

# Francesco Ria

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,891  
citations

279487

23  
h-index

264894

42  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2400  
citing authors

#	ARTICLE	IF	CITATIONS
1	A TLR/CD44 axis regulates T cell trafficking in experimental and human multiple sclerosis. <i>IScience</i> , 2022, 25, 103763.	1.9	12
2	Statement of the Italian Association of Medical Physics (AIFM) task group on radiation dose monitoring systems. <i>Insights Into Imaging</i> , 2022, 13, 23.	1.6	8
3	Organ doses and cancer risk assessment in patients exposed to high doses from recurrent CT exams. <i>European Journal of Radiology</i> , 2022, 149, 110224.	1.2	14
4	Alternative splicing of neuexins 1â€“3 is modulated by neuroinflammation in the prefrontal cortex of a murine model of multiple sclerosis. <i>Experimental Neurology</i> , 2021, 335, 113497.	2.0	19
5	Structured mentorship program for the ABR international medical graduates alternate pathway for medical physicists in diagnostic imaging. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 351-353.	0.8	0
6	Comparison of 12 surrogates to characterize CT radiation risk across a clinical population. <i>European Radiology</i> , 2021, 31, 7022-7030.	2.3	16
7	Patient-Informed Organ Dose Estimation in Clinical CT: Implementation and Effective Dose Assessment in 1048 Clinical Patients. <i>American Journal of Roentgenology</i> , 2021, 216, 824-834.	1.0	15
8	Simultaneous Onset of <i>Mycobacterium kansasii</i> Pulmonary Infection and Systemic Lupus Erythematosus: A Case Report. <i>American Journal of Case Reports</i> , 2021, 22, e929866.	0.3	0
9	<i>Haemophilus parasuis</i> ( <i>Glaesserella parasuis</i> ) as a Potential Driver of Molecular Mimicry and Inflammation in Rheumatoid Arthritis. <i>Frontiers in Medicine</i> , 2021, 8, 671018.	1.2	15
10	Growing role of S100B protein as a putative therapeutic target for neurological- and nonneurological-disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 446-458.	2.9	20
11	SMA-miRs (miR-181a-5p, -324-5p, and -451a) are overexpressed in spinal muscular atrophy skeletal muscle and serum samples. <i>ELife</i> , 2021, 10, .	2.8	13
12	S100B Protein as a Therapeutic Target in Multiple Sclerosis: The S100B Inhibitor Arundic Acid Protects from Chronic Experimental Autoimmune Encephalomyelitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13558.	1.8	14
13	Serum S100B protein as a marker of severity in Covid-19 patients. <i>Scientific Reports</i> , 2020, 10, 18665.	1.6	68
14	The S100B Inhibitor Pentamidine Ameliorates Clinical Score and Neuropathology of Relapsingâ€“Remitting Multiple Sclerosis Mouse Model. <i>Cells</i> , 2020, 9, 748.	1.8	26
15	A database of 40 patientâ€“based computational models for benchmarking organ dose estimates in CT. <i>Medical Physics</i> , 2020, 47, 6562-6566.	1.6	5
16	Technical Note: Validation of TG 233 phantom methodology to characterize noise and dose in patient CT data. <i>Medical Physics</i> , 2020, 47, 1633-1639.	1.6	12
17	Past and Future of the Molecular Characterization of the T Cell Repertoire: Some Highlights of Eli Sercarz's Contributions. <i>Critical Reviews in Immunology</i> , 2020, 40, 249-253.	1.0	3
18	Organ doses from CT localizer radiographs: Development, validation, and application of a Monte Carlo estimation technique. <i>Medical Physics</i> , 2019, 46, 5262-5272.	1.6	11

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19	Expanding the Concept of Diagnostic Reference Levels to Noise and Dose Reference Levels in CT. <i>American Journal of Roentgenology</i> , 2019, 213, 889-894.	1.0	34
20	Selective Inhibitors of T Cell Receptor Recognition of Antigen-MHC Complexes for Rheumatoid Arthritis. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 644-649.	1.3	10
21	Low reliability of anti-KIR4.183-120 peptide auto-antibodies in multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2018, 24, 910-918.	1.4	5
22	Image noise and dose performance across a clinical population: Patient size adaptation as a metric of CT performance. <i>Medical Physics</i> , 2017, 44, 2141-2147.	1.6	19
23	Impact of pe_pgrs33 Gene Polymorphisms on Mycobacterium tuberculosis Infection and Pathogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 137.	1.8	18
24	Synthetic Preimplantation Factor (PIF) prevents fetal loss by modulating LPS induced inflammatory response. <i>PLoS ONE</i> , 2017, 12, e0180642.	1.1	21
25	PIF* promotes brain re-myelination locally while regulating systemic inflammation- clinically relevant multiple sclerosis <i>M.smegmatis</i> model. <i>Oncotarget</i> , 2017, 8, 21834-21851.	0.8	17
26	Toll-Like Receptor 2 Mediates In Vivo Pro- and Anti-inflammatory Effects of Mycobacterium Tuberculosis and Modulates Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2016, 7, 191.	2.2	20
27	Is Citrullination Required for the Presence of Restricted Clonotypes Reacting With Type II Collagen? Comment on the Article by Chemin et al. <i>Arthritis and Rheumatology</i> , 2016, 68, 2052-2053.	2.9	3
28	PE_PGRS33 Contributes to Mycobacterium tuberculosis Entry in Macrophages through Interaction with TLR2. <i>PLoS ONE</i> , 2016, 11, e0150800.	1.1	62
29	Collagen Specific T-Cell Repertoire and HLA-DR Alleles: Biomarkers of Active Refractory Rheumatoid Arthritis. <i>EBioMedicine</i> , 2015, 2, 2037-2045.	2.7	36
30	Human IgG Antinuclear Antibodies Induce Pregnancy Loss in Mice by Increasing Immune Complex Deposition in Placental Tissue: <i>In Vivo</i> Study. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 542-552.	1.2	29
31	Antitumor immunization of mothers delays tumor development in cancer-prone offspring. <i>OncImmunology</i> , 2015, 4, e1005500.	2.1	12
32	Immunomodulation by Gut Microbiota: Role of Toll-Like Receptor Expressed by T Cells. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8.	0.9	55
33	T cell repertoire in DQ5-positive MuSK-positive myasthenia gravis patients. <i>Journal of Autoimmunity</i> , 2014, 52, 113-121.	3.0	24
34	<i>Porphyromonas gingivalis</i> and the pathogenesis of rheumatoid arthritis: analysis of various compartments including the synovial tissue. <i>Arthritis Research and Therapy</i> , 2013, 15, R66.	1.6	55
35	Functional dissection of protein domains involved in the immunomodulatory properties of PE_PGRS33 of <i>Mycobacterium tuberculosis</i> . <i>Pathogens and Disease</i> , 2013, 69, 232-239.	0.8	39
36	M tuberculosis in the Adjuvant Modulates Time of Appearance of CNS-Specific Effector T Cells in the Spleen through a Polymorphic Site of TLR2. <i>PLoS ONE</i> , 2013, 8, e55819.	1.1	12

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37	Intracellular bacteria can cause EAE in SJL mice or modify self-specific T cell repertoire. <i>Journal of the Neurological Sciences</i> , 2011, 311, 103-106.	0.3	1
38	PPE_MPTR genes are differentially expressed by <i>Mycobacterium tuberculosis</i> in vivo. <i>Tuberculosis</i> , 2011, 91, 563-568.	0.8	14
39	Antinuclear Autoantibodies in Women with Recurrent Pregnancy Loss. <i>American Journal of Reproductive Immunology</i> , 2010, 64, 384-392.	1.2	64
40	ErbB2 DNA Vaccine Combined with Regulatory T Cell Deletion Enhances Antibody Response and Reveals Latent Low-Avidity T Cells: Potential and Limits of Its Therapeutic Efficacy. <i>Journal of Immunology</i> , 2010, 184, 6124-6132.	0.4	27
41	<i>Mycobacterium smegmatis</i> Expressing a Chimeric Protein MPT64-Proteolipid Protein (PLP) 139-151 Reorganizes the PLP-Specific T Cell Repertoire Favoring a CD8-Mediated Response and Induces a Relapsing Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2010, 184, 222-235.	0.4	26
42	Surface Expression of MPT64 as a Fusion with the PE Domain of PE_PGRS33 Enhances <i>Mycobacterium bovis</i> BCG Protective Activity against <i>Mycobacterium tuberculosis</i> in Mice. <i>Infection and Immunity</i> , 2010, 78, 5202-5213.	1.0	46
43	Modeling the Ternary Complex TCR-V $\beta$ 2/CollagenII(261-273)/HLA-DR4 Associated with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2010, 5, e11550.	1.1	32
44	Collagen-specific T-cell repertoire in blood and synovial fluid varies with disease activity in early rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2008, 10, R135.	1.6	39
45	Administration of PLP139-151 Primes T Cells Distinct from Those Spontaneously Responsive In Vitro to This Antigen. <i>Journal of Immunology</i> , 2008, 180, 6611-6622.	0.4	19
46	Suppression of established experimental autoimmune encephalomyelitis and formation of meningeal lymphoid follicles by lymphotoxin $\beta$ 2 receptor-Ig fusion protein. <i>Journal of Neuroimmunology</i> , 2006, 179, 76-86.	1.1	68
47	<i>Mycobacterium tuberculosis</i> in the adjuvant modulates the balance of Th immune response to self-antigen of the CNS without influencing a core repertoire of specific T cells. <i>International Immunology</i> , 2006, 18, 363-374.	1.8	23
48	Distinct and Non-Overlapping T Cell Receptor Repertoires Expanded by DNA Vaccination in Wild-Type and HER-2 Transgenic BALB/c Mice. <i>Journal of Immunology</i> , 2006, 177, 7626-7633.	0.4	71
49	Selection of Similar Naive T Cell Repertoires but Induction of Distinct T Cell Responses by Native and Modified Antigen. <i>Journal of Immunology</i> , 2004, 172, 3447-3453.	0.4	21
50	Regulation of T-cell responses by CNS antigen-presenting cells: different roles for microglia and astrocytes. <i>Trends in Immunology</i> , 2000, 21, 141-147.	7.5	373
51	Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 cell restimulation. <i>European Journal of Immunology</i> , 1999, 29, 2705-2714.	1.6	115
52	Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 cell restimulation. , 1999, 29, 2705.		4
53	Th1 cells induce and Th2 inhibit antigen-dependent IL-12 secretion by dendritic cells. <i>European Journal of Immunology</i> , 1998, 28, 2003-2016.	1.6	75
54	Normal B cells fail to secrete interleukin-12. <i>European Journal of Immunology</i> , 1997, 27, 1632-1639.	1.6	50

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55	Failure of Presented, Non-Dominant Self Epitope to Induce Tolerance: Implications for Autoimmune Diseases. Immunological Investigations, 1994, 23, 337-346.	1.0	2
56	Cord Blood Mononuclear Cell Responsiveness to Beta-Lactoglobulin: T-Cell Activity in "Atopy-Prone"™ and "Non-Atopy-Prone"™ Newborns. International Archives of Allergy and Immunology, 1994, 104, 358-365.	0.9	72
57	Dose coefficients for organ dosimetry in tomosynthesis imaging of adults and pediatrics across diverse protocols. Medical Physics, 0, , .	1.6	2
58	Restricted T-Cell Repertoire in the Epicardial Adipose Tissue of Non-ST Segment Elevation Myocardial Infarction Patients. Frontiers in Immunology, 0, 13, .	2.2	4