

# Anna Scomparin

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,735  
citations

279487

23  
h-index

276539

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Administration, distribution, metabolism and elimination of polymer therapeutics. <i>Journal of Controlled Release</i> , 2012, 161, 446-460.	4.8	262
2	Immunization with mannosylated nanovaccines and inhibition of the immune-suppressing microenvironment sensitizes melanoma to immune checkpoint modulators. <i>Nature Nanotechnology</i> , 2019, 14, 891-901.	15.6	167
3	Nano-sized polymers and liposomes designed to deliver combination therapy for cancer. <i>Current Opinion in Biotechnology</i> , 2013, 24, 682-689.	3.3	100
4	Novel folated and non-folated pullulan bioconjugates for anticancer drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 547-558.	1.9	90
5	Functionalized nanogels carrying an anticancer microRNA for glioblastoma therapy. <i>Journal of Controlled Release</i> , 2016, 239, 159-168.	4.8	81
6	Direct Real-Time Monitoring of Prodrug Activation by Chemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9033-9037.	7.2	80
7	A comparative study of folate receptor-targeted doxorubicin delivery systems: Dosing regimens and therapeutic index. <i>Journal of Controlled Release</i> , 2015, 208, 106-120.	4.8	66
8	Nanoparticle impact on innate immune cell pattern-recognition receptors and inflammasomes activation. <i>Seminars in Immunology</i> , 2017, 34, 3-24.	2.7	66
9	Light emission enhancement by supramolecular complexation of chemiluminescence probes designed for bioimaging. <i>Chemical Science</i> , 2019, 10, 2945-2955.	3.7	60
10	Image-guided surgery using near-infrared Turn-ON fluorescent nanoprobe for precise detection of tumor margins. <i>Theranostics</i> , 2018, 8, 3437-3460.	4.6	58
11	Overcoming obstacles in microRNA delivery towards improved cancer therapy. <i>Drug Delivery and Translational Research</i> , 2014, 4, 38-49.	3.0	54
12	Inflammatory Activation of Astrocytes Facilitates Melanoma Brain Tropism via the CXCL10-CXCR3 Signaling Axis. <i>Cell Reports</i> , 2019, 28, 1785-1798.e6.	2.9	53
13	Co-targeting the tumor endothelium and P-selectin-expressing glioblastoma cells leads to a remarkable therapeutic outcome. <i>ELife</i> , 2017, 6, .	2.8	50
14	Nanotechnology is an important strategy for combinational innovative chemo-immunotherapies against colorectal cancer. <i>Journal of Controlled Release</i> , 2019, 307, 108-138.	4.8	49
15	Achieving successful delivery of oligonucleotides " From physico-chemical characterization to in vivo evaluation. <i>Biotechnology Advances</i> , 2015, 33, 1294-1309.	6.0	39
16	Interfering Cancer with Polymeric siRNA Nanomedicines. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 50-66.	0.5	38
17	Novel Pullulan Bioconjugate for Selective Breast Cancer Bone Metastases Treatment. <i>Bioconjugate Chemistry</i> , 2015, 26, 489-501.	1.8	35
18	Persistent Chemiluminescent Glow of Phenoxyâ€dioxetane Luminophore Enables Unique CRETâ€Based Detection of Proteases. <i>Chemistry - A European Journal</i> , 2019, 25, 14679-14687.	1.7	34

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19	Meet me halfway: Are in vitro 3D cancer models on the way to replace in vivo models for nanomedicine development?. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113760.	6.6	34
20	Nanosponges as protein delivery systems: Insulin, a case study. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119888.	2.6	31
21	Structure-Function Analysis of Immune Checkpoint Receptors to Guide Emerging Anticancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10957-10975.	2.9	30
22	Site-selective protein glycation and PEGylation. <i>European Polymer Journal</i> , 2008, 44, 1378-1389.	2.6	26
23	Two-step polymer- and liposome-enzyme prodrug therapies for cancer: PDEPT and PELT concepts and future perspectives. <i>Advanced Drug Delivery Reviews</i> , 2017, 118, 52-64.	6.6	26
24	Systemic delivery of siRNA by aminated poly( $\hat{\pm}$ )glutamate for the treatment of solid tumors. <i>Journal of Controlled Release</i> , 2017, 257, 132-143.	4.8	24
25	Tailored PEG for rh-G-CSF Analogue Site-Specific Conjugation. <i>Bioconjugate Chemistry</i> , 2009, 20, 1179-1185.	1.8	18
26	Direct Real-Time Monitoring of Prodrug Activation by Chemiluminescence. <i>Angewandte Chemie</i> , 2018, 130, 9171-9175.	1.6	18
27	Structure-Function Correlation of Aminated Poly( $\hat{\pm}$ )glutamate as siRNA Nanocarriers. <i>Biomacromolecules</i> , 2016, 17, 2787-2800.	2.6	14
28	Tagging the Untaggable: A Difluoroalkyl-Sulfinate Ketone-Based Reagent for Direct C-H Functionalization of Bioactive Heteroarenes. <i>Bioconjugate Chemistry</i> , 2016, 27, 1965-1971.	1.8	14
29	Supramolecular Bioconjugates for Protein and Small Drug Delivery. <i>Israel Journal of Chemistry</i> , 2010, 50, 160-174.	1.0	13
30	A novel soluble supramolecular system for sustained rh-GH delivery. <i>Journal of Controlled Release</i> , 2014, 194, 168-177.	4.8	13
31	Amphiphilic poly( $\hat{\pm}$ )glutamate polymeric micelles for systemic administration of siRNA to tumors. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 303-315.	1.7	13
32	Inhibition of Gene Expression and Cancer Cell Migration by CD44v3/6-Targeted Polyion Complexes. <i>Bioconjugate Chemistry</i> , 2016, 27, 947-960.	1.8	11
33	Nanotechnology Addressing Cutaneous Melanoma: The Italian Landscape. <i>Pharmaceutics</i> , 2021, 13, 1617.	2.0	11
34	Oligo-guanidyl targeted bioconjugates forming rod shaped polyplexes as a new nanoplatform for oligonucleotide delivery. <i>Journal of Controlled Release</i> , 2019, 310, 58-73.	4.8	9
35	Rational Design of Polyglutamic Acid Delivering an Optimized Combination of Drugs Targeting Mutated BRAF and MEK in Melanoma. <i>Advanced Therapeutics</i> , 2020, 3, 2000028.	1.6	9
36	Exploring chitosan-shelled nanobubbles to improve HER2+ immunotherapy via dendritic cell targeting. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2007-2018.	3.0	8

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37	HPMA copolymer- $\alpha$ -phospholipase C and dextrin- $\alpha$ -phospholipase A2 as model triggers for polymer enzyme liposome therapy (PELT). <i>Journal of Drug Targeting</i> , 2017, 25, 818-828.	2.1	7
38	Molecular Weight-Dependent Activity of Aminated Poly( $\beta$ -glutamates as siRNA Nanocarriers. <i>Polymers</i> , 2018, 10, 548.	2.0	6
39	Novel Oligo-Guanidyl-PEG Carrier Forming Rod-Shaped Polyplexes. <i>Molecular Pharmaceutics</i> , 2019, 16, 1678-1693.	2.3	6
40	Computer-aided drug design in new druggable targets for the next generation of immune-oncology therapies. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2019, 9, e1397.	6.2	6
41	Lipid-Coated Nanocrystals as a Tool for Improving the Antioxidant Activity of Resveratrol. <i>Antioxidants</i> , 2022, 11, 1007.	2.2	6