

# Francesco Ria

## List of Publications by Year in descending order

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77  
papers

2,043  
citations

279798

23  
h-index

254184

43  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2698  
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.	4.1	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.	3.4	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.	2.6	14
4	Comparing two different noise magnitude estimation methods in CT using virtual imaging trials. , 2022, , .		0
5	Alternative splicing of neurexins 1&acirc3 is modulated by neuroinflammation in the prefrontal cortex of a murine model of multiple sclerosis. <i>Experimental Neurology</i> , 2021, 335, 113497.	4.1	19
6	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.	1.9	0
7	Comparison of 12 surrogates to characterize CT radiation risk across a clinical population. <i>European Radiology</i> , 2021, 31, 7022-7030.	4.5	16
8	Estimation of in vivo noise in clinical CT images: comparison and validation of three different methods against ensemble noise gold-standard. , 2021, , .		0
9	Classification of COVID-19 in chest radiographs: assessing the impact of imaging parameters using clinical and simulated images. , 2021, , .		1
10	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.	2.2	15
11	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.	0.8	0
12	<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.	2.6	15
13	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.	6.1	20
14	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, .	6.0	13
15	Deep learning classification of COVID-19 in chest radiographs: performance and influence of supplemental training. <i>Journal of Medical Imaging</i> , 2021, 8, 064501.	1.5	1
16	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.	4.1	14
17	Serum S100B protein as a marker of severity in Covid-19 patients. <i>Scientific Reports</i> , 2020, 10, 18665.	3.3	68
18	Is regulatory compliance enough to ensure excellence in medicine?. <i>Radiologia Medica</i> , 2020, 125, 904-905.	7.7	12

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19	The S100B Inhibitor Pentamidine Ameliorates Clinical Score and Neuropathology of Relapsingâ€”Remitting Multiple Sclerosis Mouse Model. <i>Cells</i> , 2020, 9, 748.	4.1	26
20	A database of 40 patientâ€”based computational models for benchmarking organ dose estimates in CT. <i>Medical Physics</i> , 2020, 47, 6562-6566.	3.0	5
21	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.	3.0	12
22	A comparison of COVID-19 and imaging radiation risk in clinical patient populations. <i>Journal of Radiological Protection</i> , 2020, , .	1.1	5
23	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.	0.5	3
24	CT Practice Monitoring. , 2020, , 199-220.		0
25	Patient-informed modelling of hepatic contrast dynamics in contrast-enhanced CT imaging. , 2020, , .		0
26	Modeling Patient-Informed Liver Contrast Perfusion in Contrast-enhanced Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 882-886.	0.9	1
27	Validation of algorithmic CT image quality metrics with preferences of radiologists. <i>Medical Physics</i> , 2019, 46, 4837-4846.	3.0	18
28	Organ doses from CT localizer radiographs: Development, validation, and application of a Monte Carlo estimation technique. <i>Medical Physics</i> , 2019, 46, 5262-5272.	3.0	11
29	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.	2.2	34
30	House dust mite allergy in Italyâ€”Diagnostic and clinical relevance of Der p 23 (and of minor) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 <i>Immunology</i> , 2019, 74, 1787-1789.	5.7	40
31	Selective Inhibitors of T Cell Receptor Recognition of Antigenâ€”MHC Complexes for Rheumatoid Arthritis. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 644-649.	2.8	10
32	Low reliability of anti-KIR4.183â€”120 peptide auto-antibodies in multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2018, 24, 910-918.	3.0	5
33	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.	3.0	19
34	Awareness of medical radiation exposure among patients: A patient survey as a first step for effective communication of ionizing radiation risks. <i>Physica Medica</i> , 2017, 43, 57-62.	0.7	26
35	Impact of pe_pgrs33 Gene Polymorphisms on Mycobacterium tuberculosis Infection and Pathogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 137.	3.9	18
36	Synthetic Preimplantation Factor (PIF) prevents fetal loss by modulating LPS induced inflammatory response. <i>PLoS ONE</i> , 2017, 12, e0180642.	2.5	21

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37	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.	1.8	17
38	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.	4.8	20
39	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.	5.6	3
40	PE_PGRS33 Contributes to Mycobacterium tuberculosis Entry in Macrophages through Interaction with TLR2. <i>PLoS ONE</i> , 2016, 11, e0150800.	2.5	62
41	Collagen Specific T-Cell Repertoire and HLA-DR Alleles: Biomarkers of Active Refractory Rheumatoid Arthritis. <i>EBioMedicine</i> , 2015, 2, 2037-2045.	6.1	36
42	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
43	Antitumor immunization of mothers delays tumor development in cancer-prone offspring. <i>Oncolmmunology</i> , 2015, 4, e1005500.	4.6	12
44	Immunomodulation by Gut Microbiota: Role of Toll-Like Receptor Expressed by T Cells. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8.	2.2	55
45	T cell repertoire in DQ5-positive MuSK-positive myasthenia gravis patients. <i>Journal of Autoimmunity</i> , 2014, 52, 113-121.	6.5	24
46	Risk Assessment and Economic Impact Analysis of the Implementation of New European Legislation on Radiopharmaceuticals in Italy: The Case of the New Monograph Chapter Compounding of Radiopharmaceuticals (PHARMEUROPA, Vol. 23, No. 4, October 2011). <i>Current Radiopharmaceuticals</i> , 2014, 6, 208-214.	0.8	1
47	Interleukin and neurotrophin up-regulation correlates with severity of H1N1 infection in children: a caseâ€control study. <i>International Journal of Infectious Diseases</i> , 2013, 17, e1186-e1193.	3.3	17
48	Porphyromonas gingivalis and the pathogenesis of rheumatoid arthritis: analysis of various compartments including the synovial tissue. <i>Arthritis Research and Therapy</i> , 2013, 15, R66.	3.5	55
49	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.	2.0	39
50	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.	2.5	12
51	Modeling rejection immunity. <i>Theoretical Biology and Medical Modelling</i> , 2012, 9, 18.	2.1	2
52	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.	0.6	1
53	PPE_MPTR genes are differentially expressed by Mycobacterium tuberculosis inÂvivo. <i>Tuberculosis</i> , 2011, 91, 563-568.	1.9	14
54	CD8 <sup>+</sup> dendritic cells prime TCR <sup>+</sup> peptide <sup>+</sup> reactive regulatory CD4 <sup>+</sup> FOXP3 <sup>+</sup> T cells. <i>European Journal of Immunology</i> , 2010, 40, 1906-1915.	2.9	6

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55	Antinuclear Autoantibodies in Women with Recurrent Pregnancy Loss. American Journal of Reproductive Immunology, 2010, 64, 384-392.	1.2	64
56	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. Journal of Immunology, 2010, 184, 6124-6132.	0.8	27
57	<i>Mycobacterium smegmatis</i> Expressing a Chimeric Protein MPT64-Proteolipid Protein (PLP) 139â€“151 Reorganizes the PLP-Specific T Cell Repertoire Favoring a CD8-Mediated Response and Induces a Relapsing Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2010, 184, 222-235.	0.8	26
58	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. Infection and Immunity, 2010, 78, 5202-5213.	2.2	46
59	Modeling the Ternary Complex TCR-VÎ²2/CollagenII(261â€“273)/HLA-DR4 Associated with Rheumatoid Arthritis. PLoS ONE, 2010, 5, e11550.	2.5	32
60	Collagen-specific T-cell repertoire in blood and synovial fluid varies with disease activity in early rheumatoid arthritis. Arthritis Research and Therapy, 2008, 10, R135.	3.5	39
61	Administration of PLP139â€“151 Primes T Cells Distinct from Those Spontaneously Responsive In Vitro to This Antigen. Journal of Immunology, 2008, 180, 6611-6622.	0.8	19
62	Suppression of established experimental autoimmune encephalomyelitis and formation of meningeal lymphoid follicles by lymphotoxin Î² receptor-Ig fusion protein. Journal of Neuroimmunology, 2006, 179, 76-86.	2.3	68
63	Mycobacterium tuberculosis in the adjuvant modulates the balance of Th immune response to self-antigen of the CNS without influencing a â€œcoreâ€“repertoire of specific T cells. International Immunology, 2006, 18, 363-374.	4.0	23
64	Distinct and Non-Overlapping T Cell Receptor Repertoires Expanded by DNA Vaccination in Wild-Type and HER-2 Transgenic BALB/c Mice. Journal of Immunology, 2006, 177, 7626-7633.	0.8	71
65	Selection of Similar Naive T Cell Repertoires but Induction of Distinct T Cell Responses by Native and Modified Antigen. Journal of Immunology, 2004, 172, 3447-3453.	0.8	21
66	Regulation of T-cell responses by CNS antigen-presenting cells: different roles for microglia and astrocytes. Trends in Immunology, 2000, 21, 141-147.	7.5	373
67	Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 cell restimulation. European Journal of Immunology, 1999, 29, 2705-2714.	2.9	115
68	A Plasmid Family Containing Two Different Expression Cassettes Suitable for Immunomodulation and Genetic Immunization. Plasmid, 1998, 40, 84-89.	1.4	6
69	Th1 cells induce and Th2 inhibit antigen-dependent IL-12 secretion by dendritic cells. European Journal of Immunology, 1998, 28, 2003-2016.	2.9	75
70	B Cells Present Antigen to CD4+T Cells, but Fail to Produce IL-12 Selective APC for Th2 Cell Development?. Annals of the New York Academy of Sciences, 1997, 815, 401-411.	3.8	21
71	Normal B cells fail to secrete interleukin-12. European Journal of Immunology, 1997, 27, 1632-1639.	2.9	50
72	Antigen Presentation and IL-12 Production by Dendritic Cells in Vivo. Advances in Experimental Medicine and Biology, 1997, 417, 317-321.	1.6	1

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73	Failure of Presented, Non-Dominant Self Epitope to Induce Tolerance: Implications for Autoimmune Diseases. Immunological Investigations, 1994, 23, 337-346.	2.0	2
74	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.	2.1	72
75	Chromatographic and electrophoretic studies of immune complexes in non-A, non-B hepatitis. Biomedical Applications, 1988, 426, 55-64.	1.7	1
76	Size-exclusion high-performance liquid chromatography of immune complexes isolated for patients with acute leukaemia. Biomedical Applications, 1987, 421, 434-436.	1.7	1
77	Dose coefficients for organ dosimetry in tomosynthesis imaging of adults and pediatrics across diverse protocols. Medical Physics, 0, , .	3.0	2