Vanna Sanna

List of Publications by Year in descending order

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VANNA SANNA

#	Article	IF	CITATIONS
1	Photothermal Membrane Distillation for Seawater Desalination. Advanced Materials, 2017, 29, 1603504.	21.0	422
2	Targeted therapy using nanotechnology: focus on cancer. International Journal of Nanomedicine, 2014, 9, 467.	6.7	299
3	Graphene-containing thermoresponsive nanocomposite hydrogels of poly(N-isopropylacrylamide) prepared by frontal polymerization. Journal of Materials Chemistry, 2011, 21, 8727.	6.7	201
4	Targeted Biocompatible Nanoparticles for the Delivery of (â^')-Epigallocatechin 3-Gallate to Prostate Cancer Cells. Journal of Medicinal Chemistry, 2011, 54, 1321-1332.	6.4	139
5	Resveratrol-Loaded Nanoparticles Based on Poly(epsilon-caprolactone) and Poly(<scp>d</scp> , <scp>l</scp> -lactic- <i>co</i> -glycolic acid)–Poly(ethylene glycol) Blend for Prostate Cancer Treatment. Molecular Pharmaceutics, 2013, 10, 3871-3881.	4.6	132
6	Resveratrol nanoformulation for cancer prevention and therapy. Annals of the New York Academy of Sciences, 2015, 1348, 20-31.	3.8	131
7	Novel docetaxel-loaded nanoparticles based on poly(lactide-co-caprolactone) and poly(lactide-co-glycolide-co-caprolactone) for prostate cancer treatment: formulation, characterization, and cytotoxicity studies. Nanoscale Research Letters, 2011, 6, 260.	5.7	119
8	Development of novel cationic chitosan- and anionic alginate–coated poly(D,L-lactide-co-glycolide) nanoparticles for controlled release and light protection of resveratrol. International Journal of Nanomedicine, 2012, 7, 5501.	6.7	118
9	Mucoadhesive microspheres for nasal administration of an antiemetic drug, metoclopramide: in-vitro/ex-vivo studiesâ€. Journal of Pharmacy and Pharmacology, 2010, 57, 287-294.	2.4	104
10	Overcoming temperature polarization in membrane distillation by thermoplasmonic effects activated by Ag nanofillers in polymeric membranes. Desalination, 2019, 451, 192-199.	8.2	104
11	Solid lipid nanoparticles (SLN) as carriers for the topical delivery of econazole nitrate: in-vitro characterization, ex-vivo and in-vivo studies. Journal of Pharmacy and Pharmacology, 2010, 59, 1057-1064.	2.4	98
12	Targeted nanoparticles encapsulating (â´')-epigallocatechin-3-gallate for prostate cancer prevention and therapy. Scientific Reports, 2017, 7, 41573.	3.3	91
13	Polymeric Nanoparticles Encapsulating White Tea Extract for Nutraceutical Application. Journal of Agricultural and Food Chemistry, 2015, 63, 2026-2032.	5.2	80
14	Development of Polymeric Microbubbles Targeted to Prostate-Specific Membrane Antigen as Prototype of Novel Ultrasound Contrast Agents. Molecular Pharmaceutics, 2011, 8, 748-757.	4.6	69
15	Single-step green synthesis and characterization of gold-conjugated polyphenol nanoparticles with antioxidant and biological activities. International Journal of Nanomedicine, 2014, 9, 4935.	6.7	66
16	Preparation and in vivo toxicity study of solid lipid microparticles as carrier for pulmonary administration. AAPS PharmSciTech, 2004, 5, 17-23.	3.3	63
17	Nanoparticle therapeutics for prostate cancer treatment. Maturitas, 2012, 73, 27-32.	2.4	62
18	Synthesis and Characterization of Functionally Gradient Materials Obtained by Frontal Polymerization. ACS Applied Materials & Interfaces, 2015, 7, 3600-3606.	8.0	62

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19	Effect of chitosan concentration on PLGA microcapsules for controlled release and stability of resveratrol. International Journal of Biological Macromolecules, 2015, 72, 531-536.	7.5	61
20	Nanoencapsulation of dietary flavonoid fisetin: Formulation and in vitro antioxidant and α-glucosidase inhibition activities. Materials Science and Engineering C, 2016, 68, 594-602.	7.3	59
21	Effect of lipid nanoparticles containing fatty alcohols having different chain length on the ex vivo skin permeability of Econazole nitrate. Powder Technology, 2010, 201, 32-36.	4.2	58
22	Nanoparticle therapeutics for prostate cancer treatment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, S31-S36.	3.3	55
23	Impact of nanotechnology on the delivery of natural products for cancer prevention and therapy. Molecular Nutrition and Food Research, 2016, 60, 1330-1341.	3.3	54
24	Nanoencapsulation of natural triterpenoid celastrol for prostate cancer treatment. International Journal of Nanomedicine, 2015, 10, 6835.	6.7	52
25	Therapeutic Potential of Targeted Nanoparticles and Perspective on Nanotherapies. ACS Medicinal Chemistry Letters, 2020, 11, 1069-1073.	2.8	49
26	Nanoformulation of natural products for prevention and therapy of prostate cancer. Cancer Letters, 2013, 334, 142-151.	7.2	48
27	Multifunctionalization of wool fabrics through nanoparticles: A chemical route towards smart textiles. Journal of Colloid and Interface Science, 2015, 456, 85-92.	9.4	47
28	Targeted Nanoparticles for the Delivery of Novel Bioactive Molecules to Pancreatic Cancer Cells. Journal of Medicinal Chemistry, 2016, 59, 5209-5220.	6.4	39
29	Evaluation of solid lipid microparticles produced by spray congealing for topical application of econazole nitrate. Journal of Pharmacy and Pharmacology, 2010, 61, 559-567.	2.4	37
30	ZnO nanoparticles with high degradation efficiency of organic dyes under sunlight irradiation. Materials Letters, 2016, 162, 257-260.	2.6	37
31	Solid Lipid Microparticles (SLM) Containing Juniper Oil as Anti-Acne Topical Carriers: Preliminary Studies. Pharmaceutical Development and Technology, 2005, 10, 479-487.	2.4	33
32	Virtual Screening and Biological Validation of Novel Influenza Virus PA Endonuclease Inhibitors. ACS Medicinal Chemistry Letters, 2015, 6, 866-871.	2.8	33
33	Development of (â^')-epigallocatechin-3-gallate-loaded folate receptor-targeted nanoparticles for prostate cancer treatment. Nanotechnology Reviews, 2021, 11, 298-311.	5.8	31
34	Development of targeted nanoparticles loaded with antiviral drugs for SARS-CoV-2 inhibition. European Journal of Medicinal Chemistry, 2022, 231, 114121.	5.5	30
35	Design and discovery of novel quinazolinedione-based redox modulators as therapies for pancreatic cancer. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 332-343.	2.4	27
36	Exploring Heteroaryl-pyrazole Carboxylic Acids as Human Carbonic Anhydrase XII Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 941-946.	2.8	23

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37	Effect of wine barrel ageing or <i>sapa</i> addition on total polyphenol content and antioxidant activities of some <scp>I</scp> talian craft beers. International Journal of Food Science and Technology, 2015, 50, 700-707.	2.7	22
38	Synthesis and Evaluation of Different Fatty Acid Esters Formulated into Precirol ATO-Based Lipid Nanoparticles as Vehicles for Topical Delivery. Chemical and Pharmaceutical Bulletin, 2009, 57, 680-684.	1.3	19
39	Double responsive copolymer hydrogels prepared by frontal polymerization. Journal of Polymer Science Part A, 2016, 54, 2166-2170.	2.3	19
40	Effect of Vehicle on Diclofenac Sodium Permeation from New Topical Formulations: In Vitro and In Vivo Studies. Current Drug Delivery, 2009, 6, 93-100.	1.6	17
41	Semiâ€interpenetrating polymer networks of methyl cellulose and polyacrylamide prepared by frontal polymerization. Journal of Polymer Science Part A, 2017, 55, 1268-1274.	2.3	15
42	Inhibitory Effect of 2,3,5,6-Tetrafluoro-4-[4-(aryl)-1H-1,2,3-triazol-1-yl]benzenesulfonamide Derivatives on HIV Reverse Transcriptase Associated RNase H Activities. International Journal of Molecular Sciences, 2016, 17, 1371.	4.1	13
43	Evaluation of solid lipid microparticles produced by spray congealing for topical application of econazole nitrate. Journal of Pharmacy and Pharmacology, 2009, 61, 559-567.	2.4	12
44	Advances in the field of COX-2 inhibition. Expert Opinion on Therapeutic Patents, 2002, 12, 969-989.	5.0	11
45	Study of polymeric nanocomposites prepared by inserting graphene and / or Ag, Au and ZnO nanoparticles in a TEGDA polymer matrix, by means of the use of dielectric spectroscopy. AIP Advances, 2016, 6, .	1.3	11
46	A New Sensitive Reversedâ€phase Highâ€performance Liquid Chromatography Method for the Quantitative Determination of Metoclopramide in Canine Plasma. Analytical Letters, 2008, 41, 767-778.	1.8	10
47	Preparation and interaction study between fullerene and graphene in a polymeric matrix. Composites Science and Technology, 2015, 110, 217-223.	7.8	8
48	Poly(ionic liquid)s derived from 3-octyl-1-vinylimidazolium bromide andN-isopropylacrylamide with tunable properties. Journal of Polymer Science Part A, 2014, 52, n/a-n/a.	2.3	7
49	Development of a Raltegravir-based Photoaffinity-Labeled Probe for Human Immunodeficiency Virus-1 Integrase Capture. ACS Medicinal Chemistry Letters, 2020, 11, 1986-1992.	2.8	7
50	Inhibition of Human Immunodeficiency Virus-1 Integrase by β-Diketo Acid Coated Gold Nanoparticles. ACS Medicinal Chemistry Letters, 2020, 11, 857-861.	2.8	7
51	Thiosemicarbazone nano-formulation for the control of Aspergillus flavus. Environmental Science and Pollution Research, 2020, 27, 20125-20135.	5.3	6
52	Bilayer Tablets Based on Poly (ε aprolactone) and Polymethylmethacrilates as Controlledâ€Release Systems for Ruminants. Pharmaceutical Development and Technology, 2005, 9, 321-328.	2.4	4
53	Design and synthesis of novel polycycles based on the 3 <i>H</i> â€pyrrolo/6,7â€dihydropyrido[1,2â€ <i>a</i>]indole scaffold as templates for pharmaceutical development. Journal of Heterocyclic Chemistry, 2011, 48, 1161-1168.	2.6	3
54	Synthesis and characterization of new polydiolcitrates with tunable properties. Journal of Polymer Science Part A, 2016, 54, 3713-3720.	2.3	2

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55	DNA Binders: 2. Molecular Recognition of DNA by 2,3,6,7-tetrahydro-1Hpyrrolo[1,2-a]indole-1,8(5H)-dione bis(4,5-dihydro-1H-imidazol-2-ylhydrazone) as a Prototype of "Two-Armed" Intercalating Agents. Letters in Drug Design and Discovery, 2009, 6, 246-251.	0.7	2