

Klaus Altland

List of Publications by Year in descending order

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25
papers

734
citations

623734

14
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	99mTc-DPD scintigraphy in transthyretin-related familial amyloidotic polyneuropathy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 376-379.	6.4	111
2	Hybridisoelectric focusing in rehydrated immobilized pH gradients with added carrier ampholytes: Demonstration of human globins. <i>Electrophoresis</i> , 1985, 6, 314-325.	2.4	94
3	Green tea extract as a treatment for patients with wild-type transthyretin amyloidosis: an observational study. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6319.	4.3	61
4	Forming reproducible density and solute gradients by computer-controlled cooperation of stepmotor-driven burettes. <i>Electrophoresis</i> , 1984, 5, 143-147.	2.4	51
5	Improved rehydration procedure for polyacrylamide gels in presence of urea: Demonstration of inherited human prealbumin variants by isoelectric focusing in an immobilized pH gradient. <i>Electrophoresis</i> , 1984, 5, 379-381.	2.4	45
6	Paraffin oil protected high resolution hybrid isoelectric focusing for the demonstration of substitutions of neutral amino acids in denatured proteins: The case of four human transthyretin (prealbumin) variants associated with familial amyloidotic polyneuropathy. <i>Electrophoresis</i> , 1987, 8, 293-297.	2.4	45
7	Screening and biochemical characterization of transthyretin variants in the Portuguese population. <i>Human Mutation</i> , 1997, 9, 226-233.	2.5	41
8	Isoelectric focusing of basic proteins: The problem of oxidation of cysteines. <i>Electrophoresis</i> , 1988, 9, 474-485.	2.4	40
9	Skeletal scintigraphy indicates disease severity of cardiac involvement in patients with senile systemic amyloidosis. <i>International Journal of Cardiology</i> , 2013, 164, 179-184.	1.7	37
10	Separation by hybrid isoelectric focusing of normal human plasma transthyretin (prealbumin) and a variant with a methionine for valine substitution associated with familial amyloidotic polyneuropathy. <i>Electrophoresis</i> , 1986, 7, 529-533.	2.4	31
11	Avoiding liquid exudation on the surface of rehydrated gels used for hybrid isoelectric focusing in carrier ampholyte supplemented immobilized pH gradients. <i>Electrophoresis</i> , 1986, 7, 251-259.	2.4	28
12	Hybrid isoelectric focusing: Adsorption of proteins onto immobilized pH gradient matrices and desorption by carrier ampholytes. <i>Electrophoresis</i> , 1987, 8, 52-62.	2.4	27
13	Sulfite and base for the treatment of familial amyloidotic polyneuropathy: two additive approaches to stabilize the conformation of human amyloidogenic transthyretin. <i>Neurogenetics</i> , 2004, 5, 61-67.	1.4	26
14	Flattening, shifting and comparing pH gradients in slab gel electrofocusing by local increases of gel volume. <i>Electrophoresis</i> , 1980, 1, 57-62.	2.4	25
15	Familial amyloid polyneuropathy: Alanine-for-threonine substitution in the transthyretin (prealbumin) molecule. <i>Muscle and Nerve</i> , 1990, 13, 1065-1075.	2.2	13
16	Reproducibility of immobilized pH gradients after seven months of storage. <i>Electrophoresis</i> , 1986, 7, 230-232.	2.4	11
17	Experimental evidence for flexible slope of immobilized pH gradients poured under computer control. <i>Electrophoresis</i> , 1985, 6, 140-142.	2.4	10
18	Horizontal gradient polyacrylamide gel electrophoresis. <i>Electrophoresis</i> , 1981, 2, 49-54.	2.4	9

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19	Improved rehydration by controlled drying of polyacrylamide gels for hybrid isoelectric focusing. <i>Electrophoresis</i> , 1987, 8, 584-585.	2.4	9
20	Transthyretin Val71Ala mutation in a Dutch family with familial amyloidotic polyneuropathy. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2000, 7, 218-221.	3.0	6
21	Identification of a novel non-amyloidogenic transthyretin polymorphism (His 74) in the German population. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1994, 1, 149-153.	3.0	5
22	A new sample applicator for isoelectric focusing in horizontal polyacrylamide gels. <i>Electrophoresis</i> , 1988, 9, 485-488.	2.4	3
23	Screening and biochemical characterization of transthyretin variants in the Portuguese population. <i>Human Mutation</i> , 1997, 9, 226-233.	2.5	3
24	Pouring wide-range immobilized pH gradient gels with a window of extremely flattened slope. <i>Electrophoresis</i> , 1990, 11, 337-342.	2.4	2
25	Skeletal scintigraphy in patients with transthyretin-related amyloidosis. <i>International Journal of Cardiology</i> , 2014, 171, e16-e17.	1.7	1