

# Roberta Bulla

## List of Publications by Year in descending order

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76  
papers

3,688  
citations

147801

31  
h-index

138484

58  
g-index

81  
all docs

81  
docs citations

81  
times ranked

4624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrombus formation induced by antibodies to Î²2-glycoprotein I is complement dependent and requires a priming factor. <i>Blood</i> , 2005, 106, 2340-2346.	1.4	324
2	C1q acts in the tumour microenvironment as a cancer-promoting factor independently of complement activation. <i>Nature Communications</i> , 2016, 7, 10346.	12.8	224
3	Recruitment of circulating NK cells through decidual tissues: a possible mechanism controlling NK cell accumulation in the uterus during early pregnancy. <i>Blood</i> , 2008, 111, 3108-3115.	1.4	222
4	Protection against inflammation- and autoantibody-caused fetal loss by the chemokine decoy receptor D6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2319-2324.	7.1	171
5	The complement system in the pathophysiology of pregnancy. <i>Molecular Immunology</i> , 2006, 43, 68-77.	2.2	156
6	C1q as a unique player in angiogenesis with therapeutic implication in wound healing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4209-4214.	7.1	140
7	Mutant p53 Reprograms TNF Signaling in Cancer Cells through Interaction with the Tumor Suppressor DAB2IP. <i>Molecular Cell</i> , 2014, 56, 617-629.	9.7	136
8	An Alternative Role of C1q in Cell Migration and Tissue Remodeling: Contribution to Trophoblast Invasion and Placental Development. <i>Journal of Immunology</i> , 2010, 185, 4420-4429.	0.8	135
9	A non-“complement-fixing antibody to Î²2 glycoprotein I as a novel therapy for antiphospholipid syndrome. <i>Blood</i> , 2014, 123, 3478-3487.	1.4	120
10	In vivo distribution of Î²2 glycoprotein I under various pathophysiologic conditions. <i>Blood</i> , 2011, 118, 4231-4238.	1.4	113
11	Uterine Immunity and Microbiota: A Shifting Paradigm. <i>Frontiers in Immunology</i> , 2019, 10, 2387.	4.8	108
12	Controlling complement resistance in cancer by using human monoclonal antibodies that neutralize complement-regulatory proteins CD55 and CD59. <i>European Journal of Immunology</i> , 2005, 35, 2175-2183.	2.9	92
13	Platelet-Activating Factor and Kinin-Dependent Vascular Leakage as a Novel Functional Activity of the Soluble Terminal Complement Complex. <i>Journal of Immunology</i> , 2004, 173, 6921-6927.	0.8	85
14	Decidual endothelial cells express surface-bound C1q as a molecular bridge between endovascular trophoblast and decidual endothelium. <i>Molecular Immunology</i> , 2008, 45, 2629-2640.	2.2	82
15	VE-cadherin is a critical molecule for trophoblast-endothelial cell interaction in decidual spiral arteries. <i>Experimental Cell Research</i> , 2004, 303, 101-113.	2.6	75
16	Chemerin Regulates NK Cell Accumulation and Endothelial Cell Morphogenesis in the Decidua during Early Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3603-3612.	3.6	75
17	Cytolytically inactive terminal complement complex causes transendothelial migration of polymorphonuclear leukocytes in vitro and in vivo. <i>Blood</i> , 2002, 99, 185-192.	1.4	72
18	Complement activation in animal and human pregnancies as a model for immunological recognition. <i>Molecular Immunology</i> , 2011, 48, 1621-1630.	2.2	71

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19	HMGA1 promotes breast cancer angiogenesis supporting the stability, nuclear localization and transcriptional activity of FOXM1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 313.	8.6	67
20	Mannose binding lectin and C3 act as recognition molecules for infectious agents in the vagina. <i>Clinical and Experimental Immunology</i> , 2005, 139, 120-126.	2.6	63
21	Fluvastatin treatment inhibits leucocyte adhesion and extravasation in models of complement-mediated acute inflammation. <i>Clinical and Experimental Immunology</i> , 2004, 135, 186-193.	2.6	62
22	EMILIN1 represents a major stromal element determining human trophoblast invasion of the uterine wall. <i>Journal of Cell Science</i> , 2006, 119, 4574-4584.	2.0	62
23	Bacterial LPS Differently Modulates Inflammasome Gene Expression and IL-1 $\beta$ Secretion in Trophoblast Cells, Decidual Stromal Cells, and Decidual Endothelial Cells. <i>Reproductive Sciences</i> , 2013, 20, 563-566.	2.5	61
24	Complement production by trophoblast cells at the feto-maternal interface. <i>Journal of Reproductive Immunology</i> , 2009, 82, 119-125.	1.9	50
25	Prognostic Implications of the Complement Protein C1q in Gliomas. <i>Frontiers in Immunology</i> , 2019, 10, 2366.	4.8	50
26	C7 is expressed on endothelial cells as a trap for the assembling terminal complement complex and may exert anti-inflammatory function. <i>Blood</i> , 2009, 113, 3640-3648.	1.4	44
27	Complement Protein C1q Binds to Hyaluronic Acid in the Malignant Pleural Mesothelioma Microenvironment and Promotes Tumor Growth. <i>Frontiers in Immunology</i> , 2017, 8, 1559.	4.8	44
28	Immunological Basis of the Endometriosis: The Complement System as a Potential Therapeutic Target. <i>Frontiers in Immunology</i> , 2020, 11, 599117.	4.8	44
29	Is the Complement Protein C1q a Pro- or Anti-tumorigenic Factor? Bioinformatics Analysis Involving Human Carcinomas. <i>Frontiers in Immunology</i> , 2019, 10, 865.	4.8	43
30	The Complement System at the Embryo Implantation Site: Friend or Foe?. <i>Frontiers in Immunology</i> , 2012, 3, 55.	4.8	39
31	Mannose-binding lectin is produced by vaginal epithelial cells and its level in the vaginal fluid is influenced by progesterone. <i>Molecular Immunology</i> , 2010, 48, 281-286.	2.2	38
32	Cell-autonomous and cell non-autonomous downregulation of tumor suppressor DAB2IP by microRNA-149-3p promotes aggressiveness of cancer cells. <i>Cell Death and Differentiation</i> , 2018, 25, 1224-1238.	11.2	33
33	Soluble TRAIL is elevated in recurrent miscarriage and inhibits the in vitro adhesion and migration of HTR8 trophoblastic cells. <i>Human Reproduction</i> , 2012, 27, 2941-2947.	0.9	30
34	Critical Role and Therapeutic Control of the Lectin Pathway of Complement Activation in an Abortion-Prone Mouse Mating. <i>Journal of Immunology</i> , 2015, 195, 5602-5607.	0.8	30
35	Complement component C1q <sc>as</sc> potential diagnostic but not predictive marker of preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2016, 76, 475-481.	1.2	30
36	Alternative functions of the complement protein C1q at embryo implantation site. <i>Journal of Reproductive Immunology</i> , 2017, 119, 74-80.	1.9	29

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37	The Combination of N-Acetyl Cysteine, Alpha-Lipoic Acid, and Bromelain Shows High Anti-Inflammatory Properties in Novel <i>In Vivo</i> and <i>In Vitro</i> Models of Endometriosis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-9.	3.0	27
38	Early regulators in abortion and implications for a preeclampsia model. <i>Journal of Reproductive Immunology</i> , 2009, 82, 132-141.	1.9	26
39	Endothelial cells are a target of both complement and kinin system. <i>International Immunopharmacology</i> , 2008, 8, 143-147.	3.8	24
40	Immunomodulation mediated by a herbal syrup containing a standardized Echinacea root extract: A pilot study in healthy human subjects on cytokine gene expression. <i>Phytomedicine</i> , 2014, 21, 1406-1410.	5.3	24
41	Placental Trophoblast and Endothelial Cells as Target of Maternal Immune Response. <i>Autoimmunity</i> , 2003, 36, 11-18.	2.6	23
42	Feto-maternal immune interaction at the placental level. <i>Lupus</i> , 2004, 13, 625-629.	1.6	23
43	Pathological Significance and Prognostic Value of Surfactant Protein D in Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 1748.	4.8	23
44	The Complement System at the Fetomaternal Interface. , 2005, 89, 149-157.		19
45	MBL Interferes with Endovascular Trophoblast Invasion in Pre-Eclampsia. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-7.	3.3	19
46	COVID-19, Pre-Eclampsia, and Complement System. <i>Frontiers in Immunology</i> , 2021, 12, 775168.	4.8	19
47	Human eosinophil peroxidase enhances tumor necrosis factor and hydrogen peroxide release by human monocyte-derived macrophages. <i>European Journal of Immunology</i> , 1995, 25, 1366-1373.	2.9	17
48	Higher interleukin-18 and mannose-binding lectin are present in uterine lumen of patients with unexplained infertility. <i>Reproductive BioMedicine Online</i> , 2009, 19, 591-598.	2.4	16
49	Overview of procalcitonin in pregnancy and in pre-eclampsia. <i>Clinical and Experimental Immunology</i> , 2019, 198, 37-46.	2.6	16
50	An Overview of Different Techniques for Improving the Treatment of Pulmonary Hypertension Secondary in Systemic Sclerosis Patients. <i>Diagnostics</i> , 2022, 12, 616.	2.6	16
51	The First Trimester Gravid Serum Regulates Procalcitonin Expression in Human Macrophages Skewing Their Phenotype <i>In Vitro</i> . <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	3.0	14
52	RelB activation in anti-inflammatory decidual endothelial cells: a master plan to avoid pregnancy failure?. <i>Scientific Reports</i> , 2015, 5, 14847.	3.3	14
53	Combined extracts of <i>Echinacea angustifolia</i> DC. and <i>Zingiber officinale</i> Roscoe in softgel capsules: Pharmacokinetics and immunomodulatory effects assessed by gene expression profiling. <i>Phytomedicine</i> , 2019, 65, 153090.	5.3	12
54	Hyaluronic Acid Present in the Tumor Microenvironment Can Negate the Pro-apoptotic Effect of a Recombinant Fragment of Human Surfactant Protein D on Breast Cancer Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1171.	4.8	12

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55	Prognostic Value of Complement Properdin in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 614980.	4.8	10
56	Transcriptomics and Immunological Analyses Reveal a Pro-Angiogenic and Anti-Inflammatory Phenotype for Decidual Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1604.	4.1	9
57	The Extracellular Matrix Influences Ovarian Carcinoma Cells'™ Sensitivity to Cisplatinium: A First Step towards Personalized Medicine. <i>Cancers</i> , 2020, 12, 1175.	3.7	9
58	Differential Capability of Clinically Employed Dermal Regeneration Scaffolds to Support Vascularization for Tissue Bioengineering. <i>Biomedicines</i> , 2021, 9, 1458.	3.2	9
59	Terminal Complement Complex: Regulation of Formation and Pathophysiological Functions. , 2004, , 97-127.		8
60	Pre-eclampsia affects procalcitonin production in placental tissue. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12823.	1.2	8
61	Zinc Oxide Exerts Anti-Inflammatory Properties on Human Placental Cells. <i>Nutrients</i> , 2020, 12, 1822.	4.1	8
62	An insight into normal and pathological pregnancies using large-scale microarrays: lessons from microarrays. <i>Journal of Reproductive Immunology</i> , 2011, 89, 163-172.	1.9	7
63	Protective and regenerative effects of a novel medical device against esophageal mucosal damage using in vitro and ex vivo models. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110752.	5.6	6
64	Distinct Roles of Classical and Lectin Pathways of Complement in Preeclamptic Placentae. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	6
65	The Anti-Pseudomonal Peptide D-BMAP18 Is Active in Cystic Fibrosis Sputum and Displays Anti-Inflammatory In Vitro Activity. <i>Microorganisms</i> , 2020, 8, 1407.	3.6	5
66	Editorial: Odyssey of Surfactant Proteins SP-A and SP-D: Innate Immune Surveillance Molecules. <i>Frontiers in Immunology</i> , 2020, 11, 394.	4.8	5
67	The Inflammatory Feed-Forward Loop Triggered by the Complement Component C3 as a Potential Target in Endometriosis. <i>Frontiers in Immunology</i> , 2021, 12, 693118.	4.8	5
68	The Use of Quantitative Real Time Polymerase Chain Reaction to Quantify Some Rumen Bacterial Strains in an In Vitro Rumen System. <i>Italian Journal of Animal Science</i> , 2013, 12, e58.	1.9	4
69	C1q-HA Matrix Regulates the Local Synthesis of Hyaluronan in Malignant Pleural Mesothelioma by Modulating HAS3 Expression. <i>Cancers</i> , 2021, 13, 416.	3.7	4
70	Emerging Roles of the Complement System at Foeto-maternal Interface. <i>Advances in Neuroimmune Biology</i> , 2011, 2, 51-60.	0.7	1
71	Evaluation of the Interplay Between the Complement Protein C1q and Hyaluronic Acid in Promoting Cell Adhesion. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
72	At Embryo Implantation Site IL-35 Secreted by Trophoblast, Polarizing T Cells towards IL-35+ IL-10+ IL-4+ Th2-Type Cells, Could Favour Fetal Allograft Tolerance and Pregnancy Success. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4926.	4.1	1

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73	The complement system at the feto-maternal interface: friend or foe?. American Journal of Reproductive Immunology, 2002, 48, 142-143.	1.2	0
74	The seventh complement component is expressed on endothelial cells membrane and exerts an anti-inflammatory action. Molecular Immunology, 2007, 44, 3988-3989.	2.2	0
75	The mannose binding lectin pathway and early complement activation in (murine) abortion. Journal of Reproductive Immunology, 2010, 86, 98-99.	1.9	0
76	Surfactant Protein D in Immune Surveillance Against Cancer. , 2021, , 147-163.		0