

# Eva Siegmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7763066/publications.pdf>

Version: 2024-02-01

12  
papers

439  
citations

1163117

8  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

366  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Large-scale CFD-DEM simulations of fluidized granular systems. Chemical Engineering Science, 2013, 98, 298-310.  | 3.8 | 188       |
| 2  | Detailed modeling and process design of an advanced continuous powder mixer. International Journal of Pharmaceutics, 2018, 552, 288-300.                   | 5.2 | 62        |
| 3  | Industrial scale simulations of tablet coating using GPU based DEM: A validation study. Chemical Engineering Science, 2019, 202, 462-480.                  | 3.8 | 53        |
| 4  | Impact of impeller design on high-shear wet granulation. Powder Technology, 2016, 295, 261-271.  | 4.2 | 35        |
| 5  | An investigation of the hydrodynamic similarity of single-spout fluidized beds using CFD-DEM simulations. Advanced Powder Technology, 2017, 28, 2465-2481. | 4.1 | 26        |
| 6  | Powder flow and mixing in different tablet press feed frames. Advanced Powder Technology, 2020, 31, 770-781.   | 4.1 | 24        |
| 7  | Efficient Discrete Element Method Simulation Strategy for Analyzing Large-scale Agitated Powder Mixers. Chemie-Ingenieur-Technik, 2017, 89, 995-1005.      | 0.8 | 16        |
| 8  | Continuous mixing technology: Validation of a DEM model. International Journal of Pharmaceutics, 2021, 608, 121065.  | 5.2 | 12        |
| 9  | A64FX performance: experience on Ookami. , 2021, , .   |     | 11        |
| 10 | Ookami: Deployment and Initial Experiences. , 2021, , .  |     | 7         |
| 11 | Experiences with Porting the FLASH Code to Ookami, an HPE Apollo 80 A64FX Platform. , 2022, , .  |     | 4         |
| 12 | Educating HPC Users in the use of advanced computing technology. , 2021, , .   |     | 1         |