

# Alberto Tascón Vegas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2097665/publications.pdf>

Version: 2024-02-01

12  
papers

303  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

217  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Experimental determination of self-heating and self-ignition risks associated with the dusts of agricultural materials commonly stored in silos. <i>Journal of Hazardous Materials</i> , 2010, 175, 920-927. | 12.4 | 74        |
| 2  | Influence of particle size distribution skewness on dust explosibility. <i>Powder Technology</i> , 2018, 338, 438-445.   | 4.2  | 41        |
| 3  | Influence of the composition of solid biomass in the flammability and susceptibility to spontaneous combustion. <i>Fuel</i> , 2016, 184, 503-511.  | 6.4  | 36        |
| 4  | Dust explosions in an experimental test silo: Influence of length/diameter ratio on vent area sizes. <i>Biosystems Engineering</i> , 2016, 148, 18-33.   | 4.3  | 28        |
| 5  | Dust explosions in vented silos: Simulations and comparisons with current standards. <i>Powder Technology</i> , 2011, 208, 717-724.  | 4.2  | 26        |
| 6  | CFD simulations to study parameters affecting dust explosion venting in silos. <i>Powder Technology</i> , 2015, 272, 132-141.  | 4.2  | 24        |
| 7  | Dust explosion venting in silos: A comparison of standards NFPA 68 and EN 14491. <i>Journal of Loss Prevention in the Process Industries</i> , 2009, 22, 204-209.  | 3.3  | 23        |
| 8  | Simulations of vented dust explosions in a 5 m <sup>3</sup> vessel. <i>Powder Technology</i> , 2017, 321, 409-418.   | 4.2  | 23        |
| 9  | Design of silos for dust explosions: Determination of vent area sizes and explosion pressures. <i>Engineering Structures</i> , 2017, 134, 1-10.  | 5.3  | 16        |
| 10 | Systematic layout planning of wineries: the case of Rioja region (Spain). <i>Journal of Agricultural Engineering</i> , 2018, 49, 34-41.  | 1.5  | 7         |
| 11 | Aplicación de la norma EN 14491:2006 a los silos de acero cilíndricos para la protección frente a explosiones de polvo. <i>Informes De La Construcción</i> , 2012, 64, 233-242.                              | 0.3  | 3         |
| 12 | Protocolo para el uso de vehículos aéreos no tripulados en la inspección de edificios agroindustriales. <i>Informes De La Construcción</i> , 2021, 73, e421.   | 0.3  | 2         |