

# Stefano Salmaso

## List of Publications by Citations

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85  
papers

3,090  
citations

31  
h-index

54  
g-index

92  
ext. papers

3,420  
ext. citations

6.5  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
85	"SMART" drug delivery systems: double-targeted pH-responsive pharmaceutical nanocarriers. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 943-9	6.3	461
84	Stealth properties to improve therapeutic efficacy of drug nanocarriers. <i>Journal of Drug Delivery</i> , <b>2013</b> , 2013, 374252	2.3	208
83	Cell up-take control of gold nanoparticles functionalized with a thermoresponsive polymer. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 1608		109
82	In situ growth of side-chain PEG polymers from functionalized human growth hormone-a new technique for preparation of enhanced protein-polymer conjugates. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 671-8	6.3	95
81	Development and in vivo evaluation of an oral insulin-PEG delivery system. <i>European Journal of Pharmaceutical Sciences</i> , <b>2004</b> , 22, 315-23	5.1	93
80	Cyclodextrin/PEG based hydrogels for multi-drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2007</b> , 345, 42-50	6.5	92
79	Folate-mediated targeting of polymeric conjugates of gemcitabine. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 307, 258-69	6.5	81
78	Nisin-loaded poly-L-lactide nano-particles produced by CO <sub>2</sub> anti-solvent precipitation for sustained antimicrobial activity. <i>International Journal of Pharmaceutics</i> , <b>2004</b> , 287, 163-73	6.5	81
77	Novel folated and non-folated pullulan bioconjugates for anticancer drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 42, 547-58	5.1	71
76	New cyclodextrin bioconjugates for active tumour targeting. <i>Journal of Drug Targeting</i> , <b>2007</b> , 15, 379-90	5.4	71
75	Synthesis and physicochemical characterization of folate-cyclodextrin bioconjugate for active drug delivery. <i>Bioconjugate Chemistry</i> , <b>2003</b> , 14, 899-908	6.3	70
74	Specific antitumor targetable beta-cyclodextrin-poly(ethylene glycol)-folic acid drug delivery bioconjugate. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 997-1004	6.3	68
73	Effective protein release from PEG/PLA nano-particles produced by compressed gas anti-solvent precipitation techniques. <i>Journal of Controlled Release</i> , <b>2004</b> , 94, 195-205	11.7	67
72	Intravital three-dimensional bioprinting. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 901-915	19	65
71	A pH-sensitive stearyl-PEG-poly(methacryloyl sulfadimethoxine)-decorated liposome system for protein delivery: An application for bladder cancer treatment. <i>Journal of Controlled Release</i> , <b>2016</b> , 238, 31-42	11.7	62
70	A comparative study of folate receptor-targeted doxorubicin delivery systems: dosing regimens and therapeutic index. <i>Journal of Controlled Release</i> , <b>2015</b> , 208, 106-20	11.7	61
69	Production of solid lipid submicron particles for protein delivery using a novel supercritical gas-assisted melting atomization process. <i>Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 98, 640-50	3.9	61

68	Synthesis, physico-chemical and biological characterization of a paclitaxel macromolecular prodrug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2004</b> , 58, 151-9	5.7	61
67	Controlled release of biomolecules from temperature-sensitive hydrogels prepared by radiation polymerization. <i>Journal of Controlled Release</i> , <b>2001</b> , 75, 173-81	11.7	60
66	Polymer control of ligand display on gold nanoparticles for multimodal switchable cell targeting. <i>Chemical Communications</i> , <b>2011</b> , 47, 9846-8	5.8	50
65	Enhanced selective sonosensitizing efficacy of ultrasound-based anticancer treatment by targeted gold nanoparticles. <i>Nanomedicine</i> , <b>2016</b> , 11, 3053-3070	5.6	49
64	Triblock Copolymer Nanovesicles for pH-Responsive Targeted Delivery and Controlled Release of siRNA to Cancer Cells. <i>Biomacromolecules</i> , <b>2015</b> , 16, 1924-37	6.9	46
63	Poly(hydroxyethylaspartamide) derivatives as colloidal drug carrier systems. <i>Journal of Controlled Release</i> , <b>2003</b> , 89, 285-95	11.7	45
62	Poly(ethylene glycol)-avidin bioconjugates: suitable candidates for tumor pretargeting. <i>Journal of Controlled Release</i> , <b>2002</b> , 83, 97-108	11.7	44
61	pH-sensitive stearyl-PEG-poly(methacryloyl sulfadimethoxine) decorated liposomes for the delivery of gemcitabine to cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 88, 670-82	5.7	41
60	Self assembling nanocomposites for protein delivery: supramolecular interactions of soluble polymers with protein drugs. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 440, 111-23	6.5	41
59	Targeting glioma cells in vitro with ascorbate-conjugated pharmaceutical nanocarriers. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 2348-55	6.3	40
58	Biopharmaceutical characterisation of insulin and recombinant human growth hormone loaded lipid submicron particles produced by supercritical gas micro-atomisation. <i>International Journal of Pharmaceutics</i> , <b>2009</b> , 379, 51-8	6.5	36
57	Temperature-sensitive hydrogels. <i>American Journal of Drug Delivery</i> , <b>2005</b> , 3, 239-251		34
56	Multi-parametric surface plasmon resonance platform for studying liposome-serum interactions and protein corona formation. <i>Drug Delivery and Translational Research</i> , <b>2017</b> , 7, 228-240	6.2	32
55	Novel pullulan bioconjugate for selective breast cancer bone metastases treatment. <i>Bioconjugate Chemistry</i> , <b>2015</b> , 26, 489-501	6.3	31
54	Synthesis and characterization of variable conformation pH responsive block co-polymers for nucleic acid delivery and targeted cell entry. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1626-1636	4.9	31
53	Curcumin-loaded solid lipid particles by PGSS technology. <i>Journal of Supercritical Fluids</i> , <b>2016</b> , 107, 534-541	4.1	26
52	In vitro and in vivo evaluation of an oral multiple-unit formulation for colonic delivery of insulin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2016</b> , 108, 76-82	5.7	26
51	From Conventional Therapies to Immunotherapy: Melanoma Treatment in Review. <i>Cancers</i> , <b>2020</b> , 12,	6.6	25

50	Site-selective protein glycation and PEGylation. <i>European Polymer Journal</i> , <b>2008</b> , 44, 1378-1389	5.2	24
49	Re-programming pullulan for targeting and controlled release of doxorubicin to the hepatocellular carcinoma cells. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 103, 104-115	5.1	23
48	Production of lipid microparticles containing bioactive molecules functionalized with PEG. <i>Journal of Supercritical Fluids</i> , <b>2010</b> , 54, 328-334	4.2	22
47	Flurbiprofen derivatives in Alzheimer's disease: synthesis, pharmacokinetic and biological assessment of lipoamino acid prodrugs. <i>Bioconjugate Chemistry</i> , <b>2008</b> , 19, 349-57	6.3	22
46	pH-Controlled Liposomes for Enhanced Cell Penetration in Tumor Environment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 17646-17661	9.5	21
45	Absorption and metabolism of resveratrol carboxyesters and methanesulfonate by explanted rat intestinal segments. <i>Cellular Physiology and Biochemistry</i> , <b>2009</b> , 24, 557-66	3.9	21
44	H-NMR metabolomics reveals the Glabrescione B exacerbation of glycolytic metabolism beside the cell growth inhibitory effect in glioma. <i>Cell Communication and Signaling</i> , <b>2019</b> , 17, 108	7.5	20
43	Self-assembling nanocomposites for protein delivery: supramolecular interactions between PEG-cholane and rh-G-CSF. <i>Journal of Controlled Release</i> , <b>2012</b> , 162, 176-84	11.7	20
42	Avidin bioconjugate with a thermoresponsive polymer for biological and pharmaceutical applications. <i>International Journal of Pharmaceutics</i> , <b>2007</b> , 340, 20-8	6.5	20
41	Glycosylated macromolecular conjugates of antiviral drugs with a polyaspartamide. <i>Journal of Drug Targeting</i> , <b>2004</b> , 12, 593-605	5.4	20
40	pH-responsive lipid core micelles for tumour targeting. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 83, 346-57	5.7	19
39	Incorporation of noncoded amino acids into the N-terminal domain 1-47 of hirudin yields a highly potent and selective thrombin inhibitor. <i>Protein Science</i> , <b>1999</b> , 8, 2213-7	6.3	19
38	Control of targeting ligand display by pH-responsive polymers on gold nanoparticles mediates selective entry into cancer cells. <i>Nanoscale</i> , <b>2017</b> , 9, 11137-11147	7.7	18
37	Nanotechnologies in protein delivery. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2006</b> , 6, 2736-53	1.3	18
36	Tailored PEG for rh-G-CSF analogue site-specific conjugation. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 1179-85	6.3	17
35	A novel combined strategy for the physical PEGylation of polypeptides. <i>Journal of Controlled Release</i> , <b>2016</b> , 226, 35-46	11.7	16
34	Doxorubicin coupled to lactosaminated albumin: effect of heterogeneity in drug load on conjugate disposition and hepatocellular carcinoma uptake in rats. <i>European Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 33, 191-8	5.1	15
33	A novel performing PEG-cholane nanoformulation for Amphotericin B delivery. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 41-51	6.5	14

32	Star-like oligo-arginyl-maltotriosyl derivatives as novel cell-penetrating enhancers for the intracellular delivery of colloidal therapeutic systems. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 1415-25	6.3	14
31	Preparation and characterization of active site protected poly(ethylene glycol)-avidin bioconjugates. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2005</b> , 1726, 57-66	4	14
30	Switching of Macromolecular Ligand Display by Thermoresponsive Polymers Mediates Endocytosis of Multiconjugate Nanoparticles. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1030-1046	6.3	13
29	Novel pH-responsive nanovectors for controlled release of ionisable drugs. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 5335-5346	7.3	13
28	pH-responsive poly(4-hydroxybenzoyl methacrylates) Design and engineering of intelligent drug delivery nanovectors. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 4375	4.9	11
27	A novel soluble supramolecular system for sustained rh-GH delivery. <i>Journal of Controlled Release</i> , <b>2014</b> , 194, 168-77	11.7	10
26	Supramolecular Bioconjugates for Protein and Small Drug Delivery. <i>Israel Journal of Chemistry</i> , <b>2010</b> , 50, 160-174	3.4	10
25	Glabrescione B delivery by self-assembling micelles efficiently inhibits tumor growth in preclinical models of Hedgehog-dependent medulloblastoma. <i>Cancer Letters</i> , <b>2021</b> , 499, 220-231	9.9	10
24	Prospects of Replication-Deficient Adenovirus Based Vaccine Development against SARS-CoV-2. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	9
23	Supramolecular association of recombinant human growth hormone with hydrophobized polyhydroxyethylaspartamides. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 68, 656-666	5.7	9
22	Polysaccharide-Based Anticancer Prodrugs <b>2010</b> , 163-219		8
21	In Vitro and in Vivo Behavior of Liposomes Decorated with PEGs with Different Chemical Features. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 472-487	5.6	8
20	Control of Peptide Aggregation and Fibrillation by Physical PEGylation. <i>Biomacromolecules</i> , <b>2018</b> , 19, 3958-3969	6.9	7
19	Oligo-guanidyl targeted bioconjugates forming rod shaped polyplexes as a new nanoplatform for oligonucleotide delivery. <i>Journal of Controlled Release</i> , <b>2019</b> , 310, 58-73	11.7	6
18	pH-sensitive PEG-based micelles for tumor targeting. <i>Journal of Drug Targeting</i> , <b>2011</b> , 19, 303-13	5.4	6
17	Combination Therapy of Novel Oncolytic Adenovirus with Anti-PD1 Resulted in Enhanced Anti-Cancer Effect in Syngeneic Immunocompetent Melanoma Mouse Model. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
16	Novel Oligo-Guanidyl-PEG Carrier Forming Rod-Shaped Polyplexes. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 1678-1693	5.6	4
15	Peptide and Protein Bioconjugation <b>2011</b> , 247-290		4

14	PEG-polyaminoacid based micelles for controlled release of doxorubicin: Rational design, safety and efficacy study. <i>Journal of Controlled Release</i> , <b>2021</b> , 335, 21-37	11.7	4
13	Nanotechnologies in cancer. <i>Journal of Drug Delivery</i> , <b>2013</b> , 2013, 604293	2.3	3
12	Pullulan Based Bioconjugates for Ocular Dexamethasone Delivery. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
11	Polymer Coated Oncolytic Adenovirus to Selectively Target Hepatocellular Carcinoma Cells. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
10	Screening of chemical linkers for development of pullulan bioconjugates for intravitreal ocular applications. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 161, 105785	5.1	3
9	MAN $\alpha$ -2MAN decorated liposomes enhance the immunogenicity induced by a DNA vaccine against BoHV-1. <i>Transboundary and Emerging Diseases</i> , <b>2021</b> , 68, 587-597	4.2	3
8	Doxorubicin liposomes cell penetration enhancement and its potential drawbacks for the tumor targeting efficiency. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 592, 120012	6.5	3
7	Retinal neuroprotection by controlled release of a VCP inhibitor from self-assembled nanoparticles. <i>Journal of Controlled Release</i> , <b>2021</b> , 339, 307-320	11.7	2
6	Physical PEGylation to Prevent Insulin Fibrillation. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 900-910,	9.9	2
5	A Combined Electrochemical-Microfluidic Strategy for the Microscale-Sized Selective Modification of Transparent Conductive Oxides. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1701222	4.6	1
4	Targeted Cyclodextrins <b>2011</b> , 251-273		1
3	Characterization of a Nanovaccine Platform Based on an $\alpha$ ,2-Mannobiose Derivative Shows Species-non-specific Targeting to Human, Bovine, Mouse, and Teleost Fish Dendritic Cells. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 2540-2555	5.6	1
2	Thermosensitive "Smart" Surfaces for Biorecognition Based Cell Adhesion and Controlled Detachment. <i>Macromolecular Bioscience</i> , <b>2021</b> , 21, e2000277	5.5	1
1	Tobramycin-loaded complexes to prevent and disrupt <i>Pseudomonas aeruginosa</i> biofilms. <i>Drug Delivery and Translational Research</i> , <b>2021</b> , 1	6.2	0