

# Roberta Della Gatta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4023132/publications.pdf>

Version: 2024-02-01

10  
papers

187  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

104  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A novel manufacturing route for integrated 3D-printed composites and cold-sprayed metallic layer. <i>Materials and Manufacturing Processes</i> , 2022, 37, 568-581.   | 4.7 | 4         |
| 2  | Cold spray deposition of metallic coatings on polymers: a review. <i>Journal of Materials Science</i> , 2022, 57, 27-57.  | 3.7 | 17        |
| 3  | Integrating 3D printing of polymer matrix composites and metal additive layer manufacturing: surface metallization of 3D printed composite panels through cold spray deposition of aluminium particles. <i>International Journal of Material Forming</i> , 2022, 15, 1. | 2.0 | 6         |
| 4  | Feasibility of steel powder deposition on composites through cold spray. <i>Materials and Manufacturing Processes</i> , 2021, 36, 281-291.  | 4.7 | 19        |
| 5  | Cold spray process for the production of AlSi10Mg coatings on glass fibers reinforced polymers. <i>Materials and Manufacturing Processes</i> , 2021, 36, 106-121.   | 4.7 | 19        |
| 6  | Selective laser melting of an Al-Si-Mg-Cu alloy: feasibility and processing aspects. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1438-1449.  | 4.7 | 11        |
| 7  | Investigation of exit-hole repairing on dissimilar aluminum-copper friction stir welded joints. <i>Journal of Materials Research and Technology</i> , 2021, 13, 2180-2180.  | 5.8 | 24        |
| 8  | Manufacturing of an innovative composite structure: Design, manufacturing and impact behaviour. <i>Composite Structures</i> , 2020, 250, 112637.  | 5.8 | 20        |
| 9  | Experimental Study of Cold Sprayed Metallic Coatings on Thermoplastic Matrix Composites. <i>Key Engineering Materials</i> , 2019, 813, 68-73.   | 0.4 | 9         |
| 10 | A perspective review on the bonding mechanisms in cold gas dynamic spray. <i>Surface Engineering</i> , 2019, 35, 743-771.   | 2.2 | 58        |