

Masaharu Fujita

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

309
citations

1163117

8
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Test battery with the human cell line activation test, direct peptide reactivity assay and DEREK based on a 139 chemical data set for predicting skin sensitizing potential and potency of chemicals. <i>Journal of Applied Toxicology</i> , 2015, 35, 1318-1332.	2.8	93
2	Development of a prediction method for skin sensitization using novel cysteine and lysine derivatives. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014, 70, 94-105.	0.7	44
3	A novel <i>in chemico</i> method to detect skin sensitizers in highly diluted reaction conditions. <i>Journal of Applied Toxicology</i> , 2015, 35, 1348-1360.	2.8	43
4	Cause of and countermeasures for oxidation of the cysteine-derived reagent used in the amino acid derivative reactivity assay. <i>Journal of Applied Toxicology</i> , 2019, 39, 191-208.	2.8	26
5	A newly developed means of HPLC-fluorescence analysis for predicting the skin sensitization potential of multi-constituent substances using ADRA. <i>Toxicology in Vitro</i> , 2019, 59, 161-178.	2.4	19
6	The underlying factors that explain why nucleophilic reagents rarely co-elute with test chemicals in the ADRA. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 96, 95-105.	0.7	14
7	Precipitation of test chemicals in reaction solutions used in the amino acid derivative reactivity assay and the direct peptide reactivity assay. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 100, 106624.	0.7	13
8	The amino acid derivative reactivity assay with fluorescence detection and its application to multi-constituent substances. <i>Journal of Toxicological Sciences</i> , 2019, 44, 821-832.	1.5	11
9	The within- and between-laboratory reproducibility and predictive capacity of the <i>in chemico</i> amino acid derivative reactivity assay: Results of validation study implemented in four participating laboratories. <i>Journal of Applied Toxicology</i> , 2019, 39, 1492-1505.	2.8	9
10	Improving predictive capacity of the Amino acid Derivative Reactivity Assay test method for skin sensitization potential with an optimal molar concentration of test chemical solution. <i>Journal of Applied Toxicology</i> , 2021, 41, 303-329.	2.8	8
11	Applicability of amino acid derivative reactivity assay for prediction of skin sensitization by combining multiple alternative methods to evaluate key events. <i>Journal of Toxicological Sciences</i> , 2019, 44, 585-600.	1.5	7
12	Development of photo-amino acid derivative reactivity assay: a novel <i>in chemico</i> alternative method for predicting photoallergy. <i>Journal of Applied Toxicology</i> , 2020, 40, 655-678.	2.8	7
13	Oxidation of a cysteine-derived nucleophilic reagent by dimethyl sulfoxide in the amino acid derivative reactivity assay. <i>Journal of Applied Toxicology</i> , 2020, 40, 843-854.	2.8	5
14	Amino acid derivative reactivity assay—organic solvent reaction system: A novel alternative test for skin sensitization capable of assessing highly hydrophobic substances. <i>Journal of Applied Toxicology</i> , 2021, 41, 1634-1648.	2.8	3
15	Cause Clarification of Cysteine Oxidation by Active Species Generated during the Oxidation Process of Cinnamaldehyde and Impact on an <i>In Chemico</i> Alternative Method for Skin Sensitization Using a Nucleophilic Reagent Containing Cysteine. <i>Chemical Research in Toxicology</i> , 2021, 34, 1749-1758.	3.3	3
16	The within- and between-laboratories reproducibility and predictive capacity of Amino acid Derivative Reactivity Assay using 4 mM test chemical solution: Results of ring study implemented at five participating laboratories. <i>Journal of Applied Toxicology</i> , 2022, 42, 318-333.	2.8	2
17	Within- and between-laboratory reproducibility and predictive capacity of amino acid derivative reactivity assay (ADRA) using a 0.5% mg/mL test chemical solution: Results of the study for reproducibility confirmation implemented in five participating laboratories. <i>Journal of Applied Toxicology</i> , 2022, . . .	2.8	1
18	Applicability of amino acid derivative reactivity assay (4 mM) for the prediction of skin sensitization by combining multiple alternative methods to evaluate key events. <i>Journal of Applied Toxicology</i> , 2022, . . .	2.8	1