

Hideo Toraya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9624461/publications.pdf>

Version: 2024-02-01

7
papers

117
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method for quantitative phase analysis using X-ray powder diffraction: direct derivation of weight fractions from observed integrated intensities and chemical compositions of individual phases. <i>Journal of Applied Crystallography</i> , 2016, 49, 1508-1516.	4.5	62
2	Direct derivation (DD) of weight fractions of individual crystalline phases from observed intensities and chemical composition data: incorporation of the DD method into the whole-powder-pattern fitting procedure. <i>Journal of Applied Crystallography</i> , 2018, 51, 446-455.	4.5	19
3	Quantitative phase analysis of amorphous components in mixtures by using the direct-derivation method. <i>Journal of Applied Crystallography</i> , 2019, 52, 13-22.	4.5	14
4	Quantitative phase analysis using observed integrated intensities and chemical composition data of individual crystalline phases: quantification of materials with indefinite chemical compositions. <i>Journal of Applied Crystallography</i> , 2017, 50, 820-829.	4.5	10
5	A practical approach to the direct-derivation method for QPA: use of observed powder patterns of individual components without background subtraction in whole-powder-pattern fitting. <i>Journal of Applied Crystallography</i> , 2019, 52, 520-531.	4.5	6
6	Review of the direct derivation method: quantitative phase analysis with observed intensities and chemical composition data. <i>Powder Diffraction</i> , 2021, 36, 159-168.	0.2	3
7	Accurate and time-saving quantification of a component present in a very small amount in a mixture by the direct derivation method. <i>Journal of Applied Crystallography</i> , 2020, 53, 1225-1235.	4.5	3