15 months after infection. <i>IScience</i> , 2022, 25, 103743.	1.9	56
9	Synergic Effect of Nanolignin and Metal Oxide Nanoparticles into Poly(lactide) Bionanocomposites: Material Properties, Antioxidant Activity, and Antibacterial Performance. <i>ACS Applied Bio Materials</i> , 2020, 3, 5263-5274.	2.3	52
10	Developing Recombinant Antibodies by Phage Display Against Infectious Diseases and Toxins for Diagnostics and Therapy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 697876.	1.8	40
11	Cellulose nanocrystals as templates for cetyltrimethylammonium bromide mediated synthesis of Ag nanoparticles and their novel use in PLA films. <i>Carbohydrate Polymers</i> , 2017, 157, 1557-1567.	5.1	39
12	The effect of pulsed electromagnetic field exposure on osteoinduction of human mesenchymal stem cells cultured on nano-TiO ₂ surfaces. <i>PLoS ONE</i> , 2018, 13, e0199046.	1.1	32
13	Baculovirus-free insect cell expression system for high yield antibody and antigen production. <i>Scientific Reports</i> , 2020, 10, 21393.	1.6	30
14	Polyurethane-Based Composites: Effects of Antibacterial Fillers on the Physical-Mechanical Behavior of Thermoplastic Polyurethanes. <i>Polymers</i> , 2020, 12, 362.	2.0	30
15	Nanostructured TiO ₂ Surfaces Promote Human Bone Marrow Mesenchymal Stem Cells Differentiation to Osteoblasts. <i>Nanomaterials</i> , 2016, 6, 124.	1.9	24
16	Treatment of Biofilm Communities: An Update on New Tools from the Nanosized World. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 845.	1.3	22
17	Comparison of apical extrusion of intracanal bacteria by various glide-path establishing systems: an <i>in vitro</i> study. <i>Restorative Dentistry & Endodontics</i> , 2017, 42, 316.	0.6	20
18	Polyurethane-Based Coatings with Promising Antibacterial Properties. <i>Materials</i> , 2020, 13, 4296.	1.3	20

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19	BDNF levels are associated with autistic traits in the general population. <i>Psychoneuroendocrinology</i> , 2018, 89, 131-133.	1.3	16
20	ChAdOx1 adenoviral vector vaccine applied intranasally elicits superior mucosal immunity compared to the intramuscular route of vaccination. <i>European Journal of Immunology</i> , 2022, 52, 936-945.	1.6	12
21	Increased Antibacterial and Antibiofilm Properties of Silver Nanoparticles Using Silver Fluoride as Precursor. <i>Molecules</i> , 2020, 25, 3494.	1.7	11
22	MCMV-based vaccine vectors expressing full-length viral proteins provide long-term humoral immune protection upon a single-shot vaccination. <i>Cellular and Molecular Immunology</i> , 2022, 19, 234-244.	4.8	8
23	A Pilot Study on Covid and Autism: Prevalence, Clinical Presentation and Vaccine Side Effects. <i>Brain Sciences</i> , 2021, 11, 860.	1.1	7
24	The Open Challenge of in vitro Modeling Complex and Multi-Microbial Communities in Three-Dimensional Niches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 539319.	2.0	5
25	Phage Display-Derived Compounds Displace hACE2 from Its Complex with SARS-CoV-2 Spike Protein. <i>Biomedicines</i> , 2022, 10, 441.	1.4	4
26	ORFeome Phage Display Reveals a Major Immunogenic Epitope on the S2 Subdomain of SARS-CoV-2 Spike Protein. <i>Viruses</i> , 2022, 14, 1326.	1.5	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. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
28	Collection of Monoclonal Antibodies Targeting SARS-CoV-2 Proteins. <i>Viruses</i> , 2022, 14, 443.	1.5	3
29	Reproducible and Easy Production of Mammalian Proteins by Transient Gene Expression in High Five Insect Cells. <i>Methods in Molecular Biology</i> , 2021, 2305, 129-140.	0.4	2