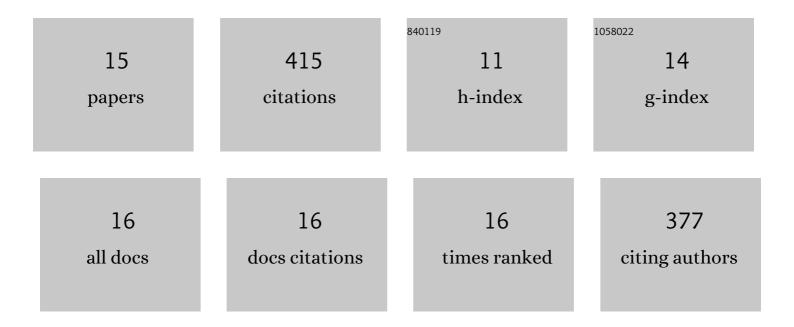
Parmesh J Gajjar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Underlying Asymmetry within Particle Size Segregation. Physical Review Letters, 2015, 114, 238001.	2.9	97
2	Meander formation in supraglacial streams. Journal of Geophysical Research F: Earth Surface, 2013, 118, 1897-1907.	1.0	64
3	Asymmetric flux models for particle-size segregation in granular avalanches. Journal of Fluid Mechanics, 2014, 757, 297-329.	1.4	54
4	Particle-size segregation in dense granular avalanches. Comptes Rendus Physique, 2015, 16, 73-85.	0.3	34
5	Laminography in the lab: imaging planar objects using a conventional x-ray CT scanner. Measurement Science and Technology, 2019, 30, 035401.	1.4	25
6	Asymmetric breaking size-segregation waves in dense granular free-surface flows. Journal of Fluid Mechanics, 2016, 794, 460-505.	1.4	22
7	New software protocols for enabling laboratory based temporal CT. Review of Scientific Instruments, 2018, 89, 093702.	0.6	22
8	3D characterisation of dry powder inhaler formulations: Developing X-ray micro computed tomography approaches. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 151, 32-44.	2.0	22
9	Measuring the Particle Packing of <scp>l</scp> -Glutamic Acid Crystals through X-ray Computed Tomography for Understanding Powder Flow and Consolidation Behavior. Crystal Growth and Design, 2020, 20, 4252-4263.	1.4	16
10	Geometrical and mechanical characterisation of hollow thermoplastic microspheres for syntactic foam applications. Composites Part B: Engineering, 2021, 223, 108952.	5.9	13
11	Initiation and short crack growth behaviour of environmentally induced cracks in AA5083 H131 investigated across time and length scales. Corrosion Reviews, 2019, 37, 469-481.	1.0	12
12	Size segregation of irregular granular materials captured by time-resolved 3D imaging. Scientific Reports, 2021, 11, 8352.	1.6	12
13	Breaking size-segregation waves and mobility feedback in dense granular avalanches. Granular Matter, 2018, 20, 1.	1.1	11
14	Crystallographic tomography and molecular modelling of structured organic polycrystalline powders. CrystEngComm, 2021, 23, 2520-2531.	1.3	8
15	Unlocking secrets of inhalation blends through X-ray Computed Tomography and Microscopy. Microscopy and Microanalysis, 2021, 27, 292-295.	0.2	1