

# Josep Maria Mateo-Sanz

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

949  
citations

394421

19  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing biofuels through the lens of sustainability: A data envelopment analysis approach. Applied Energy, 2022, 307, 118201.	10.1	31
2	Water stress assessment on grapevines by using classification and regression trees. Plant Direct, 2021, 5, e00319.	1.9	6
3	Moving municipal WWTP towards circular economy: Cellulose recovery from primary sludge with ionic liquid. Resources, Conservation and Recycling, 2020, 154, 104626.	10.8	19
4	Sustainability efficiency assessment of the electricity mix of the 28 EU member countries combining data envelopment analysis and optimized projections. Energy Policy, 2019, 134, 110921.	8.8	28
5	Sustainable evaluation of environmental and occupational risks scheduling flexible job shop manufacturing systems. Journal of Cleaner Production, 2019, 209, 146-168.	9.3	31
6	Eco-efficiency assessment of EU manufacturing sectors combining input-output tables and data envelopment analysis following production and consumption-based accounting approaches. Journal of Cleaner Production, 2018, 174, 1161-1189.	9.3	43
7	Electricity mix assessment of the EU member countries using DEA and EffMixF. Computer Aided Chemical Engineering, 2018, 43, 445-450.	0.5	2
8	Statistical analysis of the ecoinvent database to uncover relationships between life cycle impact assessment metrics. Journal of Cleaner Production, 2016, 112, 359-368.	9.3	52
9	Statistical analysis of global environmental impact patterns using a world multi-regional input-output database. Journal of Cleaner Production, 2015, 90, 360-369.	9.3	18
10	Design of a P2P network that protects users' privacy in front of Web Search Engines. Computer Communications, 2015, 57, 37-49.	5.1	3
11	Distributed Architecture With Double-Phase Microaggregation for the Private Sharing of Biomedical Data in Mobile Health. IEEE Transactions on Information Forensics and Security, 2013, 8, 901-910.	6.9	18
12	Microalgae-based biodiesel: A multicriteria analysis of the production process using realistic scenarios. Bioresource Technology, 2013, 147, 7-16.	9.6	54
13	An automated environmental and economic evaluation methodology for the optimization of a sour water stripping plant. Journal of Cleaner Production, 2013, 44, 56-68.	9.3	24
14	Sustainability analysis of biodiesel production from Cynara Cardunculus crop. Fuel, 2013, 111, 535-542.	6.4	26
15	Microalgae-based biodiesel: Economic analysis of downstream process realistic scenarios. Bioresource Technology, 2013, 136, 617-625.	9.6	59
16	MILP-based clustering method for multi-objective optimization: Application to environmental problems. Computers and Chemical Engineering, 2013, 56, 202-217.	3.8	4
17	Single-party private web search. , 2012, , .		7
18	Automated Environmental Evaluation for the Optimization of Chemical Processes. Computer Aided Chemical Engineering, 2012, , 162-166.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Evaluation Tool for the Environmental Design of Chemical Processes. Industrial & Engineering Chemistry Research, 2011, 50, 13466-13474.	3.7	20
20	Exploiting social networks to provide privacy in personalized web search. Journal of Systems and Software, 2011, 84, 1734-1745.	4.5	27
21	Statistical Optimization of the Synthesis of Highly Microporous Carbons by Chemical Activation of Kraft Lignin with NaOH. Journal of Chemical & Engineering Data, 2009, 54, 2216-2221.	1.9	35
22	Grape-seed procyanidins modulate inflammation on human differentiated adipocytes in vitro. Cytokine, 2009, 47, 137-142.	3.2	110
23	A Post-processing Method to Lessen $k$ -Anonymity Dissimilarities. , 2008, , .		2
24	A Genetic Approach to Multivariate Microaggregation for Database Privacy. , 2007, , .		16
25	Multivariate Microaggregation Based Genetic Algorithms. , 2006, , .		20
26	Efficient multivariate data-oriented microaggregation. VLDB Journal, 2006, 15, 355-369.	4.1	121
27	Information Loss in Continuous Hybrid Microdata: Subdomain-Level Probabilistic Measures. , 2006, , 287-298.		2
28	Probabilistic Information Loss Measures in Confidentiality Protection of Continuous Microdata. Data Mining and Knowledge Discovery, 2005, 11, 181-193.	3.7	76
29	Outlier Protection in Continuous Microdata Masking. Lecture Notes in Computer Science, 2004, , 201-215.	1.3	26
30	Fast Generation of Accurate Synthetic Microdata. Lecture Notes in Computer Science, 2004, , 298-306.	1.3	23
31	ON THE SECURITY OF MICROAGGREGATION WITH INDIVIDUAL RANKING: ANALYTICAL ATTACKS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 477-491.	1.9	25
32	Post-Masking Optimization of the Tradeoff between Information Loss and Disclosure Risk in Masked Microdata Sets. Lecture Notes in Computer Science, 2002, , 163-171.	1.3	21