# JÃ¶rg Verstraete

## List of Publications by Year
in descending order

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|---|---|---|---|
| **29**<br>papers | **120**<br>citations | **5**<br>h-index | **8**<br>g-index |
| **35**<br>all docs | **35**<br>docs citations | **35**<br>times ranked | **63**<br>citing authors |

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| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Rulebase construction using variables with data-dependent domains. Information Sciences, 2021, 570, 52-69. | 6.9 | 2 |
| 2 | Solving the general map overlay problem using a fuzzy inference system designed for spatial disaggregation. Mitigation and Adaptation Strategies for Global Change, 2019, 24, 1101-1122. | 2.1 | 4 |
| 3 | The Spatial Disaggregation Problem: Simulating Reasoning Using a Fuzzy Inference System. IEEE Transactions on Fuzzy Systems, 2017, 25, 627-641. | 9.8 | 10 |
| 4 | Fuzzy quality assessment of gridded approximations. Applied Soft Computing Journal, 2017, 55, 319-330. | 7.2 | 4 |
| 5 | Dealing with Rounding Errors in Geometry Processing. Advances in Intelligent Systems and Computing, 2016, , 417-428. | 0.6 | 2 |
| 6 | Compliance for uncertain inventories via probabilistic/fuzzy comparison of alternatives. , 2015, , 69-84. | | 0 |
| 7 | Solving the map overlay problem with a fuzzy approach. , 2015, , 141-154. | | 0 |
| 8 | Compliance for uncertain inventories via probabilistic/fuzzy comparison of alternatives. Climatic Change, 2014, 124, 519-534. | 3.6 | 5 |
| 9 | Solving the map overlay problem with a fuzzy approach. Climatic Change, 2014, 124, 591-604. | 3.6 | 11 |
| 10 | A Fuzzy Rulebase Approach to Remap Gridded Spatial Data: Initial Observations. Communications in Computer and Information Science, 2014, , 366-375. | 0.5 | 2 |
| 11 | Parameters to use a fuzzy rulebase approach to remap gridded spatial data. , 2013, , . | | 4 |
| 12 | Distance calculation between Level-2 fuzzy regions. , 2013, , . | | 0 |
| 13 | Surface Area of Level-2 Fuzzy Regions. Lecture Notes in Computer Science, 2012, , 342-349. | 1.3 | 1 |
| 14 | Higher Reasoning with Level-2 Fuzzy Regions. Lecture Notes in Computer Science, 2011, , 49-59. | 1.3 | 0 |
| 15 | A Quantitative Approach to Topology for Fuzzy Regions. Lecture Notes in Computer Science, 2010, , 248-255. | 1.3 | 3 |
| 16 | Fuzzy Regions: Adding Subregions and the Impact on Surface and Distance Calculation. Communications in Computer and Information Science, 2010, , 561-570. | 0.5 | 3 |
| 17 | Topological Relations on Fuzzy Regions â€" An Extended Application of Intersection Matrices. , 2008, , 487-499. | | 2 |
| 18 | USING TIN-BASED STRUCTURES FOR THE MODELLING OF FUZZY GIS OBJECTS IN A DATABASE. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 1-20. | 1.9 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Numerical Properties of Fuzzy Regions: Surface Area. Lecture Notes in Computer Science, 2007, , 155-161. | 1.3 | 0 |
| 20 | Fuzzy spatial data modeling: an extended bitmap approach. , 2006, , 321-331. | | 1 |
| 21 | Field Based Methods for the Modeling of Fuzzy Spatial Data. , 2005, , 41-69. | | 22 |
| 22 | The Applicability of Generalized Constraints in Spatio-Temporal Database Modelling and Querying. , 2004, , 127-158. | | 1 |
| 23 | A Flexible Querying Framework (FQF): Some Implementation Issues. Lecture Notes in Computer Science, 2003, , 260-267. | 1.3 | 0 |
| 24 | Modelling of Fuzzy and Uncertain Spatio-Temporal Information in Databases. , 2003, , 117-128. | | 4 |
| 25 | A Generalized Object-Oriented Data Model Based on Level-2 Fuzzy Sets. Studies in Fuzziness and Soft Computing, 2003, , 73-108. | 0.8 | 0 |
| 26 | Conjunctive Aggregation of Extended Possibilistic Truth Values and Flexible Database Querying. Lecture Notes in Computer Science, 2002, , 344-355. | 1.3 | 7 |
| 27 | Assigning membership degrees to points of fuzzy boundaries. , 0, , . | | 4 |
| 28 | Algorithm for simultaneous defuzzification under constraints: shifted mean-max. , 0, , . | | 2 |
| 29 | Evaluation of distributed multi-agent Energy Management System â€" cost calculation. , 0, , . | | 0 |