

Vanna Sanna

List of Publications by Year in descending order

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55
papers

3,328
citations

147786

31
h-index

155644

55
g-index

57
all docs

57
docs citations

57
times ranked

5766
citing authors

#	ARTICLE	IF	CITATIONS
1	Photothermal Membrane Distillation for Seawater Desalination. <i>Advanced Materials</i> , 2017, 29, 1603504.	21.0	422
2	Targeted therapy using nanotechnology: focus on cancer. <i>International Journal of Nanomedicine</i> , 2014, 9, 467.	6.7	299
3	Graphene-containing thermoresponsive nanocomposite hydrogels of poly(N-isopropylacrylamide) prepared by frontal polymerization. <i>Journal of Materials Chemistry</i> , 2011, 21, 8727.	6.7	201
4	Targeted Biocompatible Nanoparticles for the Delivery of (âˆ™)-Epigallocatechin 3-Gallate to Prostate Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1321-1332.	6.4	139
5	Resveratrol-Loaded Nanoparticles Based on Poly(epsilon-caprolactone) and Poly(D,L-lactide-co-glycolic acid)â€™Poly(ethylene glycol) Blend for Prostate Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2013, 10, 3871-3881.	4.6	132
6	Resveratrol nanoformulation for cancer prevention and therapy. <i>Annals of the New York Academy of Sciences</i> , 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. <i>Nanoscale Research Letters</i> , 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. <i>International Journal of Nanomedicine</i> , 2012, 7, 5501.	6.7	118
9	Mucoadhesive microspheres for nasal administration of an antiemetic drug, metoclopramide: in-vitro/ex-vivo studiesâ€™. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 287-294.	2.4	104
10	Overcoming temperature polarization in membrane distillation by thermoplasmonic effects activated by Ag nanofillers in polymeric membranes. <i>Desalination</i> , 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. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1057-1064.	2.4	98
12	Targeted nanoparticles encapsulating (âˆ™)-epigallocatechin-3-gallate for prostate cancer prevention and therapy. <i>Scientific Reports</i> , 2017, 7, 41573.	3.3	91
13	Polymeric Nanoparticles Encapsulating White Tea Extract for Nutraceutical Application. <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Molecular Pharmaceutics</i> , 2011, 8, 748-757.	4.6	69
15	Single-step green synthesis and characterization of gold-conjugated polyphenol nanoparticles with antioxidant and biological activities. <i>International Journal of Nanomedicine</i> , 2014, 9, 4935.	6.7	66
16	Preparation and in vivo toxicity study of solid lipid microparticles as carrier for pulmonary administration. <i>AAPS PharmSciTech</i> , 2004, 5, 17-23.	3.3	63
17	Nanoparticle therapeutics for prostate cancer treatment. <i>Maturitas</i> , 2012, 73, 27-32.	2.4	62
18	Synthesis and Characterization of Functionally Gradient Materials Obtained by Frontal Polymerization. <i>ACS Applied Materials & Interfaces</i> , 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. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 531-536.	7.5	61
20	Nanoencapsulation of dietary flavonoid fisetin: Formulation and in vitro antioxidant and α -glucosidase inhibition activities. <i>Materials Science and Engineering C</i> , 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. <i>Powder Technology</i> , 2010, 201, 32-36.	4.2	58
22	Nanoparticle therapeutics for prostate cancer treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, S31-S36.	3.3	55
23	Impact of nanotechnology on the delivery of natural products for cancer prevention and therapy. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1330-1341.	3.3	54
24	Nanoencapsulation of natural triterpenoid celastrol for prostate cancer treatment. <i>International Journal of Nanomedicine</i> , 2015, 10, 6835.	6.7	52
25	Therapeutic Potential of Targeted Nanoparticles and Perspective on Nanotherapies. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1069-1073.	2.8	49
26	Nanoformulation of natural products for prevention and therapy of prostate cancer. <i>Cancer Letters</i> , 2013, 334, 142-151.	7.2	48
27	Multifunctionalization of wool fabrics through nanoparticles: A chemical route towards smart textiles. <i>Journal of Colloid and Interface Science</i> , 2015, 456, 85-92.	9.4	47
28	Targeted Nanoparticles for the Delivery of Novel Bioactive Molecules to Pancreatic Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5209-5220.	6.4	39
29	Evaluation of solid lipid microparticles produced by spray congealing for topical application of econazole nitrate. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 559-567.	2.4	37
30	ZnO nanoparticles with high degradation efficiency of organic dyes under sunlight irradiation. <i>Materials Letters</i> , 2016, 162, 257-260.	2.6	37
31	Solid Lipid Microparticles (SLM) Containing Juniper Oil as Anti-Acne Topical Carriers: Preliminary Studies. <i>Pharmaceutical Development and Technology</i> , 2005, 10, 479-487.	2.4	33
32	Virtual Screening and Biological Validation of Novel Influenza Virus PA Endonuclease Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 866-871.	2.8	33
33	Development of (α)-epigallocatechin-3-gallate-loaded folate receptor-targeted nanoparticles for prostate cancer treatment. <i>Nanotechnology Reviews</i> , 2021, 11, 298-311.	5.8	31
34	Development of targeted nanoparticles loaded with antiviral drugs for SARS-CoV-2 inhibition. <i>European Journal of Medicinal Chemistry</i> , 2022, 231, 114121.	5.5	30
35	Design and discovery of novel quinazolinone-based redox modulators as therapies for pancreatic cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 332-343.	2.4	27
36	Exploring Heteroaryl-pyrazole Carboxylic Acids as Human Carbonic Anhydrase XII Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 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 Italian craft beers. <i>International Journal of Food Science and Technology</i> , 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. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 680-684.	1.3	19
39	Double responsive copolymer hydrogels prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 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. <i>Current Drug Delivery</i> , 2009, 6, 93-100.	1.6	17
41	Semi-interpenetrating polymer networks of methyl cellulose and polyacrylamide prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 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. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1371.	4.1	13
43	Evaluation of solid lipid microparticles produced by spray congealing for topical application of econazole nitrate. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 559-567.	2.4	12
44	Advances in the field of COX-2 inhibition. <i>Expert Opinion on Therapeutic Patents</i> , 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. <i>AIP Advances</i> , 2016, 6, .	1.3	11
46	A New Sensitive Reversed-phase High-performance Liquid Chromatography Method for the Quantitative Determination of Metoclopramide in Canine Plasma. <i>Analytical Letters</i> , 2008, 41, 767-778.	1.8	10
47	Preparation and interaction study between fullerene and graphene in a polymeric matrix. <i>Composites Science and Technology</i> , 2015, 110, 217-223.	7.8	8
48	Poly(ionic liquid)s derived from 3-octyl-1-vinylimidazolium bromide and N-isopropylacrylamide with tunable properties. <i>Journal of Polymer Science Part A</i> , 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. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1986-1992.	2.8	7
50	Inhibition of Human Immunodeficiency Virus-1 Integrase by β^2 -Diketo Acid Coated Gold Nanoparticles. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 857-861.	2.8	7
51	Thiosemicarbazone nano-formulation for the control of <i>Aspergillus flavus</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 20125-20135.	5.3	6
52	Bilayer Tablets Based on Poly(ϵ -Caprolactone) and Polymethylmethacrilates as Controlled-Release Systems for Ruminants. <i>Pharmaceutical Development and Technology</i> , 2005, 9, 321-328.	2.4	4
53	Design and synthesis of novel polycycles based on the 3-H-pyrrolo[6,7-dihydro]pyrido[1,2-a]indole scaffold as templates for pharmaceutical development. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1161-1168.	2.6	3
54	Synthesis and characterization of new polydiolcitrate with tunable properties. <i>Journal of Polymer Science Part A</i> , 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