

# Raquel Plumed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1446063/publications.pdf>

Version: 2024-02-01

21  
papers

134  
citations

1684188

5  
h-index

1281871

11  
g-index

24  
all docs

24  
docs citations

24  
times ranked

105  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A survey on 3D CAD model quality assurance and testing tools. CAD Computer Aided Design, 2017, 83, 64-79.  | 2.7 | 51        |
| 2  | Approach for developing coordinated rubrics to convey quality criteria in MCAD training. CAD Computer Aided Design, 2015, 63, 101-117.                     | 2.7 | 35        |
| 3  | A fast approach for perceptually-based fitting strokes into elliptical arcs. Visual Computer, 2015, 31, 775-785.   | 3.5 | 8         |
| 4  | Synchronous communication in PLM environments using annotated CAD models. Journal of Systems Science and Systems Engineering, 2016, 25, 142-158.           | 1.6 | 6         |
| 5  | Detecting mirror symmetry in single-view wireframe sketches of polyhedral shapes. Computers and Graphics, 2016, 59, 1-12.                                  | 2.5 | 5         |
| 6  | A voice-based annotation system for collaborative computer-aided design. Journal of Computational Design and Engineering, 2021, 8, 536-546.                | 3.1 | 4         |
| 7  | From sketches to CAM models. , 2013, , .   |     | 3         |
| 8  | Algorithmic Perception of Vertices in Sketched Drawings of Polyhedral Shapes. ACM Transactions on Applied Perception, 2019, 16, 1-19.                      | 1.9 | 3         |
| 9  | An Algorithm for Grouping Lines Which Converge to Vanishing Points in Perspective Sketches of Polyhedra. Lecture Notes in Computer Science, 2014, , 77-95. | 1.3 | 3         |
| 10 | Detection of Vertices in Sketched Drawings of Polyhedral Shapes. Lecture Notes in Computer Science, 2019, , 376-383.                                       | 1.3 | 2         |
| 11 | Extracting datums to reconstruct CSG models from 2D engineering sketches of polyhedral shapes. Computers and Graphics, 2022, 102, 349-359.                 | 2.5 | 2         |
| 12 | A constraint redundancy elimination strategy to improve design reuse in parametric modeling. Computers in Industry, 2021, 129, 103460.                     | 9.9 | 1         |
| 13 | USE OF GAMIFICATION TO PERFORM AN INITIAL EVALUATION OF STUDENTS IN THE SUBJECT OF ENGINEERING GRAPHICS. , 2018, , .                                       |     | 1         |
| 14 | EXPERIENCING FLIPPED CLASSROOM METHODOLOGY IN GRAPHIC ENGINEERING TEACHING. , 2021, , .  |     | 1         |
| 15 | Face-based constructive approach in 3D environment to facilitate the interpretation of multiview orthographic projection to future engineers. , 2015, , .  |     | 0         |
| 16 | EFFECTS OF INTRODUCING A PARAMETRIC CAD IN A FIRST YEAR COURSE IN ENGINEERING DEGREE REGARDING QUALITY OF TECHNICAL DRAWINGS. , 2019, , .                  |     | 0         |
| 17 | UP-TO-DATE OPINION OF STUDENTS IN THE SUBJECT OF ENGINEERING GRAPHICS. , 2019, , .   |     | 0         |
| 18 | Training Engineers in the Use of Constraints to Create Quality 2D Profiles for 3D Models. , 0, , .   |     | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | On the Internationalization of CAD Learning Through an English Glossary. Lecture Notes in Mechanical Engineering, 2020, , 330-338.                   | 0.4 | 0         |
| 20 | Training Engineers in the Use of Constraints to Create Quality 2D Profiles for 3D Models. Computer-Aided Design and Applications, 2020, 18, 612-623. | 0.6 | 0         |
| 21 | IMPORTANCE OF CLASSWORK ACTIVITIES IN GRAPHIC EXPRESSION SUBJECT: A CASE STUDY IN ENGINEERING DEGREES. , 2020, , .                                   |     | 0         |