

# Karel L Petrak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6630486/publications.pdf>

Version: 2024-02-01

17  
papers

527  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

667  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Oral lactoferrin inhibits growth of established tumors and potentiates conventional chemotherapy. <i>International Journal of Cancer</i> , 2004, 111, 398-403.   | 5.1  | 121       |
| 2  | Essential properties of drug-targeting delivery systems. <i>Drug Discovery Today</i> , 2005, 10, 1667-1673.  | 6.4  | 110       |
| 3  | Oral Lactoferrin Results in T Cell-Dependent Tumor Inhibition of Head and Neck Squamous Cell Carcinoma In vivo. <i>Clinical Cancer Research</i> , 2007, 13, 1601-1610.   | 7.0  | 94        |
| 4  | Transport of macromolecules across the capillary walls. <i>Advanced Drug Delivery Reviews</i> , 1989, 3, 191-214.  | 13.7 | 37        |
| 5  | Efficiency of drug targeting: steady-state considerations using a three-compartment model. <i>Pharmaceutical Research</i> , 1989, 06, 367-372.   | 3.5  | 33        |
| 6  | Ultrasonic nebulization of cationic lipid-based gene delivery systems for airway administration. <i>Pharmaceutical Research</i> , 1998, 15, 1743-1747.   | 3.5  | 24        |
| 7  | Lactoferrin-enhanced anoikis: A defense against neonatal necrotizing enterocolitis. <i>Medical Hypotheses</i> , 2005, 65, 478-482.   | 1.5  | 22        |
| 8  | Nanotechnology and site-targeted drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006, 17, 1209-1219.   | 3.5  | 22        |
| 9  | The effect of adsorbed coats of poloxamers 237 and 338 on the in vitro aggregation and in vivo distribution of polystyrene latex (PSL) particles. <i>International Journal of Pharmaceutics</i> , 1990, 63, 177-180. | 5.2  | 15        |
| 10 | Preparation of sterically stabilized nanoparticles by desolvation from graft copolymers. <i>Journal of Polymer Science Part A</i> , 1990, 28, 2651-2663.   | 2.3  | 11        |
| 11 | Challenges in Translating from Bench to Bed-Side: Pro-Angiogenic Peptides for Ischemia Treatment. <i>Molecules</i> , 2019, 24, 1219.   | 3.8  | 9         |
| 12 | Compositional analysis by g.l.c. of monomer feed in copolymerization errors due to adsorption of monomer to copolymers. <i>Polymer</i> , 1983, 24, 729-732.  | 3.8  | 7         |
| 13 | Physico-chemical basis of specific interactions involving carbohydrates. <i>Advanced Drug Delivery Reviews</i> , 1994, 13, 211-213.  | 13.7 | 6         |
| 14 | Targeted Drug Delivery-Quo Vadis?. <i>Drug Development Research</i> , 2012, 73, 59-65.   | 2.9  | 6         |
| 15 | R-[N-Acetyl]eglin c:Poly(oxyethylene) Conjugates: Preparation, Plasma Persistence, and Urinary Excretion. <i>Journal of Pharmaceutical Sciences</i> , 1991, 80, 1171-1176.   | 3.3  | 4         |
| 16 | The structure and properties of materials used in advanced drug delivery systems. <i>Bulletin of Materials Science</i> , 1989, 12, 41-47.  | 1.7  | 3         |
| 17 | Precision medicine and drug targeting. , 2018, , 155-166.  |      | 1         |