

# Charles N Serhan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

557  
papers

71,066  
citations

147  
h-index

251  
g-index

586  
ext. papers

79,337  
ext. citations

8.8  
avg, IF

8.45  
L-index

#	Paper	IF	Citations
557	COVID-19 and cancer: start the resolution!. <i>Cancer and Metastasis Reviews</i> , <b>2022</b> , 41, 1	9.6	1
556	E-series resolvins metabolome, biosynthesis and critical role of stereochemistry of specialized pro-resolving mediators (SPMs) in inflammation-resolution: Preparing SPMs for long COVID-19, human clinical trials, and targeted precision nutrition.. <i>Seminars in Immunology</i> , <b>2022</b> , 101597	10.7	3
555	First stereoselective total synthesis of 4(),5()-oxido-17()-hydroxy-6(),8(),10(),13(),15(),19()-docosahexaenoic acid, the biosynthetic precursor of resolvins D3 and D4.. <i>RSC Advances</i> , <b>2022</b> , 12, 11613-11618	3.7	0
554	Periodontal Stem Cells Synthesize Maresin Conjugate in Tissue Regeneration 3.. <i>Journal of Dental Research</i> , <b>2022</b> , 220345221090879	8.1	0
553	Polyunsaturated fatty acids and fatty acid-derived lipid mediators: Recent advances in the understanding of their biosynthesis, structures, and functions.. <i>Progress in Lipid Research</i> , <b>2022</b> , 86, 101165	14.3	10
552	Signaling Pathways Used by the Specialized Pro-Resolving Mediator Maresin 2 Regulate Goblet Cell Function: Comparison with Maresin 1. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6233	6.3	
551	Sex Hormone-Dependent Lipid Mediator Formation in Male and Female Mice During Peritonitis.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 818544	5.6	0
550	Resolvin T-series Reduce Neutrophil Extracellular Traps. <i>Blood</i> , <b>2021</b> ,	2.2	3
549	Cysteinyl-specialized proresolving mediators link resolution of infectious inflammation and tissue regeneration via TRAF3 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
548	Pro-Resolving Mediator Annexin A1 Regulates Intracellular Ca and Mucin Secretion in Cultured Goblet Cells Suggesting a New Use in Inflammatory Conjunctival Diseases. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 618653	8.4	4
547	Bang and Dyerberg's omega-3 discovery turns fifty. <i>Nature Food</i> , <b>2021</b> , 2, 303-305	14.4	2
546	Pro-resolving lipid mediator lipoxin A attenuates neuro-inflammation by modulating T cell responses and modifies the spinal cord lipidome. <i>Cell Reports</i> , <b>2021</b> , 35, 109201	10.6	11
545	PCTR1 Enhances Repair and Bacterial Clearance in Skin Wounds. <i>American Journal of Pathology</i> , <b>2021</b> , 191, 1049-1063	5.8	4
544	Maresin 1, a specialized proresolving mediator, stimulates intracellular [Ca <sup>2+</sup> ] and secretion in conjunctival goblet cells. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 340-353	7	4
543	NPD1 rapidly targets mitochondria-mediated apoptosis after acute injection protecting brain against ischemic injury. <i>Experimental Neurology</i> , <b>2021</b> , 335, 113495	5.7	6
542	Carcinogenesis: Failure of resolution of inflammation?. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 218, 107670	13.9	47
541	Stereoselective Synthesis and Structural Confirmation of the Specialized Pro-Resolving Mediator Resolvin E4. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3535-3545	4.2	4

540	The need for precision nutrition, genetic variation and resolution in Covid-19 patients. <i>Molecular Aspects of Medicine</i> , <b>2021</b> , 77, 100943	16.7	13
539	Protectins PCTR1 and PD1 Reduce Viral Load and Lung Inflammation During Respiratory Syncytial Virus Infection in Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 704427	8.4	4
538	Resolution of inflammation: An organizing principle in biology and medicine. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 227, 107879	13.9	31
537	A new synthetic protectin D1 analog 3-oxa-PD1 reduces neuropathic pain and chronic itch in mice. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 2744-2752	3.9	3
536	Neuroprotectin D1 Attenuates Blast Overpressure Induced Reactive Microglial Cells in the Cochlea. <i>Laryngoscope</i> , <b>2021</b> , 131, E2018-E2025	3.6	1
535	Human leukocytes selectively convert 4,5-epoxy-resolvin to resolvin D3, resolvin D4, and a cys-resolvin isomer.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
534	Inflammation resolution: a dual-pronged approach to averting cytokine storms in COVID-19?. <i>Cancer and Metastasis Reviews</i> , <b>2020</b> , 39, 337-340	9.6	101
533	Specialized pro-resolving lipid mediators are differentially altered in peripheral blood of patients with multiple sclerosis and attenuate monocyte and blood-brain barrier dysfunction. <i>Haematologica</i> , <b>2020</b> , 105, 2056-2070	6.6	39
532	RvE1 uses the LTB receptor BLT1 to increase [Ca] and stimulate mucin secretion in cultured rat and human conjunctival goblet cells. <i>Ocular Surface</i> , <b>2020</b> , 18, 470-482	6.5	3
531	Resolvin E1 Reduces Leukotriene B4-Induced Intracellular Calcium Increase and Mucin Secretion in Rat Conjunctival Goblet Cells. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 1823-1832	5.8	3
530	Specialized pro-resolving mediator network: an update on production and actions. <i>Essays in Biochemistry</i> , <b>2020</b> , 64, 443-462	7.6	89
529	Pro-Resolving Lipid Mediators and Anti-Angiogenic Therapy Exhibit Synergistic Anti-Tumor Activity via Resolvin Receptor Activation. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	2
528	Stereoselective synthesis of MaR2. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151510-151510	2	2
527	Lack of resolution sensor drives age-related cardiometabolic and cardiorenal defects and impedes inflammation-resolution in heart failure. <i>Molecular Metabolism</i> , <b>2020</b> , 31, 138-149	8.8	27
526	The Atlas of Inflammation Resolution (AIR). <i>Molecular Aspects of Medicine</i> , <b>2020</b> , 74, 100894	16.7	54
525	Acute injection of a DHA triglyceride emulsion after hypoxic-ischemic brain injury in mice increases both DHA and EPA levels in blood and brain. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2020</b> , 162, 102176	2.8	2
524	D-series Resolvins activate Phospholipase D in phagocytes during inflammation and resolution. <i>FASEB Journal</i> , <b>2020</b> , 34, 15888-15906	0.9	3
523	Staphylococcus aureus-Derived Hemolysin Evokes Generation of Specialized Pro-resolving Mediators Promoting Inflammation Resolution. <i>Cell Reports</i> , <b>2020</b> , 33, 108247	10.6	22

522	Deficit of resolution receptor magnifies inflammatory leukocyte directed cardiorenal and endothelial dysfunction with signs of cardiomyopathy of obesity. <i>FASEB Journal</i> , <b>2020</b> , 34, 10560-10573	0.9	8
521	Nutrients and Gene Expression in Inflammation <b>2020</b> , 457-467		
520	Cysteinyl maresins regulate the proinflammatory lung actions of cysteinyl leukotrienes. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 335-344	11.5	22
519	Molecular and Cellular Differences in Cardiac Repair of Male and Female Mice. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015672	6	21
518	A New E-Series Resolvin: RvE4 Stereochemistry and Function in Efferocytosis of Inflammation-Resolution. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 631319	8.4	9
517	Blunting neuroinflammation with resolvin D1 prevents early pathology in a rat model of Parkinson's disease. <i>Nature Communications</i> , <b>2019</b> , 10, 3945	17.4	74
516	Adipocytes promote ovarian cancer chemoresistance. <i>Scientific Reports</i> , <b>2019</b> , 9, 13316	4.9	33
515	Endogenous Specialized Proresolving Mediator Profiles in a Novel Experimental Model of Lymphatic Obstruction and Intestinal Inflammation in African Green Monkeys. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 1953-1972	5.8	8
514	Resolvin D2 elevates cAMP to increase intracellular [Ca] and stimulate secretion from conjunctival goblet cells. <i>FASEB Journal</i> , <b>2019</b> , 33, 8468-8478	0.9	10
513	Aspirin-triggered proresolving mediators stimulate resolution in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 6292-6297	11.5	74
512	Targeting biosynthetic networks of the proinflammatory and proresolving lipid metabolome. <i>FASEB Journal</i> , <b>2019</b> , 33, 6140-6153	0.9	52
511	Vacuolar (H)-ATPase Critically Regulates Specialized Proresolving Mediator Pathways in Human M2-like Monocyte-Derived Macrophages and Has a Crucial Role in Resolution of Inflammation. <i>Journal of Immunology</i> , <b>2019</b> , 203, 1031-1043	5.3	10
510	Resolvin D4 attenuates the severity of pathological thrombosis in mice. <i>Blood</i> , <b>2019</b> , 134, 1458-1468	2.2	44
509	Resolvin D5 Inhibits Neuropathic and Inflammatory Pain in Male But Not Female Mice: Distinct Actions of D-Series Resolvins in Chemotherapy-Induced Peripheral Neuropathy. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 745	5.6	42
508	Biosynthetic metabolomes of cysteinyl-containing immunoresolvents. <i>FASEB Journal</i> , <b>2019</b> , 33, 13794-13807	1.8	10
507	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176 Suppl 1, S21-S141	8.6	391
506	Fibrinogen-like protein 2 controls sepsis catabasis by interacting with resolvin Dp5. <i>Science Advances</i> , <b>2019</b> , 5, eaax0629	14.3	7
505	Resolution metabolomes activated by hypoxic environment. <i>Science Advances</i> , <b>2019</b> , 5, eaax4895	14.3	22

504	Preoperative stimulation of resolution and inflammation blockade eradicates micrometastases. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 2964-2979	15.9	50
503	Maresin 1 activates LGR6 receptor promoting phagocyte immunoresolvent functions. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 5294-5311	15.9	86
502	Synergy between Resolvins and Immune Checkpoint Blockade in a Novel Transplantable FANCC Murine Head and Neck Tumor Model. <i>FASEB Journal</i> , <b>2019</b> , 33, 496.10	0.9	0
501	A tribute to Gerald Weissmann (1930-2019). <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 4553-4555	15.9	
500	Immunoresolvent Resolvin D1 Maintains the Health of the Ocular Surface. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1161, 13-25	3.6	12
499	Identification of Chemotype Agonists for Human Resolvin D1 Receptor DRV1 with Pro-Resolving Functions. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 244-254.e4	8.2	16
498	Novel mediators and mechanisms in the resolution of infectious inflammation: evidence for vagus regulation. <i>Journal of Internal Medicine</i> , <b>2019</b> , 286, 240-258	10.8	26
497	Resolution of sickle cell disease-associated inflammation and tissue damage with 17-resolvin D1. <i>Blood</i> , <b>2019</b> , 133, 252-265	2.2	32
496	Resolving Inflammation: Synthesis, Configurational Assignment, and Biological Evaluations of RvD1. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1476-1480	4.8	10
495	Resolvin D1, but not resolvin E1, transactivates the epidermal growth factor receptor to increase intracellular calcium and glycoconjugate secretion in rat and human conjunctival goblet cells. <i>Experimental Eye Research</i> , <b>2019</b> , 180, 53-62	3.7	6
494	Resolvin D1 treatment on goblet cell mucin and immune responses in the chronic allergic eye disease (AED) model. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 145-153	9.2	13
493	Identification and structure elucidation of the pro-resolving mediators provides novel leads for resolution pharmacology. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 1024-1037	8.6	73
492	The Protectin Family of Specialized Pro-resolving Mediators: Potent Immunoresolvents Enabling Innovative Approaches to Target Obesity and Diabetes. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1582	5.6	49
491	Resolvin D3 multi-level proresolving actions are host protective during infection. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2018</b> , 138, 81-89	2.8	37
490	Splenic leukocytes define the resolution of inflammation in heart failure. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	55
489	15-epi-Lipoxin A, Resolvin D2, and Resolvin D3 Induce NF- $\kappa$ B Regulators in Bacterial Pneumonia. <i>Journal of Immunology</i> , <b>2018</b> , 200, 2757-2766	5.3	44
488	Identification of proresolving and inflammatory lipid mediators in human psoriasis. <i>Journal of Clinical Lipidology</i> , <b>2018</b> , 12, 1047-1060	4.9	19
487	Structural insights into Resolvin D4 actions and further metabolites via a new total organic synthesis and validation. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 995	6.5	15

486	Trypanosoma cruzi Produces the Specialized Proresolving Mediators Resolvin D1, Resolvin D5, and Resolvin E2. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	14
485	Lipid Mediator Metabolomics Via LC-MS/MS Profiling and Analysis. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1730, 59-72	1.4	45
484	Human macrophages differentially produce specific resolvin or leukotriene signals that depend on bacterial pathogenicity. <i>Nature Communications</i> , <b>2018</b> , 9, 59	17.4	132
483	Signaling pathways activated by resolvin E1 to stimulate mucin secretion and increase intracellular Ca in cultured rat conjunctival goblet cells. <i>Experimental Eye Research</i> , <b>2018</b> , 173, 64-72	3.7	12
482	Biosynthesis of D-Series Resolvins in Skin Provides Insights into their Role in Tissue Repair. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 2051-2060	4.3	32
481	Identification and Complete Stereochemical Assignments of the New Resolvin Conjugates in Tissue Regeneration in Human Tissues that Stimulate Proresolving Phagocyte Functions and Tissue Regeneration. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 950-966	5.8	33
480	Metabololipidomic profiling of functional immunoresolvent clusters and eicosanoids in mammalian tissues. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 504, 553-561	3.4	19
479	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. <i>Molecular Aspects of Medicine</i> , <b>2018</b> , 64, 1-17	16.7	134
478	Distinct Analgesic Actions of DHA and DHA-Derived Specialized Pro-Resolving Mediators on Post-operative Pain After Bone Fracture in Mice. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 412	5.6	42
477	Immune responsive resolvin D1 programs myocardial infarction-induced cardiorenal syndrome in heart failure. <i>FASEB Journal</i> , <b>2018</b> , 32, 3717-3729	0.9	44
476	New maresin conjugates in tissue regeneration pathway counters leukotriene D-stimulated vascular responses. <i>FASEB Journal</i> , <b>2018</b> , 32, 4043-4052	0.9	24
475	Targeting lipid mediators in cancer biology. <i>Cancer and Metastasis Reviews</i> , <b>2018</b> , 37, 557-572	9.6	35
474	Specific oxylipins enhance vertebrate hematopoiesis via the receptor GPR132. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9252-9257	11.5	23
473	A phase I trial of low-dose inhaled carbon monoxide in sepsis-induced ARDS. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	52
472	Resolvins in inflammation: emergence of the pro-resolving superfamily of mediators. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 2657-2669	15.9	544
471	Resolvins suppress tumor growth and enhance cancer therapy. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 115-140	16.6	142
470	Potent Anti-Inflammatory and Pro-Resolving Effects of Anabasum in a Human Model of Self-Resolving Acute Inflammation. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 104, 675-686	6.1	35
469	Immunoresolvents signaling molecules at intersection between the brain and immune system. <i>Current Opinion in Immunology</i> , <b>2018</b> , 50, 48-54	7.8	22

468	Pro-resolving mediators promote resolution in a human skin model of UV-killed Escherichia coli-driven acute inflammation. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	43
467	Microglia in Pain: Detrimental and Protective Roles in Pathogenesis and Resolution of Pain. <i>Neuron</i> , <b>2018</b> , 100, 1292-1311	13.9	248
466	Identification of specialized pro-resolving mediator clusters from healthy adults after intravenous low-dose endotoxin and omega-3 supplementation: a methodological validation. <i>Scientific Reports</i> , <b>2018</b> , 8, 18050	4.9	42
465	Cutting Edge: Human Vagus Produces Specialized Proresolving Mediators of Inflammation with Electrical Stimulation Reducing Proinflammatory Eicosanoids. <i>Journal of Immunology</i> , <b>2018</b> , 201, 3161-3165	5.3	23
464	Synthesis of protectin D1 analogs: novel pro-resolution and radiotracer agents. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 6818-6823	3.9	9
463	Lipoxin A activates ALX/FPR2 receptor to regulate conjunctival goblet cell secretion. <i>Mucosal Immunology</i> , <b>2017</b> , 10, 46-57	9.2	43
462	Identification and Profiling of Specialized Pro-Resolving Mediators in Human Tears by Lipid Mediator Metabolomics. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2017</b> , 117, 17-27	2.8	78
461	Vagal Regulation of Group 3 Innate Lymphoid Cells and the Immunoresolvent PCTR1 Controls Infection Resolution. <i>Immunity</i> , <b>2017</b> , 46, 92-105	32.3	101
460	Treating inflammation and infection in the 21st century: new hints from decoding resolution mediators and mechanisms. <i>FASEB Journal</i> , <b>2017</b> , 31, 1273-1288	0.9	330
459	Plasma lipoxin A and resolvin D1 are not associated with reduced adenoma risk in a randomized trial of aspirin to prevent colon adenomas. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1977-1983	5	13
458	NLRP3 Inflammasome Deficiency Protects against Microbial Sepsis via Increased Lipoxin B Synthesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 713-726	10.2	98
457	Discovery of specialized pro-resolving mediators marks the dawn of resolution physiology and pharmacology. <i>Molecular Aspects of Medicine</i> , <b>2017</b> , 58, 1-11	16.7	127
456	Human Sepsis Eicosanoid and Proresolving Lipid Mediator Temporal Profiles: Correlations With Survival and Clinical Outcomes. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 58-68	1.4	106
455	The novel lipid mediator PD1: An overview of the structural elucidation, synthesis, biosynthesis and bioactions. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2017</b> , 133, 103-110	3.7	33
454	Structural elucidation and physiologic functions of specialized pro-resolving mediators and their receptors. <i>Molecular Aspects of Medicine</i> , <b>2017</b> , 58, 114-129	16.7	183
453	Protectin D1 and resolvin D5 are effectors of intestinal protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 3963-3968	11.5	93
452	Neutrophil Resolvin E1 Receptor Expression and Function in Type 2 Diabetes. <i>Journal of Immunology</i> , <b>2017</b> , 198, 718-728	5.3	56
451	Novel Resolvin D2 Receptor Axis in Infectious Inflammation. <i>Journal of Immunology</i> , <b>2017</b> , 198, 842-851	5.3	89

450	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950-Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 2275-2288	6.3	220
449	ERV1 Overexpression in Myeloid Cells Protects against High Fat Diet Induced Obesity and Glucose Intolerance. <i>Scientific Reports</i> , <b>2017</b> , 7, 12848	4.9	25
448	A cluster of immunoresolvents links coagulation to innate host defense in human blood. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	39
447	Atherosclerosis, Periodontal Disease, and Treatment with Resolvins. <i>Current Atherosclerosis Reports</i> , <b>2017</b> , 19, 57	6	23
446	Specialized Proresolving Mediators Rescue Infant Mice from Lethal <i>Citrobacter rodentium</i> Infection and Promote Immunity against Reinfection. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	10
445	Microscale arrays for the profiling of start and stop signals coordinating human-neutrophil swarming. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	52
444	Roles of Specialized Proresolving Lipid Mediators in Inflammation Resolution and Tissue Repair <b>2017</b> , 1447-1466		
443	Resolvin D1 Increases Mucin Secretion in Cultured Rat Conjunctival Goblet Cells via Multiple Signaling Pathways <b>2017</b> , 58, 4530-4544		21
442	Pro-Resolving Mediators in Regulating and Conferring Macrophage Function. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1400	8.4	70
441	Human milk proresolving mediators stimulate resolution of acute inflammation. <i>Mucosal Immunology</i> , <b>2016</b> , 9, 757-766	9.2	83
440	Resolvin D3 Is Dysregulated in Arthritis and Reduces Arthritic Inflammation. <i>Journal of Immunology</i> , <b>2016</b> , 197, 2362-8	5.3	76
439	Signaling and Immunoresolving Actions of Resolvin D1 in Inflamed Human Visceral Adipose Tissue. <i>Journal of Immunology</i> , <b>2016</b> , 197, 3360-3370	5.3	63
438	Lipoxin A Counter-regulates Histamine-stimulated Glycoconjugate Secretion in Conjunctival Goblet Cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 36124	4.9	24
437	Proresolving lipid mediators resolvin D1, resolvin D2, and maresin 1 are critical in modulating T cell responses. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 353ra111	17.5	191
436	Resolvin D4 stereoassignment and its novel actions in host protection and bacterial clearance. <i>Scientific Reports</i> , <b>2016</b> , 6, 18972	4.9	64
435	Maresin conjugates in tissue regeneration biosynthesis enzymes in human macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 12232-12237	11.5	61
434	Identification and Actions of the Maresin 1 Metabolome in Infectious Inflammation. <i>Journal of Immunology</i> , <b>2016</b> , 197, 4444-4452	5.3	50
433	Stretching Impacts Inflammation Resolution in Connective Tissue. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 1621-7	7	49



432	Aspirin-triggered resolvin D1 is produced during self-resolving gram-negative bacterial pneumonia and regulates host immune responses for the resolution of lung inflammation. <i>Mucosal Immunology</i> , <b>2016</b> , 9, 1278-87	9.2	60
431	Pro-Resolving Lipid Mediators Improve Neuronal Survival and Increase A $\beta$ 2 Phagocytosis. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2733-49	6.2	113
430	The Protectin PCTR1 Is Produced by Human M2 Macrophages and Enhances Resolution of Infectious Inflammation. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 962-73	5.8	72
429	Selective identification of specialized pro-resolving lipid mediators from their biosynthetic double di-oxygenation isomers. <i>RSC Advances</i> , <b>2016</b> , 6, 28820-28829	3.7	4
428	Human Periodontal Stem Cells Release Specialized Proresolving Mediators and Carry Immunomodulatory and Prohealing Properties Regulated by Lipoxins. <i>Stem Cells Translational Medicine</i> , <b>2016</b> , 5, 20-32	6.9	63
427	Distal vessel stiffening is an early and pivotal mechanobiological regulator of vascular remodeling and pulmonary hypertension. <i>JCI Insight</i> , <b>2016</b> , 1,	9.9	38
426	Carbon Monoxide Improves Efficacy of Mesenchymal Stromal Cells During Sepsis by Production of Specialized Proresolving Lipid Mediators. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e1236-e1245	1.4	46
425	Novel Endogenous Proresolving Molecules:Essential Fatty Acid-Derived and Gaseous Mediators in the Resolution of Inflammation. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2016</b> , 23, 655-64	4	23
424	Identification and Actions of a Novel Third Maresin Conjugate in Tissue Regeneration: MCTR3. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149319	3.7	43
423	Proresolving and cartilage-protective actions of resolvin D1 in inflammatory arthritis. <i>JCI Insight</i> , <b>2016</b> , 1, e85922	9.9	111
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37	Animal Models of Rheumatoid Arthritis		2

- 36 Adenosine Receptors: Therapeutic Aspects for Inflammatory and Immune Diseases 186-197
- 35 Cytokines and Chemokines in Inflammation and Cancer 244-252 1
- 34 Neural Inflammation, Alzheimer's Disease, and Stroke 259-266
- 33 Rheumatoid Arthritis/SLE 267-281
- 32 Gastrointestinal Inflammation and Ulceration: Mediators of Induction and Resolution 282-298
- 31 Inflammation in Cardiovascular Diseases 317-328
- 30 Glomerulonephritis and Ischemia Reperfusion Injury 349-375
- 29 Ocular Inflammation Models 413-426 1
- 28 Atherosclerosis in Experimental Animal Models 427-432
- 27 Pathogens and Inflammation 448-456
- 26 Mediators and Mechanisms of Inflammatory Pain 217-233
- 25 Inflammatory Skin Diseases 299-303
- 24 Links between Innate and Adaptive Immunity 28-38 2
- 23 Cell Adhesion Molecules 208-216
- 22 Kidney Glomerulonephritis and Renal Ischemia 304-316
- 21 Neutrophils I 39-48
- 20 Neutrophils II 49-64 1
- 19 Mast Cells as Sentinels of Inflammation 65-73

18	Basophils74-85	
17	Eosinophils86-95	
16	Macrophages96-106	
15	Lymphocytes107-125	1
14	Fibroblasts and Stromal Cells126-140	2
13	Models of Acute Inflammation [Air-Pouch, Peritonitis, and Ischemia-Reperfusion329-337	4
12	Lung253-258	
11	Experimental Models of Glomerulonephritis338-348	
10	Neutrophil-Endothelial Cell Interactions141-152	
9	Resolution of Acute Inflammation and Wound Healing17-27	1
8	Lipid Mediators in Acute Inflammation and Resolution: Eicosanoids, PAF, Resolvins, and Protectins153-174	8
7	Cytokines and Chemokines in Inflammation175-185	2
6	Leukocyte Generation of Reactive Oxygen Species198-207	
5	Nonsteroidal Anti-Inflammatory Drugs234-243	
4	Oral Inflammation and Periodontitis433-447	
3	Acute and Chronic Inflammation1-16	10
2	The Atlas of Inflammation-Resolution (AIR)	2
1	Novel Anti-Inflammatory and Proresolution Lipid Mediators in Induction and Modulation of Phagocyte Function265-280	



