

Ana R Rodriguez

List of Publications by Year in descending order

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38
papers

1,495
citations

331670

21
h-index

315739

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. Obstetrics and Gynecology, 1999, 93, 275-280.	2.4	184
2	Oxidative stress early in pregnancy and pregnancy outcome. Free Radical Research, 2008, 42, 841-848.	3.3	126
3	Lipoxin A4 Increases Survival by Decreasing Systemic Inflammation and Bacterial Load in Sepsis. Shock, 2011, 36, 410-416.	2.1	117
4	Selective oxidation of primary silyl ethers and its application to the synthesis of natural products. Tetrahedron Letters, 1999, 40, 5161-5164.	1.4	109
5	Maresin conjugates in tissue regeneration biosynthesis enzymes in human macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12232-12237.	7.1	79
6	First total synthesis of 7(S),16(R),17(S)-Resolvin D2, a potent anti-inflammatory lipid mediator. Tetrahedron Letters, 2004, 45, 8717-8720.	1.4	59
7	A selective method for the preparation of aliphatic methyl esters in the presence of aromatic carboxylic acids. Tetrahedron Letters, 1998, 39, 8563-8566.	1.4	55
8	Identification and Actions of a Novel Third Maresin Conjugate in Tissue Regeneration: MCTR3. PLoS ONE, 2016, 11, e0149319.	2.5	54
9	Lipoxin A ₄ augments host defense in sepsis and reduces <i>Pseudomonas aeruginosa</i> virulence through quorum sensing inhibition. FASEB Journal, 2016, 30, 2400-2410.	0.5	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. American Journal of Pathology, 2018, 188, 950-966.	3.8	49
11	First total synthesis of 7(S),17(S)-Resolvin D5, a potent anti-inflammatory docosanoid. Tetrahedron Letters, 2005, 46, 3623-3627.	1.4	45
12	An Efficient Asymmetric Synthesis of Prostaglandin E1. European Journal of Organic Chemistry, 1999, 1999, 2655-2662.	2.4	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. Tetrahedron, 2001, 57, 25-37.	1.9	38
14	First total synthesis of the E type I phytoprostanes. Tetrahedron Letters, 2003, 44, 7411-7415.	1.4	38
15	First total synthesis of the anti-inflammatory lipid mediator Resolvin D6. Tetrahedron Letters, 2012, 53, 86-89.	1.4	36
16	Resolvin T-series reduce neutrophil extracellular traps. Blood, 2022, 139, 1222-1233.	1.4	36
17	New maresin conjugates in tissue regeneration pathway counters leukotriene D ₄ stimulated vascular responses. FASEB Journal, 2018, 32, 4043-4052.	0.5	35
18	Antithrombotic effects of peroxynitrite: Inhibition and reversal of aggregation in human platelets. Prostaglandins, 1995, 50, 169-178.	1.2	34

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19	Total synthesis of the macrophage derived anti-inflammatory lipid mediator Maresin 1. Tetrahedron Letters, 2012, 53, 4169-4172.	1.4	33
20	Total synthesis of aspirin-triggered 15-epi-lipoxin A4. Tetrahedron Letters, 2001, 42, 6057-6060.	1.4	31
21	Total synthesis of the anti-inflammatory lipid mediator Resolvin E2. Tetrahedron Letters, 2012, 53, 1912-1915.	1.4	23
22	Total synthesis of E1 and E2 isoprostanes by diastereoselective protonation. Tetrahedron Letters, 2002, 43, 9249-9253.	1.4	19
23	First total synthesis of pro-resolving and tissue-regenerative Maresin sulfido-conjugates. Tetrahedron Letters, 2015, 56, 3936-3940.	1.4	19
24	First total synthesis of the macrophage derived anti-inflammatory and pro-resolving lipid mediator Maresin 2. Tetrahedron Letters, 2015, 56, 256-259.	1.4	19
25	Total synthesis of pro-resolving and tissue-regenerative Protectin sulfido-conjugates. Tetrahedron Letters, 2015, 56, 5811-5815.	1.4	18
26	Total synthesis of isoprostanes via the two-component coupling process. Tetrahedron Letters, 2002, 43, 4575-4579.	1.4	17
27	Total synthesis of Resolvin D1, a potent anti-inflammatory lipid mediator. Tetrahedron Letters, 2012, 53, 6990-6994.	1.4	17
28	Total Synthesis of Leukotrienes from Butadiene. European Journal of Organic Chemistry, 2000, 2000, 2991-3000.	2.4	16
29	Total synthesis of lipoxin A4 and lipoxin B4 from butadiene. Tetrahedron Letters, 2000, 41, 823-826.	1.4	15
30	Total synthesis of the potent anti-inflammatory lipid mediator Protectin D1. Tetrahedron Letters, 2014, 55, 6011-6015.	1.4	15
31	First total synthesis of pro-resolving and tissue-regenerative resolvin sulfido-conjugates. Tetrahedron Letters, 2017, 58, 1662-1668.	1.4	15
32	Lipoxin A4 promotes reduction and antibiotic efficacy against Pseudomonas aeruginosa biofilm. Prostaglandins and Other Lipid Mediators, 2021, 152, 106505.	1.9	14
33	First total synthesis of the pro-resolving lipid mediator 7(S),12(R),13(S)-Resolvin T2 and its 13(R)-epimer. Tetrahedron Letters, 2020, 61, 151857.	1.4	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. Tetrahedron Letters, 2020, 61, 151473.	1.4	10
35	MCTR3 reprograms arthritic monocytes to upregulate Arginase-1 and exert pro-resolving and tissue-protective functions in experimental arthritis. EBioMedicine, 2022, 79, 103974.	6.1	8
36	First total synthesis of the anti-inflammatory and pro-resolving lipid mediator 16(R),17(S)-diHDHA. Tetrahedron Letters, 2018, 59, 1143-1146.	1.4	5

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37	RELEASE OF THE LIPID PEROXIDATION MARKER 8-EPI-PROSTAGLANDIN F ₂ ± FROM ISOLATED GILL PAVEMENT CELLS. Environmental Toxicology and Chemistry, 2008, 27, 1569.	4.3	4
38	An Acute Retinal Model for Evaluating Blood Retinal Barrier Breach and Potential Drugs for Treatment. Journal of Visualized Experiments, 2016, , .	0.3	1