

Yoshio Takane

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,683
citations

471509

17
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302126

39
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47
all docs

47
docs citations

47
times ranked

1170
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the relationship between item response theory and factor analysis of discretized variables. Psychometrika, 1987, 52, 393-408. | 2.1 | 544 |
| 2 | Projection Matrices, Generalized Inverse Matrices, and Singular Value Decomposition. , 2011, , . | | 90 |
| 3 | Constrained Principal Component Analysis: A Comprehensive Theory. Applicable Algebra in Engineering, Communications and Computing, 2001, 12, 391-419. | 0.5 | 87 |
| 4 | Multidimensional successive categories scaling: A maximum likelihood method. Psychometrika, 1981, 46, 9-28. | 2.1 | 86 |
| 5 | Fuzzy Clusterwise Generalized Structured Component Analysis. Psychometrika, 2007, 72, 181-198. | 2.1 | 75 |
| 6 | Nonmetric maximum likelihood multidimensional scaling from directional rankings of similarities. Psychometrika, 1981, 46, 389-405. | 2.1 | 65 |
| 7 | Multidimensional scaling models for reaction times and same-different judgments. Psychometrika, 1983, 48, 393-423. | 2.1 | 60 |
| 8 | The learning of first and second person pronouns in English: network models and analysis. Journal of Child Language, 1999, 26, 545-575. | 1.2 | 50 |
| 9 | A MAXIMUM LIKELIHOOD METHOD FOR NONMETRIC MULTIDIMENSIONAL SCALING. Japanese Psychological Research, 1978, 20, 7-17. | 1.1 | 47 |
| 10 | Ideal point discriminant analysis. Psychometrika, 1987, 52, 371-392. | 2.1 | 46 |
| 11 | Regularized Multiple-Set Canonical Correlation Analysis. Psychometrika, 2008, 73, 753-775. | 2.1 | 41 |
| 12 | Generalized Structured Component Analysis with Uniqueness Terms for Accommodating Measurement Error. Frontiers in Psychology, 2017, 8, 2137. | 2.1 | 40 |
| 13 | Analysis of contingency tables by ideal point discriminant analysis. Psychometrika, 1987, 52, 493-513. | 2.1 | 34 |
| 14 | Analysis of Categorizing Behavior by a Quantification Method. Behaviormetrika, 1980, 7, 75-86. | 1.3 | 34 |
| 15 | An individual differences additive model: An altering least squares method with optimal scaling features. Psychometrika, 1980, 45, 183-209. | 2.1 | 32 |
| 16 | A MAXIMUM LIKELIHOOD METHOD FOR NONMETRIC MULTIDIMENSIONAL SCALING. Japanese Psychological Research, 1978, 20, 105-114. | 1.1 | 22 |
| 17 | Dynamic GSCA (Generalized Structured Component Analysis) with Applications to the Analysis of Effective Connectivity in Functional Neuroimaging Data. Psychometrika, 2012, 77, 827-848. | 2.1 | 21 |
| 18 | On Sum Decompositions of Weighted Least-Squares Estimators for the Partitioned Linear Model. Communications in Statistics - Theory and Methods, 2007, 37, 55-69. | 1.0 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | On V-orthogonal projectors associated with a semi-norm. <i>Annals of the Institute of Statistical Mathematics</i> , 2009, 61, 517-530. | 0.8 | 18 |
| 20 | An Item Response Model for Multidimensional Analysis of Multiple-Choice Data. <i>Behaviormetrika</i> , 1996, 23, 153-167. | 1.3 | 16 |
| 21 | Choice model analysis of the "pick any/n" type of binary data. <i>Japanese Psychological Research</i> , 1998, 40, 31-39. | 1.1 | 15 |
| 22 | On reverse-order laws for least-squares g-inverses and minimum norm g-inverses of a matrix product. <i>Aequationes Mathematicae</i> , 2007, 73, 56-70. | 0.8 | 15 |
| 23 | Tests of ignoring and eliminating in nonsymmetric correspondence analysis. <i>Advances in Data Analysis and Classification</i> , 2009, 3, 315-340. | 1.4 | 14 |
| 24 | Regularized Partial and/or Constrained Redundancy Analysis. <i>Psychometrika</i> , 2008, 73, 671-690. | 2.1 | 13 |
| 25 | The Method of Triadic Combinations: A New Treatment and Its Application. <i>Behaviormetrika</i> , 1982, 9, 37-48. | 1.3 | 13 |
| 26 | Relationships Between two Methods for Dealing with Missing Data in Principal Component Analysis. <i>Behaviormetrika</i> , 2003, 30, 145-154. | 1.3 | 12 |
| 27 | Generalized Constrained Redundancy Analysis. <i>Behaviormetrika</i> , 2006, 33, 179-192. | 1.3 | 12 |
| 28 | Partitions of Pearson's Chi-square statistic for frequency tables: a comprehensive account. <i>Computational Statistics</i> , 2016, 31, 1429-1452. | 1.5 | 12 |
| 29 | Nonlinear Generalized Structured Component Analysis. <i>Behaviormetrika</i> , 2010, 37, 1-14. | 1.3 | 11 |
| 30 | Discriminant Component Pruning: Regularization and Interpretation of Multilayered Backpropagation Networks. <i>Neural Computation</i> , 1999, 11, 783-802. | 2.2 | 9 |
| 31 | Comparisons among several methods for handling missing data in principal component analysis (PCA). <i>Advances in Data Analysis and Classification</i> , 2019, 13, 495-518. | 1.4 | 9 |
| 32 | Familywise decompositions of Pearson's chi-square statistic in the analysis of contingency tables. <i>Advances in Data Analysis and Classification</i> , 2020, 14, 629-649. | 1.4 | 9 |
| 33 | Latent class DEDICOM. <i>Journal of Classification</i> , 1997, 14, 225-247. | 2.2 | 8 |
| 34 | On constrained generalized inverses of matrices and their properties. <i>Annals of the Institute of Statistical Mathematics</i> , 2007, 59, 807-820. | 0.8 | 8 |
| 35 | Algorithms for DEDICOM: acceleration, deceleration, or neither?. <i>Journal of Chemometrics</i> , 2009, 23, 364-370. | 1.3 | 7 |
| 36 | Ideal Point Discriminant Analysis and Ordered Response Categories. <i>Behaviormetrika</i> , 1989, 16, 31-46. | 1.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | On common generalized inverses of a pair of matrices. <i>Linear and Multilinear Algebra</i> , 2006, 54, 195-209. | 1.0 | 5 |
| 38 | Generalized GIPSCAL re-revisited: a fast convergent algorithm with acceleration by the minimal polynomial extrapolation. <i>Advances in Data Analysis and Classification</i> , 2011, 5, 57-75. | 1.4 | 5 |
| 39 | Comparisons among several consistent estimators of structural equation models. <i>Behaviormetrika</i> , 2018, 45, 157. | 1.3 | 4 |
| 40 | Question hard, answer simply: A comment on Storms et al. (2003).. <i>Neuropsychology</i> , 2003, 17, 321-322. | 1.3 | 3 |
| 41 | An acceleration method for Ten Berge et al.'s algorithm for orthogonal INDSCAL. <i>Computational Statistics</i> , 2010, 25, 409-428. | 1.5 | 3 |
| 42 | Anatomy of Pearson's Chi-Square Statistic in Three-Way Contingency Tables. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013, , 41-57. | 0.2 | 3 |
| 43 | Analysis of Knowledge Representations in Cascade Correlation Networks. <i>Behaviormetrika</i> , 1999, 26, 5-28. | 1.3 | 2 |
| 44 | Professor Haruo Yanai and multivariate analysis. <i>Special Matrices</i> , 2016, 4, . | 0.5 | 1 |
| 45 | Optimal Linear and Quadratic Classifiers for Two-Group Discriminant Analysis. <i>Behaviormetrika</i> , 1987, 14, 97-110. | 1.3 | 0 |
| 46 | Professor Yanai and Multivariate Analysis. <i>Kodo Keiryogaku (the Japanese Journal of Behaviormetrics)</i> , 2014, 41, 73-82. | 0.0 | 0 |