

# Nematollah Omidikia

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

246  
citations

1040056

9  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint selection of essential pixels and essential variables across hyperspectral images. <i>Analytica Chimica Acta</i> , 2021, 1141, 36-46.	5.4	18
2	In Vitro Apoptosis Evaluation and Kinetic Modeling onto Cyclodextrin-Based Host-Guest Magnetic Nanoparticles Containing Methotrexate and Tamoxifen. <i>BioNanoScience</i> , 2021, 11, 667-677.	3.5	7
3	Trilinear self-modeling curve resolution using Borgen-Rajk <sup>3</sup> plot. <i>Journal of Chemometrics</i> , 2020, 34, e3161.	1.3	1
4	Systematic investigation of the measurement error structure in a smartphone-based spectrophotometer. <i>Analytica Chimica Acta</i> , 2020, 1129, 98-107.	5.4	6
5	Perspective on essential information in multivariate curve resolution. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116044.	11.4	25
6	Initialization effects in two-component second-order multivariate calibration with the extended bilinear model. <i>Analytica Chimica Acta</i> , 2020, 1125, 169-176.	5.4	13
7	A general rule for uniqueness in self-modeling curve resolution methods. <i>Journal of Chemometrics</i> , 2020, 34, e3268.	1.3	11
8	Sparse non-negative multivariate curve resolution: L0, L1, or L2 norms?. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 199, 103969.	3.5	10
9	Essential Spectral Pixels for Multivariate Curve Resolution of Chemical Images. <i>Analytical Chemistry</i> , 2019, 91, 10943-10948.	6.5	29
10	Fluorescence Based Investigation of Temperature-Dependent Pb <sup>2+</sup> -Specific 8 <sup>17</sup> E DNAzyme Catalytic Sensor. <i>Journal of Fluorescence</i> , 2019, 29, 335-342.	2.5	9
11	Multivariate investigation of interaction between porphyrin ligands and human telomeric DNA. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 587-593.	2.2	0
12	Closure constraint in multivariate curve resolution. <i>Journal of Chemometrics</i> , 2018, 32, e2975.	1.3	15
13	Predictive and Descriptive CoMFA Models: The Effect of Variable Selection. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018, 21, 117-124.	1.1	9
14	On rotational ambiguity in parallel profiles with linear dependencies. <i>Journal of Chemometrics</i> , 2017, 31, e2891.	1.3	2
15	On uniqueness of the non-negative decomposition of two- and three-component three-way data arrays. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 160, 91-98.	3.5	7
16	Analytical solution and meaning of feasible regions in two-component three-way arrays. <i>Analytica Chimica Acta</i> , 2016, 939, 42-53.	5.4	5
17	A comprehensive QSPR model for dielectric constants of binary solvent mixtures. <i>SAR and QSAR in Environmental Research</i> , 2016, 27, 165-181.	2.2	5
18	Definition and detection of data-based uniqueness in evaluating bilinear (two-way) chemical measurements. <i>Analytica Chimica Acta</i> , 2015, 855, 21-33.	5.4	46

#	ARTICLE	IF	CITATIONS
19	Visualization and establishment of partial uniqueness and uniqueness rules in parallel factor analysis. <i>Journal of Chemometrics</i> , 2013, 27, 330-340.	1.3	8
20	On uniqueness and selectivity in three-component parallel factor analysis. <i>Analytica Chimica Acta</i> , 2013, 782, 12-20.	5.4	20