Shimon Ben-Shabat

List of Publications by Year
in descending order

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Version: 2024-02-01

44	1,661	361388 20	289230 40
papers	citations	h-index	g-index

48	48	48	2112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral effect of phytochemicals from medicinal plants: Applications and drug delivery strategies. Drug Delivery and Translational Research, 2020, 10, 354-367.	5.8	208
2	Formation of a Nonaoxirane from A2E, a Lipofuscin Fluorophore related to Macular Degeneration, and Evidence of Singlet Oxygen Involvement This work was supported by NIH grant GM 34509 (K.N.), NSF grant NSF-CHE-98-12676 (N.J.T. and S.J.), and NIH grant EY-12951 (J.R.S.).. Angewandte Chemie - International Edition, 2002, 41, 814.	13.8	192
3	Biosynthetic Studies of A2E, a Major Fluorophore of Retinal Pigment Epithelial Lipofuscin. Journal of Biological Chemistry, 2002, 277, 7183-7190.	3.4	188
4	Effect of medicinal plants on wound healing. Wound Repair and Regeneration, 2015, 23, 171-183.	3.0	115
5	Potent antiviral flavone glycosides from Ficus benjamina leaves. FÃ¬toterapÃ¬Ã¢, 2012, 83, 362-367.	2.2	104
6	New Cannabidiol Derivatives:Â Synthesis, Binding to Cannabinoid Receptor, and Evaluation of Their Antiinflammatory Activity. Journal of Medicinal Chemistry, 2006, 49, 1113-1117.	6.4	79
7	Antiviral activity of ethanol extracts of Ficus binjamina and Lilium candidum in vitro. New Biotechnology, 2009, 26, 307-313.	4.4	60
8	Lipidic prodrug approach for improved oral drug delivery and therapy. Medicinal Research Reviews, 2019, 39, 579-607.	10.5	54
9	PEG-PLA Block Copolymer as Potential Drug Carrier: Preparation and Characterization. Macromolecular Bioscience, 2006, 6, 1019-1025.	4.1	49
10	Modern Prodrug Design for Targeted Oral Drug Delivery. Molecules, 2014, 19, 16489-16505.	3.8	48
11	Lipids and Lipid-Processing Pathways in Drug Delivery and Therapeutics. International Journal of Molecular Sciences, 2020, 21, 3248.	4.1	41
12	Pharmacological effects of vitamin D and its analogs: recent developments. Drug Discovery Today, 2014, 19, 1769-1774.	6.4	39
13	Prodrugs for Improved Drug Delivery: Lessons Learned from Recently Developed and Marketed Products. Pharmaceutics, 2020, 12, 1031.	4.5	36
14	Conjugates of Unsaturated Fatty Acids with Propylene Glycol as Potentially Less-Irritant Skin Penetration Enhancers. Drug Development and Industrial Pharmacy, 2007, 33, 1169-1175.	2.0	34
15	Anticancer activity of Nigella sativa (black seed) and its relationship with the thermal processing and quinone composition of the seed. Drug Design, Development and Therapy, 2015, 9, 3119.	4.3	30
16	Phospholipid-drug conjugates as a novel oral drug targeting approach for the treatment of inflammatory bowel disease. European Journal of Pharmaceutical Sciences, 2017, 108, 78-85.	4.0	28
17	Inhibition of cancer growth and induction of apoptosis by BGP-13 and BGP-15, new calcipotriene-derived vitamin D3 analogs, in-vitro and in-vivo studies. Investigational New Drugs, 2013, 31, 247-255.	2.6	27
18	Prospects and Challenges of Phospholipid-Based Prodrugs. Pharmaceutics, 2018, 10, 210.	4.5	24

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19	New targeting strategies in drug therapy of inflammatory bowel disease: mechanistic approaches and opportunities. Expert Opinion on Drug Delivery, 2013, 10, 1275-1286.	5.0	22
20	Antimicrobial Effect of Phytochemicals from Edible Plants. Processes, 2021, 9, 2089.	2.8	22
21	Anti-Herpetic Activity of Callissia fragrans and Simmondsia chinensis Leaf Extracts In Vitro~!2010-03-15~!2010-04-15~!2010-05-11~!. The Open Virology Journal, 2010, 4, 57-62.	1.8	19
22	Vitamin D3?Based Conjugates for Topical Treatment of Psoriasis: Synthesis, Antiproliferative Activity, and Cutaneous Penetration Studies. Pharmaceutical Research, 2005, 22, 50-57.	3.5	18
23	Phospholipid-Based Prodrugs for Drug Targeting in Inflammatory Bowel Disease: Computational Optimization and In-Vitro Correlation. Current Topics in Medicinal Chemistry, 2016, 16, 2543-2548.	2.1	18
24	Molecular Modeling-Guided Design of Phospholipid-Based Prodrugs. International Journal of Molecular Sciences, 2019, 20, 2210.	4.1	16
25	Phospholipid-Based Prodrugs for Colon-Targeted Drug Delivery: Experimental Study and In-Silico Simulations. Pharmaceutics, 2019, 11, 186.	4.5	16
26	The Impact of Diet Wheat Source on the Onset of Type 1 Diabetes Mellitusâ€"Lessons Learned from the Non-Obese Diabetic (NOD) Mouse Model. Nutrients, 2017, 9, 482.	4.1	15
27	Computational modeling and in-vitro/in-silico correlation of phospholipid-based prodrugs for targeted drug delivery in inflammatory bowel disease. Journal of Computer-Aided Molecular Design, 2017, 31, 1021-1028.	2.9	14
28	Medicinal Properties of Lilium candidum L. and Its Phytochemicals. Plants, 2020, 9, 959.	3.5	14
29	Computational Simulations to Guide Enzyme-Mediated Prodrug Activation. International Journal of Molecular Sciences, 2020, 21, 3621.	4.1	13
30	Use of alpha-tocopherol esters for topical vitamin E treatment: evaluation of their skin permeation and metabolism. Journal of Pharmacy and Pharmacology, 2013, 65, 652-658.	2.4	12
31	The prospects of lipidic prodrugs: an old approach with an emerging future. Future Medicinal Chemistry, 2019, 11, 2563-2571.	2.3	12
32	Induction of apoptosis and inhibition of prostate and breast cancer growth by BGP-15, a new calcipotriene-derived vitamin D3 analog. Anti-Cancer Drugs, 2010, 21, 609-618.	1.4	10
33	Effect of Bioactive Phytochemicals from Phlomis viscosa Poiret on Wound Healing. Plants, 2019, 8, 609.	3.5	10
34	Recent Updates on the Phytochemistry and Pharmacological Properties of Phlomis viscosa Poiret. Rejuvenation Research, 2019, 22, 282-288.	1.8	10
35	The role of pre-symbiotic auxin signaling in ectendomycorrhiza formation between the desert truffle Terfezia boudieri and Helianthemum sessiliflorum. Mycorrhiza, 2016, 26, 287-297.	2.8	9
36	Preferential anti-proliferative activity ofVarthemia iphionoides(Chiliadenus iphinoides). Israel Journal of Plant Sciences, 2015, 62, 229-233.	0.5	7

#	Article	IF	Citations
37	Characterization of nanoparticles made of ethyl cellulose and stabilizing lipids: Mode of manufacturing, size modulation, and study of their effect on keratinocytes. International Journal of Pharmaceutics, 2021, 607, 121003.	5.2	6
38	Phospholipid Cyclosporine Prodrugs Targeted at Inflammatory Bowel Disease (IBD) Treatment: Design, Synthesis, and in Vitro Validation. ChemMedChem, 2020, 15, 1639-1644.	3.2	5
39	Prodrug-Based Targeting Approach for Inflammatory Bowel Diseases Therapy: Mechanistic Study of Phospholipid-Linker-Cyclosporine PLA2-Mediated Activation. International Journal of Molecular Sciences, 2022, 23, 2673.	4.1	5
40	PLA2-Triggered Activation of Cyclosporine-Phospholipid Prodrug as a Drug Targeting Approach in Inflammatory Bowel Disease Therapy. Pharmaceutics, 2022, 14, 675.	4.5	5
41	Effect of poly-herbal preparations on wound healing. Wound Repair and Regeneration, 2016, 24, 196-197.	3.0	4
42	Synthesis and characterization of biodegradable copolyesters and copolyanhydrides prepared from fumaric and succinic acid trimers and oligomers. Israel Journal of Chemistry, 2005, 45, 411-420.	2.3	3
43	Lipidic Prodrugs for Drug Delivery: Opportunities and Challenges. , 2020, , 113-132.		2
44	Reply: Diabetogenic Potential of Ancestral and Modern Wheat Landraces, Nutrients 2017, 9, 816. Nutrients, 2017, 9, 922.	4.1	0