

Raina N Fichorova

List of Publications by Year in descending order

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93
papers

4,664
citations

126901
33
h-index

106340
65
g-index

95
all docs

95
docs citations

95
times ranked

5724
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrent bacterial vaginosis following metronidazole treatment is associated with microbiota richness at diagnosis. American Journal of Obstetrics and Gynecology, 2022, 226, 225.e1-225.e15.	1.3	20
2	Systemic Inflammation in the First 2ÂWeeks after Birth as a Determinant of Physical Growth Outcomes in Hospitalized Infants with Extremely Low Gestational Age. Journal of Pediatrics, 2022, 240, 37-43.e1.	1.8	6
3	Brain-derived neurotrophic factor and mood in perimenopausal depression. Journal of Affective Disorders, 2022, 300, 145-149.	4.1	2
4	Results of a phase 1, randomized, placebo-controlled first-in-human trial of griffithsin formulated in a carrageenan vaginal gel. PLoS ONE, 2022, 17, e0261775.	2.5	19
5	MlxS-SA: a MlxS extension defining the minimum information standard for sequence data from symbiont-associated micro-organisms. ISME Communications, 2022, 2, .	4.2	3
6	Changes in bone turnover markers (BTM) and association with outcomes in patients with metastatic hormone-sensitive prostate cancer (mHSPC) treated with androgen deprivation therapy (ADT) +/- docetaxel (D) in CHAARTED (ECOG-ACRIN E3805).. Journal of Clinical Oncology, 2022, 40, 145-145.	1.6	0
7	Ovarian Cancer Ascites Inhibits Transcriptional Activation of NK Cells Partly through CA125. Journal of Immunology, 2022, 208, 2227-2238.	0.8	6
8	C-reactive protein and affective inhibition in bipolar disorder. Journal of Affective Disorders, 2022, 306, 39-46.	4.1	1
9	Intestinal Inflammation is Significantly Associated With Length Faltering in Preterm Infants at Neonatal Intensive Care Unit Discharge. Journal of Pediatric Gastroenterology and Nutrition, 2022, 74, 837-844.	1.8	0
10	A Prebiotic Hydrogel to Prevent Cervical Cancer by Optimizing the Vaginal Ecology and Reducing Oncogenic Biological Risk Factors in Women Across Global Health Care Access. JCO Global Oncology, 2022, 8, 38-38.	1.8	0
11	Cord Blood Inflammation and Birth Size in the Bangladesh Projahnmo Pregnancy Cohort. Current Developments in Nutrition, 2022, 6, 555.	0.3	0
12	The impact of maternal obesity and breast milk inflammation on developmental programming of infant growth. European Journal of Clinical Nutrition, 2021, 75, 180-188.	2.9	31
13	Racial/ethnic differences in average CA125 and CA15.3 values and its correlates among postmenopausal women in the USA. Cancer Causes and Control, 2021, 32, 299-309.	1.8	4
14	Epidemiologic and biologic correlates of serum HE4 and CA125 in women from the National Health and Nutritional Survey (NHANES). Gynecologic Oncology, 2021, 161, 282-290.	1.4	3
15	Response to messaging and methodological considerations when researching breastfeeding and obesity. European Journal of Clinical Nutrition, 2021, 75, 1526-1527.	2.9	0
16	Protozoan-Viral-Bacterial Co-Infections Alter Galectin Levels and Associated Immunity Mediators in the Female Genital Tract. Frontiers in Cellular and Infection Microbiology, 2021, 11, 649940.	3.9	10
17	Parenteral Fish-Oil Containing Lipid Emulsions Limit Initial Lipopolysaccharide-Induced Host Immune Responses in Preterm Pigs. Nutrients, 2021, 13, 205.	4.1	5
18	Maternal Diet, Infection, and Risk of Cord Blood Inflammation in the Bangladesh Projahnmo Pregnancy Cohort. Nutrients, 2021, 13, 3792.	4.1	3

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19	Aberrant cervical innate immunity predicts onset of dysbiosis and sexually transmitted infections in women of reproductive age. PLoS ONE, 2020, 15, e0224359.	2.5	20
20	The Role of Small Extracellular Vesicles in Viral-Protozoan Symbiosis: Lessons From Trichomonasvirus in an Isogenic Host Parasite Model. Frontiers in Cellular and Infection Microbiology, 2020, 10, 591172.	3.9	18
21	Impact of baseline serum IL-8 on metastatic hormone-sensitive prostate cancer outcomes in the Phase 3 CHAARTED trial (E3805). Prostate, 2020, 80, 1429-1437.	2.3	11
22	Concomitant Imbalances of Systemic and Mucosal Immunity Increase HIV Acquisition Risk. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 84, 85-91.	2.1	7
23	Impact of baseline serum IL-8 on metastatic hormone-sensitive (mHSPC) prostate cancer outcomes in the phase III CHAARTED trial (E3805).. Journal of Clinical Oncology, 2020, 38, 171-171.	1.6	1
24	Parasite-microbe-host interactions and cancer risk. PLoS Pathogens, 2019, 15, e1007912.	4.7	20
25	Placental CpG Methylation of Inflammation, Angiogenic, and Neurotrophic Genes and Retinopathy of Prematurity. , 2019, 60, 2888.		20
26	Parasite microbiome project: Grand challenges. PLoS Pathogens, 2019, 15, e1008028.	4.7	50
27	A phase I randomized safety study of a single-size silicone rubber diaphragm used with or without a lactic-acid-containing diaphragm gel. Contraception, 2019, 100, 430-437.	1.5	1
28	Early Postnatal IGF-1 and IGFBP-1 Blood Levels in Extremely Preterm Infants: Relationships with Indicators of Placental Insufficiency and with Systemic Inflammation. American Journal of Perinatology, 2019, 36, 1442-1452.	1.4	16
29	The Current Evidence on the Association Between the Urinary Microbiome and Urinary Incontinence in Women. Frontiers in Cellular and Infection Microbiology, 2019, 9, 133.	3.9	57
30	Association of Circulating Proinflammatory and Anti-inflammatory Protein Biomarkers in Extremely Preterm Born Children with Subsequent Brain Magnetic Resonance Imaging Volumes and Cognitive Function at Age 10 Years. Journal of Pediatrics, 2019, 210, 81-90.e3.	1.8	17
31	4.4 THE INFLAMMATORY CASCADE AND COGNITIVE OUTCOME IN A TRANSDIAGNOSTIC COHORT. Schizophrenia Bulletin, 2019, 45, S92-S93.	4.3	1
32	Predicting Circulating CA125 Levels among Healthy Premenopausal Women. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1076-1085.	2.5	9
33	Development and validation of circulating CA125 prediction models in postmenopausal women. Journal of Ovarian Research, 2019, 12, 116.	3.0	12
34	Elevated Serum Cytokines and Trichomonas vaginalis Serology at Diagnosis Are Not Associated With Higher Gleason Grade or Lethal Prostate Cancer. Clinical Genitourinary Cancer, 2019, 17, 32-37.	1.9	4
35	Exposure to non-persistent chemicals in consumer products and fecundability: a systematic review. Human Reproduction Update, 2019, 25, 51-71.	10.8	63
36	Anti-CA15.3 and Anti-CA125 Antibodies and Ovarian Cancer Risk: Results from the EPIC Cohort. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 790-804.	2.5	6

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37	Myocardial injury in fetal aortic stenosis: Insights from amniotic fluid analysis. <i>Prenatal Diagnosis</i> , 2018, 38, 190-195.	2.3	5
38	Stress, anxiety, and depression of both partners in infertile couples are associated with cytokine levels and adverse <sc>IVF</sc> outcome. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12832.	1.2	60
39	Ovarian cancer early detection by circulating <sc>CA</sc>125 in the context of anti-CA125 autoantibody levels: Results from the <sc>EPIC</sc> cohort. <i>International Journal of Cancer</i> , 2018, 142, 1355-1360.	5.1	24
40	A Longitudinal Assessment of Cervical Inflammation and Immunity Associated with HIV-1 Infection, Hormonal Contraception, and Pregnancy. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 889-899.	1.1	15
41	Among Children Born Extremely Preterm a Higher Level of Circulating Neurotrophins Is Associated with Lower Risk of Cognitive Impairment at School Age. <i>Journal of Pediatrics</i> , 2018, 201, 40-48.e4.	1.8	13
42	Antecedents and early correlates of high and low concentrations of angiogenic proteins in extremely preterm newborns. <i>Clinica Chimica Acta</i> , 2017, 471, 1-5.	1.1	15
43	Correlates of circulating ovarian cancer early detection markers and their contribution to discrimination of early detection models: results from the EPIC cohort. <i>Journal of Ovarian Research</i> , 2017, 10, 20.	3.0	22
44	High Levels of Inflammatory Cytokines in the Reproductive Tract of Women with BV and Engaging in Intravaginal Douching: A Cross-Sectional Study of Participants in the Women Interagency HIV Study. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 309-317.	1.1	46
45	<i>Trichomonas vaginalis</i> infection in symbiosis with <i>Trichomonasvirus</i> and <i>Mycoplasma</i> . <i>Research in Microbiology</i> , 2017, 168, 882-891.	2.1	71
46	Postnatal systemic inflammation and neuro-ophthalmologic dysfunctions in extremely low gestational age children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 454-457.	1.5	2
47	Circulating Inflammatory-Associated Proteins in the First Month of Life and Cognitive Impairment at Age 10 Years in Children Born Extremely Preterm. <i>Journal of Pediatrics</i> , 2017, 180, 116-123.e1.	1.8	68
48	Systemic Inflammation-Associated Proteins and Retinopathy of Prematurity in Infants Born Before the 28th Week of Gestation. , 2017, 58, 6419.		62
49	TLR7/8 adjuvant overcomes newborn hyporesponsiveness to pneumococcal conjugate vaccine at birth. <i>JCI Insight</i> , 2017, 2, e91020.	5.0	83
50	Effects of Female Sex Hormones on Susceptibility to HSV-2 in Vaginal Cells Grown in Air-Liquid Interface. <i>Viruses</i> , 2016, 8, 241.	3.3	27
51	Impact of Microbiota on Resistance to Ocular <i>Pseudomonas aeruginosa</i> -Induced Keratitis. <i>PLoS Pathogens</i> , 2016, 12, e1005855.	4.7	102
52	Novel structural features of the immunocompetent ceramide phospho-inositol glycan core from <i>Trichomonas vaginalis</i> . <i>Carbohydrate Research</i> , 2016, 419, 51-59.	2.3	6
53	Serum vitamin D status and bacterial vaginosis prevalence and incidence in Zimbabwean women. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 332.e1-332.e10.	1.3	13
54	A Prospective Evaluation of Early Detection Biomarkers for Ovarian Cancer in the European EPIC Cohort. <i>Clinical Cancer Research</i> , 2016, 22, 4664-4675.	7.0	80

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55	Antenatal glucocorticoids and neonatal inflammation-associated proteins. <i>Cytokine</i> , 2016, 88, 199-208.	3.2	11
56	<i>Trichomonas vaginalis</i> Lipophosphoglycan Exploits Binding to Galectin-1 and -3 to Modulate Epithelial Immunity. <i>Journal of Biological Chemistry</i> , 2016, 291, 998-1013.	3.4	45
57	Antecedents of inflammation biomarkers in preterm newborns on days 21 and 28. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 274-280.	1.5	14
58	Duration of Systemic Inflammation in the First Postnatal Month Among Infants Born Before the 28th Week of Gestation. <i>Inflammation</i> , 2016, 39, 672-677.	3.8	33
59	Systemic inflammation on postnatal days 21 and 28 and indicators of brain dysfunction 2 years later among children born before the 28th week of gestation. <i>Early Human Development</i> , 2016, 93, 25-32.	1.8	58
60	Biomarkers of Cervical Inflammation and Immunity Associated with Cervical Shedding of HIV-1. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 443-451.	1.1	16
61	The Human Microbiome during Bacterial Vaginosis. <i>Clinical Microbiology Reviews</i> , 2016, 29, 223-238.	13.6	460
62	Cervicovaginal Bacteria Are a Major Modulator of Host Inflammatory Responses in the Female Genital Tract. <i>Immunity</i> , 2015, 42, 965-976.	14.3	554
63	Multitarget, quantitative nanoplasmonic electrical field-enhanced resonating device (NE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 States of America, 2015, 112, E4354-63.	7.1	56
64	Deferoxamine, Cerebrovascular Hemodynamics, and Vascular Aging. <i>Stroke</i> , 2015, 46, 2576-2583.	2.0	21
65	Cross-Sectional Analysis of Selected Genital Tract Immunological Markers and Molecular Vaginal Microbiota in Sub-Saharan African Women, with Relevance to HIV Risk and Prevention. <i>Vaccine Journal</i> , 2015, 22, 526-538.	3.1	72
66	The Contribution of Cervicovaginal Infections to the Immunomodulatory Effects of Hormonal Contraception. <i>MBio</i> , 2015, 6, e00221-15.	4.1	60
67	Bacterial Vaginosis and Subclinical Markers of Genital Tract Inflammation and Mucosal Immunity. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 1139-1152.	1.1	93
68	The Breadth and Type of Systemic Inflammation and the Risk of Adverse Neurological Outcomes in Extremely Low Gestation Newborns. <i>Pediatric Neurology</i> , 2015, 52, 42-48.	2.1	82
69	Gene Expression Profiling of Human Vaginal Cells In Vitro Discriminates Compounds with Pro-Inflammatory and Mucosa-Altering Properties: Novel Biomarkers for Preclinical Testing of HIV Microbicide Candidates. <i>PLoS ONE</i> , 2015, 10, e0128557.	2.5	17
70	Elevated blood levels of inflammation-related proteins are associated with an attention problem at age 24 mo in extremely preterm infants. <i>Pediatric Research</i> , 2014, 75, 781-787.	2.3	105
71	Genital Tract Immunological Markers in Sub-Saharan African Women with Relevance to HIV Risk and Prevention. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A233-A233.	1.1	2
72	Systemic Inflammation and Cerebral Palsy Risk in Extremely Preterm Infants. <i>Journal of Child Neurology</i> , 2014, 29, 1692-1698.	1.4	75

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73	The vaginal microbiota and susceptibility to HIV. <i>Aids</i> , 2014, 28, 2333-2344.	2.2	88
74	Effect of Bacterial Vaginosis on Markers of Genital Tract Inflammation and Mucosal Immunity: Mechanisms for Susceptibility to HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A30-A30.	1.1	0
75	A blinded, randomized controlled trial of high-dose vitamin D supplementation to reduce recurrence of bacterial vaginosis. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 479.e1-479.e13.	1.3	25
76	Complement Activation and Kidney Injury Molecule-1 Associated Proximal Tubule Injury in Severe Preeclampsia. <i>Hypertension</i> , 2014, 64, 833-838.	2.7	28
77	Urinary Intestinal Fatty Acid Binding Protein Predicts Necrotizing Enterocolitis. <i>Journal of Pediatrics</i> , 2014, 164, 1486-1488.	1.8	35
78	Endogenous erythropoietin varies significantly with inflammation-related proteins in extremely premature newborns. <i>Cytokine</i> , 2014, 69, 22-28.	3.2	18
79	Cervical Inflammation and Immunity Associated With Hormonal Contraception, Pregnancy, and HIV-1 Seroconversion. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 66, 109-117.	2.1	92
80	The Villain Team-Up or how <i>Trichomonas vaginalis</i> and bacterial vaginosis alter innate immunity in concert. <i>Sexually Transmitted Infections</i> , 2013, 89, 460-466.	1.9	92
81	Endobiont Viruses Sensed by the Human Host – Beyond Conventional Antiparasitic Therapy. <i>PLoS ONE</i> , 2012, 7, e48418.	2.5	117
82	Use of elevated baseline IL-8, CCL-2, and TNF α to predict for shorter overall survival (OS) in men with metastatic prostate cancer initiating androgen-deprivation therapy (ADT).. <i>Journal of Clinical Oncology</i> , 2012, 30, 13-13.	1.6	0
83	Use of elevated insulin-like growth factor binding protein-1 (IGFBP-1) to predict outcomes in men with metastatic prostate cancer treated with androgen-deprivation therapy (ADT).. <i>Journal of Clinical Oncology</i> , 2012, 30, 191-191.	1.6	0
84	Baseline variation and associations between subject characteristics and five cytokine biomarkers of vaginal safety among healthy non-pregnant women in microbicide trials. <i>Cytokine</i> , 2011, 55, 134-140.	3.2	28
85	Novel Vaginal Microflora Colonization Model Providing New Insight into Microbicide Mechanism of Action. <i>MBio</i> , 2011, 2, e00168-11.	4.1	81
86	Impact of <i>T. vaginalis</i> infection on innate immune responses and reproductive outcome. <i>Journal of Reproductive Immunology</i> , 2009, 83, 185-189.	1.9	173
87	Biological and Technical Variables Affecting Immunoassay Recovery of Cytokines from Human Serum and Simulated Vaginal Fluid: A Multicenter Study. <i>Analytical Chemistry</i> , 2008, 80, 4741-4751.	6.5	161
88	Fourteen-day safety and acceptability study of 6% cellulose sulfate gel: a randomized double-blind Phase I safety study. <i>Contraception</i> , 2006, 74, 133-140.	1.5	84
89	<i>Trichomonas vaginalis</i> Lipophosphoglycan Triggers a Selective Upregulation of Cytokines by Human Female Reproductive Tract Epithelial Cells. <i>Infection and Immunity</i> , 2006, 74, 5773-5779.	2.2	133
90	Guiding the vaginal microbicide trials with biomarkers of inflammation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004, 37 Suppl 3, S184-93.	2.1	58

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91	Response to <i>Neisseria gonorrhoeae</i> by Cervicovaginal Epithelial Cells Occurs in the Absence of Toll-Like Receptor 4-Mediated Signaling. Journal of Immunology, 2002, 168, 2424-2432.	0.8	226
92	Generation of Papillomavirus-Immortalized Cell Lines from Normal Human Ectocervical, Endocervical, and Vaginal Epithelium that Maintain Expression of Tissue-Specific Differentiation Proteins1. Biology of Reproduction, 1997, 57, 847-855.	2.7	290
93	Microbicides: Molecular Strategies for Prevention of Sexually Transmitted Viral Disease. , 0, , 265-282.		0