

Kaisar Raza

List of Publications by Year in descending order

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131
papers

3,230
citations

125106

35
h-index

198040

52
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135
all docs

135
docs citations

135
times ranked

3811
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium-Based Novel Epigenetic Regulators Offer Effective Chemotherapeutic Alternative with Wider Safety Margins in Experimental Colorectal Cancer. <i>Biological Trace Element Research</i> , 2022, 200, 635-646.	1.9	9
2	Lipid-based Nanocarriers Loaded with Taxanes for the Management of Breast Cancer: Promises and Challenges. <i>Current Drug Targets</i> , 2022, 23, 544-558.	1.0	5
3	Biodegradable self-assembled nanocarriers as the drug delivery vehicles. , 2022, , 293-325.		1
4	Dual Delivery of Fluticasone Propionate and Levocetirizine Dihydrochloride for the Management of Atopic Dermatitis Using a Microemulsion-Based Topical Gel. <i>ACS Omega</i> , 2022, 7, 7696-7705.	1.6	5
5	Fabrication of glutathione functionalized self-assembled magnetite nanochains for effective removal of crystal violet and phenol red dye from aqueous matrix. <i>Environmental Science and Pollution Research</i> , 2022, 29, 72260-72278.	2.7	5
6	Vitamin E TPGS-PLGA-based nanoparticles for methotrexate delivery: Promising outcomes from preclinical studies. <i>Journal of Drug Delivery Science and Technology</i> , 2022, , 103276.	1.4	2
7	RETINOID NANOPARTICULATES: APPROACHABLE GATEWAY FOR ACNE TREATMENT. <i>Health Sciences Review</i> , 2022, , 100042.	0.6	2
8	Chemical linkers: Potential approach to target tumor. , 2021, , 175-200.		0
9	Inorganic nanoparticles: A new avenue in improving diagnostics. , 2021, , 221-231.		0
10	Assessing the pharmacokinetics and toxicology of polymeric micelle conjugated therapeutics. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 323-332.	1.5	14
11	Prostate cancer: Delivery aspect and prospect. , 2021, , 515-545.		0
12	Autoimmune diseases and apoptosis: Targets, challenges, and innovations. , 2021, , 285-327.		1
13	Metastatic cancer: How one can address the therapeutic challenge. , 2021, , 485-514.		0
14	Colorectal cancer and its targeting. , 2021, , 373-382.		0
15	Therapy targeting angiogenic potential of tumor. , 2021, , 113-139.		0
16	Leukemia: Trends in treatment and how close we have achieved eradication. , 2021, , 547-587.		0
17	Design of Experiments for the Development of Transdermal Drug Products. , 2021, , 57-67.		1
18	2D and 3D cell culture: Getting close to mimicking the tumor microenvironment in vitro. , 2021, , 599-609.		0

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19	Magnetically responsive delivery into tumor environment. , 2021, , 59-87.		0
20	Nanosystem: Regulatory aspects, clinical development, and market potential. , 2021, , 631-663.		0
21	Hepatic cancer targeting. , 2021, , 383-392.		0
22	Aptamer conjugates: A new avenue. , 2021, , 271-306.		0
23	Targeting breast cancer. , 2021, , 341-350.		0
24	Development of photodynamic cancer therapy. , 2021, , 233-241.		0
25	Pancreatic cancer: Removing extracellular matrix barrier in delivery. , 2021, , 421-438.		0
26	In vivo animal models for cancer: What have we learned from chemical-induced and xenograft models. , 2021, , 611-630.		0
27	Design of Experiments for the Development of Topical Drug Products. , 2021, , 27-56.		0
28	EPR effect and its implications in passive targeting of nanocarriers to tumors. , 2021, , 31-40.		1
29	Basic pathology and etiology of tumor. , 2021, , 1-29.		0
30	Therapeutic based on small interfering RNA (siRNA). , 2021, , 243-270.		0
31	Targeting to the CNS: Approach for brain tumor. , 2021, , 439-484.		0
32	Nisin loaded carbopol gel against <i>Pseudomonas aeruginosa</i> infected third-degree burns: A therapeutic intervention. Wound Repair and Regeneration, 2021, 29, 711-724.	1.5	4
33	Doxorubicin-Loaded Mixed Micelles for the Effective Management of Skin Carcinoma: In Vivo Anti-Tumor Activity and Biodistribution Studies. AAPS PharmSciTech, 2021, 22, 130.	1.5	7
34	Potential and Promises of Carbon Nanotubes in Drug Delivery. , 2021, , 211-242.		0
35	Co-delivery of isotretinoin and clindamycin by phospholipid-based mixed micellar system confers synergistic effect for treatment of acne vulgaris. Expert Opinion on Drug Delivery, 2021, 18, 1291-1308.	2.4	7
36	QbD-steered development of mixed nanomicelles of galantamine: Demonstration of enhanced brain uptake, prolonged systemic retention and improved biopharmaceutical attributes. International Journal of Pharmaceutics, 2021, 600, 120482.	2.6	8

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37	Liposomes: The New Developments in Topical Drug Delivery. , 2021, , 100-141.		0
38	C60-Fullerenes as an Emerging Cargo Carrier for the Delivery of Anti-Neoplastic Agents. , 2021, , 49-61.		1
39	Promises of Lipid-based Drug Delivery Systems in the Management of Breast Cancer. Current Pharmaceutical Design, 2021, 27, 4568-4577.	0.9	6
40	Recent update on nano-phytopharmaceuticals in the management of diabetes. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 2046-2068.	1.9	10
41	Chitosan-based nanoconjugate for safe and effective delivery of docetaxel to cancer cells: An explorative study. Journal of Drug Delivery Science and Technology, 2021, 64, 102653.	1.4	4
42	Recent update of 3D printing technology in pharmaceutical formulation development. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 2306-2330.	1.9	5
43	Galactosylated nanoconstructs of Berberine with enhanced Biopharmaceutical and cognitive potential: A preclinical evidence in Alzheimer's disease. Journal of Drug Delivery Science and Technology, 2021, 66, 102695.	1.4	3
44	Lung cancer: Improving efficacy and reducing side effects. , 2021, , 351-371.		0
45	pH-sensitive carriers for drug delivery to tumor sites. , 2021, , 41-48.		0
46	Ligands used for tumor targeting. , 2021, , 89-111.		0
47	Application of cancer stem cells in improving therapeutics. , 2021, , 307-339.		0
48	Cell-penetrating peptides in cancer targeting. , 2021, , 201-220.		1
49	Solid tumor: Addressing the problems associated. , 2021, , 393-419.		0
50	Temperature-sensitive carrier and temperature-directed tumor cell eradication. , 2021, , 49-57.		0
51	Immunotherapy of cancer. , 2021, , 141-174.		0
52	Tumor imaging and its applications in tumor-targeted drug delivery. , 2021, , 589-597.		0
53	Enhancement effects of process optimization technique while elucidating the degradation pathways of drugs present in pharmaceutical industry wastewater using <i>Micrococcus yunnanensis</i> . Chemosphere, 2020, 238, 124689.	4.2	21
54	Implementation of Quality by Design (QbD) approach in development of silver sulphadiazine loaded egg oil organogel: An improved dermatokinetic profile and therapeutic efficacy in burn wounds. International Journal of Pharmaceutics, 2020, 576, 118977.	2.6	22

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55	Exploration of docetaxel palmitate and its solid lipid nanoparticles as a novel option for alleviating the rising concern of multi-drug resistance. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119088.	2.6	24
56	Systematic Development of Drug Nanocargos Using Formulation by Design (FbD): An Updated Overview. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2020, 37, 229-269.	1.2	18
57	The Scope and Challenges of Vesicular Carrier-Mediated Delivery of Docetaxel for the Management of Cancer. <i>Current Drug Delivery</i> , 2020, 17, 874-884.	0.8	3
58	A novel PEGylated carbon nanotube conjugated mangiferin: An explorative nanomedicine for brain cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101186.	1.4	30
59	Effect of Metamorphed Keratolytic Agent on the Behavior of Imiquimod Loaded Hybrid Vesicles Containing Gel. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3879-3889.	1.6	0
60	Delivery of Docetaxel to Brain Employing Piperine-Tagged PLGA-Aspartic Acid Polymeric Micelles: Improved Cytotoxic and Pharmacokinetic Profiles. <i>AAPS PharmSciTech</i> , 2019, 20, 220.	1.5	21
61	Potential of novel <i>Dunaliella salina</i> from sambhar salt lake, India, for bioremediation of hexavalent chromium from aqueous effluents: An optimized green approach. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 430-438.	2.9	31
62	Fate of ibuprofen under optimized batch biodegradation experiments using <i>Micrococcus yunnanensis</i> isolated from pharmaceutical sludge. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 8315-8328.	1.8	26
63	Phospholipid nanoformulation of thymoquinone with enhanced bioavailability: Development, characterization and anti-inflammatory activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 316-324.	1.4	22
64	Stability kinetics of fusidic acid: Development and validation of stability indicating analytical method by employing Analytical Quality by Design approach in medicinal product(s). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1120, 113-124.	1.2	21
65	Aspartic acid tagged carbon nanotubols as a tool to deliver docetaxel to breast cancer cells: Reduced hemotoxicity with improved cytotoxicity. <i>Toxicology in Vitro</i> , 2019, 59, 126-134.	1.1	16
66	Nanotechnology-based Drug Delivery Products: Need, Design, Pharmacokinetics and Regulations. <i>Current Pharmaceutical Design</i> , 2019, 24, 5085-5085.	0.9	8
67	Beta-carotene-Encapsulated Solid Lipid Nanoparticles (BC-SLNs) as Promising Vehicle for Cancer: an Investigative Assessment. <i>AAPS PharmSciTech</i> , 2019, 20, 100.	1.5	46
68	Dithranol-loaded nanostructured lipid carrier-based gel ameliorate psoriasis in imiquimod-induced mice psoriatic plaque model. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 826-838.	0.9	55
69	Thymoquinone-loaded lipid vesicles: a promising nanomedicine for psoriasis. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 334.	3.7	32
70	Oral Delivery of Methylthioadenosine to the Brain Employing Solid Lipid Nanoparticles: Pharmacokinetic, Behavioral, and Histopathological Evidences. <i>AAPS PharmSciTech</i> , 2019, 20, 74.	1.5	23
71	Chemotherapeutic Potential of Novel Selenium (Se) Analog of Histone Deacetylase (HDAC) Inhibitor, Suberoylanilide Hydroxamic Acid (SAHA) in Experimental Colorectal Cancer. <i>FASEB Journal</i> , 2019, 33, lb91.	0.2	0
72	Aspartic acid derivatized hydroxylated fullerenes as drug delivery vehicles for docetaxel: an explorative study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-10.	1.9	27

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73	-desmethyl tamoxifen and quercetin-loaded multiwalled CNTs: A synergistic approach to overcome MDR in cancer cells. <i>Materials Science and Engineering C</i> , 2018, 89, 274-282.	3.8	45
74	Preclinical Explorative Assessment of Dimethyl Fumarate-Based Biocompatible Nanolipoidal Carriers for the Management of Multiple Sclerosis. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1152-1158.	1.7	32
75	Bendamustine-“PAMAM Conjugates for Improved Apoptosis, Efficacy, and <i>in Vivo</i> Pharmacokinetics: A Sustainable Delivery Tactic. <i>Molecular Pharmaceutics</i> , 2018, 15, 2084-2097.	2.3	20
76	Fullerenol-Based Intracellular Delivery of Methotrexate: A Water-Soluble Nanoconjugate for Enhanced Cytotoxicity and Improved Pharmacokinetics. <i>AAPS PharmSciTech</i> , 2018, 19, 1084-1092.	1.5	21
77	Lysine-Based C ₆₀ -Fullerene Nanoconjugates for Monomethyl Fumarate Delivery: A Novel Nanomedicine for Brain Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2134-2142.	2.6	19
78	C60-fullerenes as Drug Delivery Carriers for Anticancer Agents: Promises and Hurdles. <i>Pharmaceutical Nanotechnology</i> , 2018, 5, 169-179.	0.6	38
79	Brain Delivery Using Oral Nanoparticles: Promises, Challenges and Future Prospects. , 2018, , 269-281.		0
80	Developing Taxanes for Oral Intake Employing Apt Nanocarriers. , 2018, , 187-200.		0
81	Systematic Development of Transethosomal Gel System of Piroxicam: Formulation Optimization, In Vitro Evaluation, and Ex Vivo Assessment. <i>AAPS PharmSciTech</i> , 2017, 18, 58-71.	1.5	110
82	Delivery of Thermoresponsive-Tailored Mixed Micellar Nanogel of Lidocaine and Prilocaine with Improved Dermatokinetic Profile and Therapeutic Efficacy in Topical Anaesthesia. <i>AAPS PharmSciTech</i> , 2017, 18, 790-802.	1.5	29
83	Chitosan-Stearic Acid Based Polymeric Micelles for the Effective Delivery of Tamoxifen: Cytotoxic and Pharmacokinetic Evaluation. <i>AAPS PharmSciTech</i> , 2017, 18, 759-768.	1.5	35
84	In vivo pharmacokinetic studies and intracellular delivery of methotrexate by means of glycine-tethered PLGA-based polymeric micelles. <i>International Journal of Pharmaceutics</i> , 2017, 519, 138-144.	2.6	36
85	Vitamin-Derived Nanolipoidal Carriers for Brain Delivery of Dimethyl Fumarate: A Novel Approach with Preclinical Evidence. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1390-1396.	1.7	23
86	Aceclofenac cocrystal nanoliposomes for rheumatoid arthritis with better dermatokinetic attributes: a preclinical study. <i>Nanomedicine</i> , 2017, 12, 615-638.	1.7	38
87	Chitosan-palmitic acid based polymeric micelles as promising carrier for circumventing pharmacokinetic and drug delivery concerns of tamoxifen. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 1220-1225.	3.6	42
88	Glycinated fullerenes for tamoxifen intracellular delivery with improved anticancer activity and pharmacokinetics. <i>Nanomedicine</i> , 2017, 12, 1011-1023.	1.7	36
89	Aceclofenac polymorphs: Preparation, characterization and intestinal permeation studies. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 69-74.	1.4	9
90	Aminated carbon-based “cargo vehicles” for improved delivery of methotrexate to breast cancer cells. <i>Materials Science and Engineering C</i> , 2017, 75, 1376-1388.	3.8	24

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91	Improved cellular uptake, enhanced efficacy and promising pharmacokinetic profile of docetaxel employing glycine-tethered C60-fullerenes. <i>Materials Science and Engineering C</i> , 2017, 76, 501-508.	3.8	29
92	PLGA-soya lecithin based micelles for enhanced delivery of methotrexate: Cellular uptake, cytotoxic and pharmacokinetic evidences. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 750-756.	3.6	32
93	Biocompatible Phospholipid-Based Mixed Micelles for Tamoxifen Delivery: Promising Evidences from In - Vitro Anticancer Activity and Dermatokinetic Studies. <i>AAPS PharmSciTech</i> , 2017, 18, 2037-2044.	1.5	18
94	Enhanced Brain Delivery of Dimethyl Fumarate Employing Tocopherol-Acetate-Based Nanolipidic Carriers: Evidence from Pharmacokinetic, Biodistribution, and Cellular Uptake Studies. <i>ACS Chemical Neuroscience</i> , 2017, 8, 860-865.	1.7	40
95	Stearic acid based, systematically designed oral lipid nanoparticles for enhanced brain delivery of dimethyl fumarate. <i>Nanomedicine</i> , 2017, 12, 2607-2621.	1.7	25
96	Anti-Alzheimer's potential of berberine using surface decorated multi-walled carbon nanotubes: A preclinical evidence. <i>International Journal of Pharmaceutics</i> , 2017, 530, 263-278.	2.6	81
97	Fabrication of acyclovir-loaded flexible membrane vesicles (FMVs): evidence of preclinical efficacy of antiviral activity in murine model of cutaneous HSV-1 infection. <i>Drug Delivery and Translational Research</i> , 2017, 7, 683-694.	3.0	17
98	Development and evaluation of topical microemulsion of dibenzoylmethane for treatment of UV induced photoaging. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 37, 1-12.	1.4	15
99	Nanostructured Lipid Carriers: A New Paradigm in Topical Delivery for Dermal and Transdermal Applications. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017, 34, 355-386.	1.2	32
100	Pharmacokinetics and biodistribution of the nanoparticles. , 2017, , 165-186.		24
101	Dermatokinetics as an Important Tool to Assess the Bioavailability of Drugs by Topical Nanocarriers. <i>Current Drug Metabolism</i> , 2017, 18, 404-411.	0.7	25
102	Phospholipid microemulsion-based hydrogel for enhanced topical delivery of lidocaine and prilocaine: QbD-based development and evaluation. <i>Drug Delivery</i> , 2016, 23, 941-957.	2.5	80
103	Phospholipid vesicles encapsulated bacteriophage: A novel approach to enhance phage biodistribution. <i>Journal of Virological Methods</i> , 2016, 236, 68-76.	1.0	50
104	Dextran-PLGA-loaded docetaxel micelles with enhanced cytotoxicity and better pharmacokinetic profile. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 206-212.	3.6	65
105	Enhanced efficacy and a better pharmacokinetic profile of tamoxifen employing polymeric micelles. <i>RSC Advances</i> , 2016, 6, 53351-53357.	1.7	19
106	Conjugation of Docetaxel with Multiwalled Carbon Nanotubes and Codelivery with Piperine: Implications on Pharmacokinetic Profile and Anticancer Activity. <i>Molecular Pharmaceutics</i> , 2016, 13, 2423-2432.	2.3	80
107	Chitosan-modified PLGA polymeric nanocarriers with better delivery potential for tamoxifen. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 381-389.	3.6	48
108	Promises of a biocompatible nanocarrier in improved brain delivery of quercetin: Biochemical, pharmacokinetic and biodistribution evidences. <i>International Journal of Pharmaceutics</i> , 2016, 515, 307-314.	2.6	68

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109	Benzyl Benzoate-Loaded Microemulsion for Topical Applications: Enhanced Dermatokinetic Profile and Better Delivery Promises. AAPS PharmSciTech, 2016, 17, 1221-1231.	1.5	49
110	Studies on Enhancement of Anti-microbial Activity of Pristine MWCNTs Against Pathogens. AAPS PharmSciTech, 2016, 17, 1042-1048.	1.5	13
111	Aceclofenac- β -cyclodextrin-vesicles: a dual carrier approach for skin with enhanced stability, efficacy and dermatokinetic profile. RSC Advances, 2016, 6, 20713-20727.	1.7	25
112	Novel elastic membrane vesicles (EMVs) and ethosomes-mediated effective topical delivery of aceclofenac: a new therapeutic approach for pain and inflammation. Drug Delivery, 2016, 23, 3135-3145.	2.5	42
113	Improved intestinal lymphatic drug targeting via phospholipid complex-loaded nanolipospheres of rosuvastatin calcium. RSC Advances, 2016, 6, 8173-8187.	1.7	46
114	Liposomal fusidic acid as a potential delivery system: a new paradigm in the treatment of chronic plaque psoriasis. Drug Delivery, 2016, 23, 1204-1213.	2.5	59
115	Role of Colloidal Drug Delivery Carriers in Taxane-mediated Chemotherapy: A Review. Current Pharmaceutical Design, 2016, 22, 5127-5143.	0.9	36
116	Aceclofenac: Species-Dependent Metabolism and Newer Paradigm Shift from Oral to Non-oral Delivery. Current Topics in Medicinal Chemistry, 2016, 17, 107-119.	1.0	5
117	C 60 -fullerenes for delivery of docetaxel to breast cancer cells: A promising approach for enhanced efficacy and better pharmacokinetic profile. International Journal of Pharmaceutics, 2015, 495, 551-559.	2.6	115
118	Topical Delivery of Aceclofenac: Challenges and Promises of Novel Drug Delivery Systems. BioMed Research International, 2014, 2014, 1-11.	0.9	70
119	Lipid-based capsaicin-loaded nano-colloidal biocompatible topical carriers with enhanced analgesic potential and decreased dermal irritation. Journal of Liposome Research, 2014, 24, 290-296.	1.5	52
120	Novel phospholipid-based topical formulations of tamoxifen: evaluation for antipsoriatic activity using mouse-tail model. Pharmaceutical Development and Technology, 2014, 19, 160-163.	1.1	46
121	Tamoxifen-loaded lecithin organogel (LO) for topical application: Development, optimization and characterization. International Journal of Pharmaceutics, 2013, 444, 47-59.	2.6	75
122	Nano-lipoidal carriers of isotretinoin with anti-aging potential: formulation, characterization and biochemical evaluation. Journal of Drug Targeting, 2013, 21, 435-442.	2.1	39
123	Improved therapeutic performance of dithranol against psoriasis employing systematically optimized nanoemulsomes. Journal of Microencapsulation, 2013, 30, 225-236.	1.2	80
124	Nano-lipoidal carriers of tretinoin with enhanced percutaneous absorption, photostability, biocompatibility and anti-psoriatic activity. International Journal of Pharmaceutics, 2013, 456, 65-72.	2.6	178
125	Systematically optimized biocompatible isotretinoin-loaded solid lipid nanoparticles (SLNs) for topical treatment of acne. Colloids and Surfaces B: Biointerfaces, 2013, 105, 67-74.	2.5	107
126	Nanocolloidal Carriers of Isotretinoin: Antimicrobial Activity against <i>Propionibacterium acnes</i> and Dermatokinetic Modeling. Molecular Pharmaceutics, 2013, 10, 1958-1963.	2.3	74

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127	Tamoxifen-loaded novel liposomal formulations: evaluation of anticancer activity on DMBA-TPA induced mouse skin carcinogenesis. <i>Journal of Drug Targeting</i> , 2012, 20, 544-550.	2.1	29
128	Novel dithranol phospholipid microemulsion for topical application: development, characterization and percutaneous absorption studies. <i>Journal of Microencapsulation</i> , 2011, 28, 190-199.	1.2	57
129	Design and evaluation of flexible membrane vesicles (FMVs) for enhanced topical delivery of capsaicin. <i>Journal of Drug Targeting</i> , 2011, 19, 293-302.	2.1	47
130	Novel drug delivery systems in topical treatment of psoriasis: Rigors and vigors. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2010, 76, 612.	0.2	103
131	Phospholipid-based formulation with improved attributes of coal tar. <i>Journal of Cosmetic Dermatology</i> , 2009, 8, 282-288.	0.8	28