

Jean-Pierre Lepoittevin

List of Publications by Year in descending order

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48
papers

2,029
citations

304602

22
h-index

265120

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49
all docs

49
docs citations

49
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Peptide Reactivity Assay for Screening Contact Allergens. <i>Toxicological Sciences</i> , 2004, 81, 332-343.	1.4	422
2	Quantification of Chemical Peptide Reactivity for Screening Contact Allergens: A Classification Tree Model Approach. <i>Toxicological Sciences</i> , 2007, 97, 417-427.	1.4	342
3	Patch testing with a new fragrance mix detects additional patients sensitive to perfumes and missed by the current fragrance mix. <i>Contact Dermatitis</i> , 2005, 52, 207-215.	0.8	157
4	Metabolism versus chemical transformation or pro- versus prehapten?. <i>Contact Dermatitis</i> , 2006, 54, 73-74.	0.8	98
5	Contact allergy caused by isothiazolinone derivatives: an overview of non-cosmetic and unusual cosmetic sources. <i>European Journal of Dermatology</i> , 2017, 27, 115-122.	0.3	94
6	Studies of Chemical Selectivity of Hapten, Reactivity, and Skin Sensitization Potency. 3. Synthesis and Studies on the Reactivity toward Model Nucleophiles of the ¹³ C-Labeled Skin Sensitizers, 5-Chloro-2-methylisothiazol-3-one (MCI) and 2-Methylisothiazol-3-one (MI). <i>Chemical Research in Toxicology</i> , 2003, 16, 627-636.	1.7	75
7	Enhanced sensitization and elicitation responses caused by mixtures of common fragrance allergens. <i>Contact Dermatitis</i> , 2011, 65, 336-342.	0.8	70
8	Effect of Glutathione on the Covalent Binding of the ¹³ C-Labeled Skin Sensitizer 5-Chloro-2-methylisothiazol-3-one to Human Serum Albumin: Identification of Adducts by Nuclear Magnetic Resonance, Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry, and Nano-electrospray Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2004, 17, 1280-1288.	1.7	54
9	ε-methylene-β-butyrolactones: versatile skin bioactive natural products. <i>Chemical Record</i> , 2009, 9, 258-270.	2.9	50
10	Covalent binding of the ¹³ C-labeled skin sensitizers 5-chloro-2-methylisothiazol-3-one (MCI) and 2-methylisothiazol-3-one (MI) to a model peptide and glutathione. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 365-368.	1.0	46
11	Synthesis and Reactivity Toward Nucleophilic Amino Acids of 2,5-[¹³ C]-Dimethyl-p-benzoquinonediimine. <i>Chemical Research in Toxicology</i> , 2006, 19, 1248-1256.	1.7	41
12	Preservatives in cosmetics: reactivity of allergenic formaldehyde-releasers towards amino acids through breakdown products other than formaldehyde [*] . <i>Contact Dermatitis</i> , 2010, 63, 192-202.	0.8	38
13	A Highly Stereoselective Divergent Synthesis of Bicyclic Models of Photoreactive Sesquiterpene Lactones. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1145-1152.	1.2	36
14	Isothiazolinones are still widely used in paints purchased in five European countries: a follow-up study. <i>Contact Dermatitis</i> , 2018, 78, 246-253.	0.8	35
15	Immunological, chemical and clinical aspects of exposure to mixtures of contact allergens. <i>Contact Dermatitis</i> , 2017, 77, 133-142.	0.8	34
16	Contact Allergy—Emerging Allergens and Public Health Impact. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2404.	1.2	34
17	<i>In situ</i> chemical behaviour of methylisothiazolinone (MI) and methylchloroisothiazolinone (MCI) in reconstructed human epidermis: a new approach to the cross-reactivity issue. <i>Contact Dermatitis</i> , 2016, 74, 159-167.	0.8	32
18	Synthesis and interaction studies of ¹³ C labeled lactone derivatives with a model protein using ¹³ C NMR. <i>Bioorganic and Medicinal Chemistry</i> , 1993, 1, 389-397.	1.4	30

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19	Mechanistic assessment of peptide reactivity assay to predict skin allergens with Kathon [®] CG isothiazolinones. <i>Toxicology in Vitro</i> , 2009, 23, 439-446.	1.1	30
20	HR-MAS NMR Spectroscopy of Reconstructed Human Epidermis: Potential for the <i>in Situ</i> Investigation of the Chemical Interactions between Skin Allergens and Nucleophilic Amino Acids. <i>Chemical Research in Toxicology</i> , 2013, 26, 136-145.	1.7	29
21	Molecular Aspects in Allergic and Irritant Contact Dermatitis. , 2011, , 91-110.		26
22	Evidence for Chemical and Cellular Reactivities of the Formaldehyde Releaser Bronopol, Independent of Formaldehyde Release. <i>Chemical Research in Toxicology</i> , 2011, 24, 2115-2128.	1.7	24
23	Mechanistic studies on the reactivity of sensitizing allylic hydroperoxides: investigation of the covalent modification of amino acids by carbon-radical intermediates. <i>Toxicology Research</i> , 2014, 3, 278.	0.9	22
24	Nuclear Magnetic Resonance Studies on Covalent Modification of Amino Acids Thiol and Amino Residues by Monofunctional Aryl ¹³ C-Isocyanates, Models of Skin and Respiratory Sensitizers: Transformation of Thiocarbamates into Urea Adducts. <i>Chemical Research in Toxicology</i> , 2009, 22, 1106-1115.	1.7	18
25	Editor [™] s Highlight: Fragrance Allergens Linalool and Limonene Allylic Hydroperoxides in Skin Allergy: Mechanisms of Action Focusing on Transcription Factor Nrf2. <i>Toxicological Sciences</i> , 2018, 161, 139-148.	1.4	14
26	Synthesis and photocytotoxic activity of new \pm -methylene- β -butyrolactone-psoralen heterodimers. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3619-3625.	1.4	13
27	An immune response study of oakmoss absolute and its constituents atranol and chloroatranol. <i>Contact Dermatitis</i> , 2014, 70, 282-290.	0.8	12
28	Synthesis and Photocyclization of .alpha.-Methylene-.gamma.-butyrolactone-Thymine Heterodimers. <i>Chemical Research in Toxicology</i> , 1995, 8, 22-26.	1.7	11
29	Evidence for [2+2] Photoreaction of \pm -Methylene- β -Butyrolactones with Thymine: An Explanation for Chronic Actinic Dermatitis to Sesquiterpene Lactones?. <i>Photochemistry and Photobiology</i> , 1999, 69, 653-657.	1.3	10
30	Effect of a Microemulsion System on Hapten-Peptide Reactivity Studies: Examples of Hydroxycitronellal and Citral, Fragrance Skin Sensitizers, with Glutathione. <i>Chemical Research in Toxicology</i> , 2010, 23, 1433-1441.	1.7	10
31	Is it possible to assess the allergenicity of mixtures based on <i>in chemico</i> methods? Preliminary results on common fragrance aldehydes. <i>Flavour and Fragrance Journal</i> , 2017, 32, 63-71.	1.2	9
32	Fragrances. , 2011, , 607-627.		9
33	Sensitization potential and potency of terpene hydroperoxides in the cocultured activation test method. <i>Contact Dermatitis</i> , 2019, 81, 97-103.	0.8	8
34	One hundred years of allergic contact dermatitis due to oxidized terpenes: What we can learn from old research on turpentine allergy. <i>Contact Dermatitis</i> , 2021, 85, 627-636.	0.8	8
35	Synthesis and Photoreaction of \pm -Methylene- β -Butyrolactone- β -Psoralen Heterodimers. <i>Photochemistry and Photobiology</i> , 1997, 65, 316-322.	1.3	6
36	Criteria for the evidence-based categorisation of skin sensitisers. <i>Food and Chemical Toxicology</i> , 2017, 105, 14-21.	1.8	6

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37	Modifications induced by chemical skin allergens on the metabolome of reconstructed human epidermis: A pilot high-resolution magic angle spinning nuclear magnetic resonance study. <i>Contact Dermatitis</i> , 2020, 82, 137-146.	0.8	6
38	Mechanistic Insights on Skin Sensitization to Linalool Hydroperoxides: EPR Evidence on Radical Intermediates Formation in Reconstructed Human Epidermis and ¹³ C NMR Reactivity Studies with Thiol Residues. <i>Chemical Research in Toxicology</i> , 2020, 33, 1922-1932.	1.7	6
39	Thymoquinone as a causative allergen in <i>Nigella sativa</i> oil contact dermatitis with cross-reactivity to <i>tert</i> -butylhydroquinone. <i>Contact Dermatitis</i> , 2020, 83, 132-134.	0.8	5
40	In chemico evaluation of prohaptens skin sensitizers: Behavior of 2-methoxy-4-(13C)methylphenol in the peroxidase peptide reactivity assay (PPRA) as an alternative to animal testing. <i>Toxicology Letters</i> , 2013, 218, 266-272.	0.4	3
41	In Situ Alkylation of Reconstructed Human Epidermis by Methyl Methanesulfonate: A Quantitative HRMAS NMR Chemical Reactivity Mapping. <i>Chemical Research in Toxicology</i> , 2020, 33, 3023-3030.	1.7	3
42	Contact Allergy to Fragrances. , 2020, , 1-33.		2
43	Molecular Aspects in Allergic and Irritant Contact Dermatitis. , 2021, , 121-138.		2
44	The use of three-dimensional similarity in assessing the risk of cross-reactivity between carbamazepine and psychotropic drugs. <i>European Journal of Clinical Pharmacology</i> , 2014, 70, 495-498.	0.8	1
45	Chemical Modifications Induced by Phthalic Anhydride, a Respiratory Sensitizer, in Reconstructed Human Epidermis: A Combined HRMAS NMR and LC-MS/MS Proteomic Approach. <i>Chemical Research in Toxicology</i> , 2021, 34, 2087-2099.	1.7	1
46	Molecular Aspects in Allergic and Irritant Contact Dermatitis. , 2020, , 1-18.		1
47	Kontaktallergien – Neu auftretende Allergene und Auswirkungen für das Gesundheitswesen. <i>Karger Kompass Dermatologie</i> , 2021, 9, 56-75.	0.0	0
48	Contact Allergy to Fragrances. , 2021, , 803-834.		0