

# Luis Lopez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

413  
citations

687363

13  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of APD334: Design of a Clinical Stage Functional Antagonist of the Sphingosine-1-phosphate-1 Receptor. ACS Medicinal Chemistry Letters, 2014, 5, 1313-1317.	2.8	43
2	Defining strategies to win in the Internet market. Physica A: Statistical Mechanics and Its Applications, 2001, 301, 512-534.	2.6	42
3	Complementary Asymmetric Routes to ( <i>R</i> )-2-(7-Hydroxy-2,3-dihydro-1 <i>H</i> -pyrrolo[1,2- <i>a</i> ]indol-1-yl)acetate. Organic Letters, 2012, 14, 6306-6309.	4.6	31
4	Relation between structure and size in social networks. Physical Review E, 2002, 65, 036107.	2.1	30
5	Hierarchical social networks and information flow. Physica A: Statistical Mechanics and Its Applications, 2002, 316, 695-708.	2.6	27
6	A model of self-avoiding random walks for searching complex networks. Networks, 2012, 60, 71-85.	2.7	26
7	Angiotensin-converting enzyme and alpha-2-macroglobulin gene polymorphisms are not associated with Alzheimer's disease in Colombian patients. Journal of the Neurological Sciences, 2004, 218, 47-51.	0.6	22
8	Vaccine schedule compliance among very low birth weight infants in Lima, Peru. Vaccine, 2015, 33, 354-358.	3.8	20
9	Turbo-like structures for chaos encoding and decoding. IEEE Transactions on Communications, 2009, 57, 597-601.	7.8	19
10	Performance of random walks in one-hop replication networks. Computer Networks, 2010, 54, 781-796.	5.1	18
11	Fused tricyclic indoles as S1P1 agonists with robust efficacy in animal models of autoimmune disease. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4404-4409.	2.2	18
12	Improving the Performance of Chaos-Based Modulations Via Serial Concatenation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 448-459.	5.4	15
13	Association Analysis of Polymorphisms in TOMM40, CR1, PVRL2, SORL1, PICALM, and 14q32.13 Regions in Colombian Alzheimer Disease Patients. Alzheimer Disease and Associated Disorders, 2016, 30, 305-309.	1.3	15
14	Complex networks and the WWW market. Physica A: Statistical Mechanics and Its Applications, 2003, 324, 754-758.	2.6	14
15	Spectra and structure of polyamine-copper(II) complexes. Infrared spectrum and normal coordinate calculations of mono(diethylenetriamine) copper(II) nitrate. Vibrational Spectroscopy, 1993, 6, 37-42.	2.2	13
16	Vibrational study of polyamine copper(II) complexes. Infrared spectra and normal coordinate analysis of mono(diethylenetriamine)copper(II) complex ions. Vibrational Spectroscopy, 1992, 3, 315-322.	2.2	12
17	(7-Benzyloxy-2,3-dihydro-1 <i>H</i> -pyrrolo[1,2- <i>a</i> ]indol-1-yl)acetic Acids as S1P <sub>1</sub> Functional Antagonists. ACS Medicinal Chemistry Letters, 2014, 5, 1334-1339.	2.8	12
18	Discovery and characterization of potent and selective 4-oxo-4-(5-(5-phenyl-1,2,4-oxadiazol-3-yl)indolin-1-yl)butanoic acids as S1P1 agonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6013-6018.	2.2	10

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19	Respiratory Syncytial Virus-Associated Hospitalizations in Pre-Mature Infants in Lima, Peru. American Journal of Tropical Medicine and Hygiene, 2014, 91, 1029-1034.	1.4	10
20	Information flow in generalized hierarchical networks. Physica A: Statistical Mechanics and Its Applications, 2003, 324, 424-429.	2.6	9
21	Congestion schemes and Nash equilibrium in complex networks. Physica A: Statistical Mechanics and Its Applications, 2005, 355, 602-618.	2.6	3
22	Resource location based on partial random walks in networks with resource dynamics. , 2012, , .		2
23	Improving resource location with locally precomputed partial random walks. Computing (Vienna/New) Tj ETQq1 1 0,784314 rgBT /Overl 4.8	4.8	1
24	Resource location based on precomputed partial random walks in dynamic networks. Computer Networks, 2016, 103, 165-180.	5.1	1
25	Improving Resource Location with Locally Precomputed Partial Random Walks. Lecture Notes in Computer Science, 2013, , 144-158.	1.3	0