

Elena Reddi

List of Publications by Year in descending order

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64
papers

2,946
citations

126907

33
h-index

168389

53
g-index

64
all docs

64
docs citations

64
times ranked

3331
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable nanoparticles combining cancer cell targeting and anti-angiogenic activity for synergistic chemotherapy in epithelial cancer. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2488-2500.	5.8	4
2	Doxorubicin-NO Releaser Molecular Hybrid Activatable by Green Light to Overcome Resistance in Breast Cancer Cells. <i>ACS Omega</i> , 2022, 7, 7452-7459.	3.5	5
3	A generator of peroxyxynitrite activatable with red light. <i>Chemical Science</i> , 2021, 12, 4740-4746.	7.4	15
4	Keratin nanoparticles and photodynamic therapy enhance the anticancer stem cells activity of salinomycin. <i>Materials Science and Engineering C</i> , 2021, 122, 111899.	7.3	8
5	CD44 Targeting Mediated by Polymeric Nanoparticles and Combination of Chlorine TPCS2a-PDT and Docetaxel-Chemotherapy for Efficient Killing of Breast Differentiated and Stem Cancer Cells In Vitro. <i>Cancers</i> , 2020, 12, 278.	3.7	45
6	Keratin nanoparticles co-delivering Docetaxel and Chlorin e6 promote synergic interaction between chemo- and photo-dynamic therapies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 199, 111598.	3.8	27
7	Biodegradable nanoparticles exposing a short anti-FLT1 peptide as antiangiogenic platform to complement docetaxel anticancer activity. <i>Materials Science and Engineering C</i> , 2019, 102, 876-886.	7.3	17
8	Shedding light on surface exposition of poly(ethylene glycol) and folate targeting units on nanoparticles of poly(μ -caprolactone) diblock copolymers: Beyond a paradigm. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 177-185.	4.0	12
9	Co-delivery of Docetaxel and Disulfonate Tetraphenyl Chlorin in One Nanoparticle Produces Strong Synergism between Chemo- and Photodynamic Therapy in Drug-Sensitive and -Resistant Cancer Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 4599-4611.	4.6	28
10	Strategies for optimizing the delivery to tumors of macrocyclic photosensitizers used in photodynamic therapy (PDT). <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 239-256.	0.8	68
11	Pluronic [®] P123/F127 mixed micelles delivering sorafenib and its combination with verteporfin in cancer cells. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4479-4494.	6.7	53
12	Uptake and photo-toxicity of Foscan [®] , Foslip [®] and Fospeg [®] in multicellular tumor spheroids. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 244-252.	3.8	60
13	Cyclodextrin-assisted assembly of PEGylated polyester nanoparticles decorated with folate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 148-157.	5.0	19
14	A Comparative Study on Two Cationic Porphycenes: Photophysical and Antimicrobial Photoinactivation Evaluation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27072-27086.	4.1	26
15	Conjugation of photosensitisers to antimicrobial peptides increases the efficiency of photodynamic therapy in cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1238-1250.	2.9	20
16	Hyaluronan-decorated polymer nanoparticles targeting the CD44 receptor for the combined photo/chemo-therapy of cancer. <i>Nanoscale</i> , 2015, 7, 5643-5653.	5.6	70
17	PEGylation of ORMOSIL nanoparticles differently modulates the in vitro toxicity toward human lung cells. <i>Archives of Toxicology</i> , 2015, 89, 607-620.	4.2	17
18	Synthesis, Spectroscopic, and Photophysical Characterization and Photosensitizing Activity toward Prokaryotic and Eukaryotic Cells of Porphyrin-Magainin and -Bofurin Conjugates. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1403-1415.	6.4	51

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19	Synthesis, Characterization, and Photoinduced Antibacterial Activity of Porphyrin-Type Photosensitizers Conjugated to the Antimicrobial Peptide Apidaecin 1b. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1052-1063.	6.4	97
20	Folate-targeted PEGylated liposomes improve the selectivity of PDT with meta-tetra(hydroxyphenyl)-chlorin (m-THPC). <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 823-834.	2.9	46
21	Targeted delivery of photosensitizers: efficacy and selectivity issues revealed by multifunctional ORMOSIL nanovectors in cellular systems. <i>Nanoscale</i> , 2013, 5, 6106.	5.6	30
22	<i>In vitro</i> and <i>in vivo</i> characterization of temoporfin-loaded PEGylated PLGA nanoparticles for use in photodynamic therapy. <i>Nanomedicine</i> , 2012, 7, 663-677.	3.3	65
23	Molecular targets of antimicrobial photodynamic therapy identified by a proteomic approach. <i>Journal of Proteomics</i> , 2012, 77, 329-343.	2.4	88
24	Meta-tetra(hydroxyphenyl)chlorin-loaded liposomes sterically stabilised with poly(ethylene glycol) of different length and density: characterisation, <i>in vitro</i> cellular uptake and phototoxicity. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1751.	2.9	28
25	Porphyrin-Apidaecin Conjugate as a New Broad Spectrum Antibacterial Agent. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 35-38.	2.8	51
26	Highly PEGylated silica nanoparticles: "ready to use" stealth functional nanocarriers. <i>Journal of Materials Chemistry</i> , 2010, 20, 2780.	6.7	53
27	The cellular uptake of meta-tetra(hydroxyphenyl)chlorin entrapped in organically modified silica nanoparticles is mediated by serum proteins. <i>Nanotechnology</i> , 2009, 20, 345101.	2.6	49
28	Substitution of the Arginine/Leucine Residues in Apidaecin 1b with Peptoid Residues: Effect on Antimicrobial Activity, Cellular Uptake, and Proteolytic Degradation. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5197-5206.	6.4	35
29	Photophysical Properties and Antibacterial Activity of Meso-substituted Cationic Porphyrins. <i>Photochemistry and Photobiology</i> , 2007, 75, 462-470.	2.5	5
30	Low doses of cisplatin or gemcitabine plus Photofrin/photodynamic therapy: Disjointed cell cycle phase-related activity accounts for synergistic outcome in metastatic non-small cell lung cancer cells (H1299). <i>Molecular Cancer Therapeutics</i> , 2006, 5, 776-785.	4.1	73
31	Mechanism of Action of 4-Hydroxymethyl-1,6,8-trimethylfuro[2,3-h]quinolin-2(1H)-one, a Very Active Angular Furocoumarin-like Sensitizer. <i>Photochemistry and Photobiology</i> , 2005, 81, 1371.	2.5	1
32	Meso-substituted tetra-cationic porphyrins photosensitize the death of human fibrosarcoma cells via lysosomal targeting. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 306-319.	2.8	59
33	Mitochondria and plasma membrane as targets of UVA-induced toxicity of neuroleptic drugs fluphenazine, perphenazine and thioridazine. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 901-908.	2.8	16
34	Photophysical Properties and Antibacterial Activity of Meso-substituted Cationic Porphyrins. <i>Photochemistry and Photobiology</i> , 2002, 75, 462.	2.5	183
35	Photophysical, photochemical and antibacterial photosensitizing properties of a novel octacationic Zn(ii)-phthalocyanine. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 641-648.	2.9	128
36	Low-density lipoprotein receptors in the uptake of tumour photosensitizers by human and rat transformed fibroblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 10-23.	2.8	100

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37	Skin-photosensitizing properties of Zn(II)-2(3), 9(10), 16(17), 23(24)-tetrakis-(4-oxy-N-methylpiperidinyl) phthalocyanine topically administered to mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 55, 128-137.	3.8	16
38	Polylysine- ϵ -porphycene conjugates as efficient photosensitizers for the inactivation of microbial pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 59, 152-158.	3.8	78
39	Steady-state and time-resolved spectroscopic studies on low-density lipoprotein-bound Zn(II)-phthalocyanine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 49, 198-203.	3.8	10
40	Photothermal sensitization of amelanotic melanoma cells by Ni(II)-octabutoxy-naphthalocyanine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999, 53, 103-109.	3.8	37
41	Photosensitization of Wild and Mutant Strains of <i>Escherichia coli</i> by meso-Tetra (N-methyl-4-pyridyl)porphine. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 84-88.	2.1	71
42	Photosensitization of cells with different metastatic potentials by liposome-delivered Zn(II)-phthalocyanine. , 1998, 75, 412-417.		21
43	Role of delivery vehicles for photosensitizers in the photodynamic therapy of tumours. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 37, 189-195.	3.8	123
44	Pharmacokinetic and phototherapeutic properties of axially substituted Si(IV)-tetradibenzobarreleno-octabutoxyphthalocyanines. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 40, 163-167.	3.8	8
45	Effect of chemical structure and hydrophobicity on the pharmacokinetic properties of porphycenes in tumour-bearing mice. , 1997, 72, 329-336.		17
46	Interaction of hydro- or lipophilic phthalocyanines with cells of different metastatic potential. <i>Biochemical Pharmacology</i> , 1996, 51, 585-590.	4.4	12
47	The effect of different liposomal formulations on the interaction of Zn(II)-phthalocyanine with isolated low and high density lipoproteins. <i>International Journal of Biochemistry and Cell Biology</i> , 1995, 27, 1249-1255.	2.8	23
48	The role of lipoproteins in the delivery of tumour-targeting photosensitizers. <i>International Journal of Biochemistry & Cell Biology</i> , 1993, 25, 1369-1375.	0.5	170
49	Effect of extracellularly generated singlet oxygen on Gram-positive and Gram-negative bacteria. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 21, 81-86.	3.8	78
50	The Photochemistry of Carotenoids: Some Photosynthetic and Photomedical Aspects. <i>Annals of the New York Academy of Sciences</i> , 1993, 691, 32-47.	3.8	26
51	Steady state and time-resolved spectroscopic studies on zinc(II) phthalocyanine in liposomes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 16, 331-340.	3.8	34
52	Photochemical and photosensitizing properties of monomeric and dimeric Sn(IV)-protoporphyrin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1991, 8, 159-167.	3.8	10
53	STUDIES ON THE MECHANISM OF THE HEMATOPORPHYRIN-SENSITIZED PHOTOOXIDATION OF 1,3-DIPHENYLISOBENZOFURAN IN ETHANOL AND UNILAMELLAR LIPOSOMES. <i>Photochemistry and Photobiology</i> , 1991, 54, 633-637.	2.5	20
54	<title>Phthalocyanines as phototherapeutic agents for tumors</title>. , 1991, , .		1

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55	Second Generation Photosensitizers for the Photodynamic Therapy of Tumours. , 1991, , 253-266.		12
56	Bronze Baby Syndrome: An Animal Model. Pediatric Research, 1990, 27, 22-25.	2.3	15
57	Steady-state and time-resolved spectroscopic studies of photodynamic sensitizers: Porphyrins and phthalocyanines. Reviews of Chemical Intermediates, 1988, 10, 241-268.	1.1	97
58	THE PRODUCTION OF SINGLET MOLECULAR OXYGEN BY ZINC(II) PHTHALOCYANINE IN ETHANOL AND IN UNILAMELLAR VESICLES. CHEMICAL QUENCHING AND PHOSPHORESCENCE STUDIES. Photochemistry and Photobiology, 1988, 48, 1-5.	2.5	111
59	Spectroscopic studies on Zn(II)-phthalocyanine in homogeneous and microheterogeneous systems. Journal of Inorganic Biochemistry, 1987, 29, 59-65.	3.5	57
60	ULTRASTRUCTURAL STUDIES ON THE MECHANISM OF THE PHOTODYNAMIC THERAPY OF TUMORS. Photochemistry and Photobiology, 1987, 46, 675-681.	2.5	51
61	THE EFFECT OF MEDIUM POLARITY ON THE HEMATOPORPHYRIN-SENSITIZED PHOTOOXIDATION OF TRYPTOPHAN. Photochemistry and Photobiology, 1984, 40, 415-421.	2.5	62
62	Bronze Baby Syndrome: a New Porphyrin-Related Disorder. Pediatric Research, 1983, 17, 327-330.	2.3	62
63	Factors Governing the Mechanism and Efficiency of Porphyrin-Sensitized Photooxidations in Homogeneous Solutions and Organized Media. Advances in Experimental Medicine and Biology, 1983, 160, 193-212.	1.6	15
64	INTERACTION OF HUMAN SERUM ALBUMIN WITH HEMATOPORPHYRIN AND ITS ZN ²⁺ AND FE ³⁺ -DERIVATIVES. International Journal of Peptide and Protein Research, 1981, 18, 402-408.	0.1	57