

Ana R Rodriguez

List of Publications by Year in descending order

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38
papers

1,495
citations

331259

21
h-index

315357

38
g-index

39
all docs

39
docs citations

39
times ranked

1218
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between oral and vaginal administration of misoprostol on uterine contractility. <i>Obstetrics and Gynecology</i> , 1999, 93, 275-280.	1.2	184
2	Oxidative stress early in pregnancy and pregnancy outcome. <i>Free Radical Research</i> , 2008, 42, 841-848.	1.5	126
3	Lipoxin A4 Increases Survival by Decreasing Systemic Inflammation and Bacterial Load in Sepsis. <i>Shock</i> , 2011, 36, 410-416.	1.0	117
4	Selective oxidation of primary silyl ethers and its application to the synthesis of natural products. <i>Tetrahedron Letters</i> , 1999, 40, 5161-5164.	0.7	109
5	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> , 2016, 113, 12232-12237.	3.3	79
6	First total synthesis of 7(S),16(R),17(S)-Resolvin D2, a potent anti-inflammatory lipid mediator. <i>Tetrahedron Letters</i> , 2004, 45, 8717-8720.	0.7	59
7	A selective method for the preparation of aliphatic methyl esters in the presence of aromatic carboxylic acids. <i>Tetrahedron Letters</i> , 1998, 39, 8563-8566.	0.7	55
8	Identification and Actions of a Novel Third Maresin Conjugate in Tissue Regeneration: MCTR3. <i>PLoS ONE</i> , 2016, 11, e0149319.	1.1	54
9	Lipoxin A ₄ augments host defense in sepsis and reduces <i>Pseudomonas aeruginosa</i> virulence through quorum sensing inhibition. <i>FASEB Journal</i> , 2016, 30, 2400-2410.	0.2	52
10	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> , 2018, 188, 950-966.	1.9	49
11	First total synthesis of 7(S),17(S)-Resolvin D5, a potent anti-inflammatory docosanoid. <i>Tetrahedron Letters</i> , 2005, 46, 3623-3627.	0.7	45
12	An Efficient Asymmetric Synthesis of Prostaglandin E1. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2655-2662.	1.2	38
13	Total synthesis of 12(R)-HETE, 12(S)-HETE, 2 H ₂ -12(R)-HETE and LTB ₄ from racemic glycidol via hydrolytic kinetic resolution. <i>Tetrahedron</i> , 2001, 57, 25-37.	1.0	38
14	First total synthesis of the E type I phytoprostanes. <i>Tetrahedron Letters</i> , 2003, 44, 7411-7415.	0.7	38
15	First total synthesis of the anti-inflammatory lipid mediator Resolvin D6. <i>Tetrahedron Letters</i> , 2012, 53, 86-89.	0.7	36
16	Resolvin T-series reduce neutrophil extracellular traps. <i>Blood</i> , 2022, 139, 1222-1233.	0.6	36
17	New maresin conjugates in tissue regeneration pathway counters leukotriene D ₄ stimulated vascular responses. <i>FASEB Journal</i> , 2018, 32, 4043-4052.	0.2	35
18	Antithrombotic effects of peroxyntirite: Inhibition and reversal of aggregation in human platelets. <i>Prostaglandins</i> , 1995, 50, 169-178.	1.2	34

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19	Total synthesis of the macrophage derived anti-inflammatory lipid mediator Maresin 1. <i>Tetrahedron Letters</i> , 2012, 53, 4169-4172.	0.7	33
20	Total synthesis of aspirin-triggered 15-epi-lipoxin A4. <i>Tetrahedron Letters</i> , 2001, 42, 6057-6060.	0.7	31
21	Total synthesis of the anti-inflammatory lipid mediator Resolvin E2. <i>Tetrahedron Letters</i> , 2012, 53, 1912-1915.	0.7	23
22	Total synthesis of E1 and E2 isoprostanes by diastereoselective protonation. <i>Tetrahedron Letters</i> , 2002, 43, 9249-9253.	0.7	19
23	First total synthesis of pro-resolving and tissue-regenerative Maresin sulfido-conjugates. <i>Tetrahedron Letters</i> , 2015, 56, 3936-3940.	0.7	19
24	First total synthesis of the macrophage derived anti-inflammatory and pro-resolving lipid mediator Maresin 2. <i>Tetrahedron Letters</i> , 2015, 56, 256-259.	0.7	19
25	Total synthesis of pro-resolving and tissue-regenerative Protectin sulfido-conjugates. <i>Tetrahedron Letters</i> , 2015, 56, 5811-5815.	0.7	18
26	Total synthesis of isoprostanes via the two-component coupling process. <i>Tetrahedron Letters</i> , 2002, 43, 4575-4579.	0.7	17
27	Total synthesis of Resolvin D1, a potent anti-inflammatory lipid mediator. <i>Tetrahedron Letters</i> , 2012, 53, 6990-6994.	0.7	17
28	Total Synthesis of Leukotrienes from Butadiene. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2991-3000.	1.2	16
29	Total synthesis of lipoxin A4 and lipoxin B4 from butadiene. <i>Tetrahedron Letters</i> , 2000, 41, 823-826.	0.7	15
30	Total synthesis of the potent anti-inflammatory lipid mediator Protectin D1. <i>Tetrahedron Letters</i> , 2014, 55, 6011-6015.	0.7	15
31	First total synthesis of pro-resolving and tissue-regenerative resolvin sulfido-conjugates. <i>Tetrahedron Letters</i> , 2017, 58, 1662-1668.	0.7	15
32	Lipoxin A4 promotes reduction and antibiotic efficacy against <i>Pseudomonas aeruginosa</i> biofilm. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 152, 106505.	1.0	14
33	First total synthesis of the pro-resolving lipid mediator 7(S),12(R),13(S)-Resolvin T2 and its 13(R)-epimer. <i>Tetrahedron Letters</i> , 2020, 61, 151857.	0.7	11
34	First total syntheses of the pro-resolving lipid mediators 7(S),13(R),20(S)-Resolvin T1 and 7(S),13(R)-Resolvin T4. <i>Tetrahedron Letters</i> , 2020, 61, 151473.	0.7	10
35	MCTR3 reprograms arthritic monocytes to upregulate Arginase-1 and exert pro-resolving and tissue-protective functions in experimental arthritis. <i>EBioMedicine</i> , 2022, 79, 103974.	2.7	8
36	First total synthesis of the anti-inflammatory and pro-resolving lipid mediator 16(R),17(S)-diHDHA. <i>Tetrahedron Letters</i> , 2018, 59, 1143-1146.	0.7	5

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37	RELEASE OF THE LIPID PEROXIDATION MARKER 8-EPI-PROSTAGLANDIN F ₂ ± FROM ISOLATED GILL PAVEMENT CELLS. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1569.	2.2	4
38	An Acute Retinal Model for Evaluating Blood Retinal Barrier Breach and Potential Drugs for Treatment. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	1