Sridhar Radhakrishnan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4822053/publications.pdf

Version: 2024-02-01

43	2,648	236833	276775
papers	citations	25 h-index	41 g-index

47	47	47	4703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antifungal properties of lecithin- and terbinafine-loaded electrospun poly(Îµ-caprolactone) nanofibres. RSC Advances, 2016, 6, 41130-41141.	1.7	15
2	Cellulose Acetate-Poly(N-isopropylacrylamide)-Based Functional Surfaces with Temperature-Triggered Switchable Wettability. Macromolecular Rapid Communications, 2015, 36, 1368-1373.	2.0	26
3	Dihydropyrrolopyrazol-6-one MCHR1 antagonists for the treatment of obesity: Insights on in vivo efficacy from a novel FLIPR assay setup. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2793-2799.	1.0	6
4	Cardiogenic differentiation of mesenchymal stem cells with gold nanoparticle loaded functionalized nanofibers. Colloids and Surfaces B: Biointerfaces, 2015, 134, 346-354.	2.5	85
5	Non-basic azolotriazinone MCHR1 antagonists for the treatment of obesity: An empirical brain-exposures-driven candidate selection for in vivo efficacy studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4412-4418.	1.0	10
6	Breathable Medicine: Pulmonary Mode of Drug Delivery. Journal of Nanoscience and Nanotechnology, 2015, 15, 2591-2604.	0.9	17
7	Electrosprayed nanoparticles and electrospun nanofibers based on natural materials: applications in tissue regeneration, drug delivery and pharmaceuticals. Chemical Society Reviews, 2015, 44, 790-814.	18.7	438
8	Medical devices regulatory aspects: a special focus on polymeric material based devices. Current Pharmaceutical Design, 2015, 21, 6246-6259.	0.9	7
9	Interaction of gelatin with polyenes modulates antifungal activity and biocompatibility of electrospun fiber mats. International Journal of Nanomedicine, 2014, 9, 2439.	3.3	68
10	Gold Nanoparticle Loaded Hybrid Nanofibers for Cardiogenic Differentiation of Stem Cells for Infarcted Myocardium Regeneration. Macromolecular Bioscience, 2014, 14, 515-525.	2.1	102
11	Green Processing Mediated Novel Polyelectrolyte Nanofibers and Their Antimicrobial Evaluation. Macromolecular Materials and Engineering, 2014, 299, 283-289.	1.7	25
12	One-step fabrication of robust and optically transparent slippery coatings. RSC Advances, 2014, 4, 55263-55270.	1.7	18
13	Curcumin- and natural extract-loaded nanofibres for potential treatment of lung and breast cancer:in vitroefficacy evaluation. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 985-998.	1.9	72
14	Review: the characterization of electrospun nanofibrous liquid filtration membranes. Journal of Materials Science, 2014, 49, 6143-6159.	1.7	85
15	Cross-linking of protein scaffolds for therapeutic applications: PCL nanofibers delivering riboflavin for protein cross-linking. Journal of Materials Chemistry B, 2014, 2, 1626-1633.	2.9	29
16	Mimicking Native Extracellular Matrix with Phytic Acidâ€Crosslinked Protein Nanofibers for Cardiac Tissue Engineering. Macromolecular Bioscience, 2013, 13, 366-375.	2.1	59
17	Electrospun inorganic and polymer composite nanofibers for biomedical applications. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 365-385.	1.9	64
18	Expression of cardiac proteins in neonatal cardiomyocytes on PGS/fibrinogen core/shell substrate for Cardiac tissue engineering. International Journal of Cardiology, 2013, 167, 1461-1468.	0.8	81

#	Article	IF	Citations
19	Xylan polysaccharides fabricated into nanofibrous substrate for myocardial infarction. Materials Science and Engineering C, 2013, 33, 1325-1331.	3.8	36
20	Nanofibrous structured biomimetic strategies for skin tissue regeneration. Wound Repair and Regeneration, 2013, 21, 1-16.	1.5	149
21	Vitamin B12 loaded polycaprolactone nanofibers: A novel transdermal route for the water soluble energy supplement delivery. International Journal of Pharmaceutics, 2013, 444, 70-76.	2.6	101
22	Electrosprayed nanoparticles for drug delivery and pharmaceutical applications. Biomatter, 2013, 3, .	2.6	126
23	Biomimetic composites and stem cells interaction for bone and cartilage tissue regeneration. Journal of Materials Chemistry, 2012, 22, 5239.	6.7	44
24	Electrospun composite nanofibers and their multifaceted applications. Journal of Materials Chemistry, 2012, 22, 12953.	6.7	267
25	Minimally invasive injectable short nanofibers of poly(glycerol sebacate) for cardiac tissue engineering. Nanotechnology, 2012, 23, 385102.	1.3	92
26	Composite poly-l-lactic acid/poly-(Î±,Î²)-dl-aspartic acid/collagen nanofibrous scaffolds for dermal tissue regeneration. Materials Science and Engineering C, 2012, 32, 1443-1451.	3.8	36
27	Antimicrobial and antioxidant activity evaluation of tetrazolo[1,5-a]pyrimidines: A simple diisopropylammonium trifluoroacetate mediated synthesis. RSC Advances, 2012, 2, 11657.	1.7	29
28	Polysaccharide nanofibrous scaffolds as a model for in vitro skin tissue regeneration. Journal of Materials Science: Materials in Medicine, 2012, 23, 1511-1519.	1.7	46
29	Ammonium Trifluoroacetate-Mediated Synthesis of 3,4-dihydropyrimidin-2(1H)-ones. ISRN Organic Chemistry, 2011, 2011, 1-5.	1.0	7
30	Chiral shift reagent catalyzed, diastereoselective imino DielsÂ–Alder reaction Â— Synthesis of pyrazolyltetrahydroquinolines. Canadian Journal of Chemistry, 2006, 84, 464-468.	0.6	2
31	Selective synthesis of some 4,5-dihydro-2H-benzo[g]indazoles and 8,9-dihydro-2H-benzo[e]indazoles via the vilsmeier-haack reaction under thermal and microwave assisted conditions. Journal of Heterocyclic Chemistry, 2006, 43, 389-394.	1.4	16
32	Design, Synthesis and anti-Microbial Activity of 1H-Pyrazole Carboxylates.. ChemInform, 2005, 36, no.	0.1	1
33	A New Protocol to Synthesize 1,4-Dihydropyridines by Using 3,4,5-Trifluorobenzeneboronic Acid as a Catalyst in Ionic Liquid: Synthesis of Novel 4-(3-Carboxyl-1H-pyrazol-4-yl)-1,4-dihydropyridines.. ChemInform, 2005, 36, no.	0.1	0
34	A new protocol to synthesize 1,4-dihydropyridines by using 3,4,5-trifluorobenzeneboronic acid as a catalyst in ionic liquid: synthesis of novel 4-(3-carboxyl-1H-pyrazol-4-yl)-1,4-dihydropyridines. Tetrahedron, 2005, 61, 2465-2470.	1.0	181
35	An efficient synthesis of 1â€‹i>H</i>â€pyrazoleâ€4â€carboxylic acid esters with vilsmeier reagent under neat conditions. Journal of Heterocyclic Chemistry, 2004, 41, 405-408.	1.4	11
36	A Novel Method for the Synthesis of 2(3H)-Benzimidazolones, 2(3H)-Benzoxazolone, and 2(3H)-Benzothiazolone via in situ Generated ortho Substituted Benzoic Acid Azides: Application of Ammonium Azide and Vilsmeier Complex for Acid Azide Generation.. ChemInform, 2004, 35, no.	0.1	0

#	Article	IF	Citations
37	Design, synthesis and anti-microbial activity of 1H-pyrazole carboxylates. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 6035-6040.	1.0	181
38	A Novel Method for the Synthesis of 2(3H)â€Benzimidazolones, 2(3H)â€Benzoxazolone, and 2(3H)â€Benzothiazolone via In Situ Generated Ortho Substituted Benzoic Acid Azides: Application of Ammonium Azide and Vilsmeier Complex for Acid Azide Generation. Synthetic Communications, 2004, 34, 735-742.	1.1	13
39	Synthesis of Acyl Azides Using the Vilsmeier Complex.. ChemInform, 2003, 34, no.	0.1	0
40	Synthesis of Novel 1-H-Pyrazole-4-carboxylic Acid Esters by Conventional and Microwave Assisted Vilsmeier Cyclization of Hydrazones.. ChemInform, 2003, 34, no.	0.1	0
41	Ethyl 3-methyl-1-(2,4-dinitrophenyl)-1H-pyrazole-4-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1835-o1837.	0.2	1
42	Synthesis of Novel 1-H-Pyrazole-4-carboxylic Acid Esters by Conventional and Microwave Assisted Vilsmeier Cyclization of Hydrazones. Synthetic Communications, 2003, 33, 1483-1488.	1.1	48
43	Synthesis of Acyl Azides Using the Vilsmeier Complex. Synthetic Communications, 2003, 33, 607-611.	1.1	11