

# Pankaj Karande

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7102039/publications.pdf>

Version: 2024-02-01

19  
papers

696  
citations

1051969

10  
h-index

993246

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1255  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Evaluation of native and non-native biomaterials for engineering human skin tissue. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .   | 3.9  | 8         |
| 2  | Three Dimensional Bioprinting of a Vascularized and Perfusable Skin Graft Using Human Keratinocytes, Fibroblasts, Pericytes, and Endothelial Cells. <i>Tissue Engineering - Part A</i> , 2020, 26, 227-238. | 1.6  | 160       |
| 3  | Purification of proteins using peptide-ELP based affinity precipitation. <i>Journal of Biotechnology</i> , 2020, 309, 59-67.  | 1.9  | 23        |
| 4  | Single-step purification of a small non-mAb biologic by peptide-ELP-based affinity precipitation. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3775-3784.   | 1.7  | 4         |
| 5  | Rational identification and characterisation of peptide ligands for targeting polysialic acid. <i>Scientific Reports</i> , 2020, 10, 7697.  | 1.6  | 1         |
| 6  | Development of phage biopanning strategies to identify affinity peptide ligands for kappa light chain Fab fragments. <i>Biotechnology Progress</i> , 2019, 35, e2884.                                       | 1.3  | 12        |
| 7  | Design of peptide ligands for affinity purification of human growth hormone. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2345-2354.   | 1.6  | 7         |
| 8  | Microarrays for the screening and identification of carbohydrate-binding peptides. <i>Analyst</i> , The, 2019, 144, 7378-7389.  | 1.7  | 5         |
| 9  | Rational design of peptide affinity ligands for the purification of therapeutic enzymes. <i>Biotechnology Progress</i> , 2018, 34, 987-998.   | 1.3  | 6         |
| 10 | Nanofluidic device for continuous multiparameter quality assurance of biologics. <i>Nature Nanotechnology</i> , 2017, 12, 804-812.  | 15.6 | 25        |
| 11 | Introduction to special issue: Bioengineered Therapeutics. The Next Generation of Drug Development. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 4-5.  | 3.9  | 0         |
| 12 | A high-throughput assay for screening modifiers of calcium oxalate crystallization. <i>AIChE Journal</i> , 2016, 62, 3538-3546.   | 1.8  | 12        |
| 13 | Molecular Architecture of the Blood Brain Barrier Tight Junction Proteins—A Synergistic Computational and <i>In Vitro</i> Approach. <i>Journal of Physical Chemistry B</i> , 2016, 120, 77-88.              | 1.2  | 46        |
| 14 | Design of affinity peptides from natural protein ligands: A study of the cardiac troponin complex. <i>Biopolymers</i> , 2014, 102, 97-106.  | 1.2  | 5         |
| 15 | Design of peptide affinity ligands for S-protein: a comparison of combinatorial and de novo design strategies. <i>Molecular Diversity</i> , 2013, 17, 357-369.  | 2.1  | 10        |
| 16 | Development of an immunocompetent human skin tissue model using three dimensional (3D) freeform fabrication. , 2011, , .  |      | 0         |
| 17 | Transcutaneous Immunization: An Overview of Advantages, Disease Targets, Vaccines, and Delivery Technologies. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2010, 1, 175-201.             | 3.3  | 61        |
| 18 | Transcutaneous immunization using common chemicals. <i>Journal of Controlled Release</i> , 2009, 138, 134-140.  | 4.8  | 19        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Enhancement of transdermal drug delivery via synergistic action of chemicals. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 2362-2373. | 1.4 | 287       |