

# Vivek Trivedi

## List of Publications by Citations

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

354

citations

11

h-index

18

g-index

27

ext. papers

446

ext. citations

5

avg, IF

3.61

L-index

#	Paper	IF	Citations
26	In vitro and in silico investigations of drug delivery via zeolite BEA. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 7789		50
25	Preparation of olanzapine and methyl-β-cyclodextrin complexes using a single-step, organic solvent-free supercritical fluid process: An approach to enhance the solubility and dissolution properties. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 494, 408-16	6.5	35
24	Drug loading of foldable commercial intraocular lenses using supercritical impregnation. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 500, 85-99	6.5	33
23	Influence of the preparation method on the physicochemical properties of indomethacin and methyl-β-cyclodextrin complexes. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 479, 381-90	6.5	26
22	Formulation, characterisation and stabilisation of buccal films for paediatric drug delivery of omeprazole. <i>AAPS PharmSciTech</i> , <b>2015</b> , 16, 800-10	3.9	26
21	The thermal and storage stability of bovine haemoglobin by ultraviolet-visible and circular dichroism spectroscopies. <i>Journal of Pharmaceutical Analysis</i> , <b>2016</b> , 6, 242-248	14	24
20	Preparation of polycaprolactone nanoparticles via supercritical carbon dioxide extraction of emulsions. <i>Drug Delivery and Translational Research</i> , <b>2018</b> , 8, 1790-1796	6.2	23
19	Functional physico-chemical, ex vivo permeation and cell viability characterization of omeprazole loaded buccal films for paediatric drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 500, 217-226	6.5	23
18	Encapsulation of water insoluble drugs in mesoporous silica nanoparticles using supercritical carbon dioxide. <i>Journal of Nanomedicine &amp; Nanotechnology</i> , <b>2011</b> , 02,	1.9	22
17	Solid-state flurbiprofen and methyl-β-cyclodextrin inclusion complexes prepared using a single-step, organic solvent-free supercritical fluid process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2016</b> , 104, 164-70	5.7	21
16	Bioactivity, biocompatibility and antimicrobial properties of a chitosan-mineral composite for periodontal tissue regeneration. <i>Polimeros</i> , <b>2015</b> , 25, 311-316	1.6	19
15	Intercalated theophylline-smectite hybrid for pH-mediated delivery. <i>Drug Delivery and Translational Research</i> , <b>2018</b> , 8, 1781-1789	6.2	10
14	Effect of Pressure on the Melting Point of Pluronics in Pressurized Carbon Dioxide. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 10820-10825	3.9	6
13	Conversion of sustained release omeprazole loaded buccal films into fast dissolving strips using supercritical carbon dioxide (scCO <sub>2</sub> ) processing, for potential paediatric drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 93, 45-55	5.1	6
12	Study of the Effect of Pressure on Melting Behavior of Saturated Fatty Acids in Liquid or Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 1861-1866	2.8	5
11	Preparation of Solid Dispersions of Simvastatin and Soluplus Using a Single-Step Organic Solvent-Free Supercritical Fluid Process for the Drug Solubility and Dissolution Rate Enhancement. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	5
10	Advanced Methodologies for Pharmaceutical Salt Synthesis. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 1358-1374	3.74	5

9	Zn <sup>2+</sup> -exchange kinetics and antimicrobial properties of synthetic zirconium umbite (K <sub>2</sub> ZrSi <sub>3</sub> O <sub>9</sub> ·H <sub>2</sub> O). <i>Journal of Porous Materials</i> , <b>2010</b> , 17, 747-753	2.4	3
8	Olanzapine Loaded Nanostructured Lipid Carriers via High Shear Homogenization and Ultrasonication. <i>Scientia Pharmaceutica</i> , <b>2021</b> , 89, 25	4.3	3
7	Mesoporous silica particles as potential carriers for protein drug delivery: protein immobilization and the effect of displacer on IgG release. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 576-586	3.6	2
6	Myristic Acid Coated Protein Immobilised Mesoporous Silica Particles as pH Induced Oral Delivery System for the Delivery of Biomolecules. <i>Pharmaceutics</i> , <b>2019</b> , 12,	5.2	2
5	Continuous tank reactor synthesis of highly substituted sulphobutylether Cyclodextrins. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 862-8	6.5	1
4	Drug-Smectite Clay Amorphous Solid Dispersions Processed by Hot Melt Extrusion. <i>AAPS PharmSciTech</i> , <b>2020</b> , 21, 276	3.9	1
3	Layered Silicate-Alginate Composite Particles for the pH-Mediated Release of Theophylline. <i>Pharmaceutics</i> , <b>2020</b> , 13,	5.2	1
2	Advances in Twin-Screw Granulation Processing. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
1	Ultrahigh nanostructured drug payloads from degradable mesoporous silicon aerocrystals. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 607, 120840	6.5	1