

# Isabelle Braems

## List of Publications by Year in descending order

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16  
papers

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Solvothermal and mechanochemical intercalation of Cu into $\text{La}_{2-x}\text{O}_{7-x}\text{S}_2$ enabled by the redox reactivity of $(\text{S}^{2-})^{2+}$ pairs. Dalton Transactions, 2021, 50, 12419-12423.	1.6	3
2	Detrimental copper-selenide bulk precipitation in $\text{CuIn}_{1-x}\text{Ga}_x\text{Se}_2$ thin-film solar cells. A possible reason for the limited performance at large x?. Thin Solid Films, 2020, 712, 138297.	0.8	5
3	Prediction of a New Layered Polymorph of $\text{FeS}_2$ with $\text{Fe}^{3+}\text{S}^{2-}$ ( $\text{S}^{2-}$ ) $_{1/2}$ Structure. Journal of Physical Chemistry Letters, 2020, 11, 8861-8866.	2.1	7
4	Incoherent Ag islands growth on Ni(100). Surface Science, 2017, 656, 101-108.	0.8	0
5	High Efficiency Solar Cell Based on Full PVD Processed $\text{Cu}(\text{In,Ga})\text{Se}_2/\text{CdIn}_2\text{S}_4$ Heterojunction. Solar Rrl, 2017, 1, 1700140.	3.1	16
6	Ni electrochemical epitaxy on unreconstructed Au(111): An in-situ STM study. Surface Science, 2015, 631, 135-140.	0.8	3
7	Electrodeposition of NiPd monolayer on Au(111): An in situ scanning tunneling microscopy study. Electrochimica Acta, 2013, 112, 824-830.	2.6	3
8	AuNi alloy monolayer films electrodeposited on Au(111): An in situ STM study. Surface Science, 2013, 607, 25-32.	0.8	7
9	Extending cluster description to bimetallic nanowires: The ideal solid solution alloy case. Journal of Chemical Physics, 2011, 135, 224702.	1.2	0
10	Extending cluster dynamics to concentrated and disordered alloys: The linear-chain case. Acta Materialia, 2010, 58, 2387-2398.	3.8	13
11	Reliable Discrimination of Models Based on EIS Data. Journal of the Electrochemical Society, 2009, 156, J81.	1.3	0
12	Effect of a size mismatch on bulk and surface alloy interactions: The illustrative example of the Cu-Ag system. Surface Science, 2008, 602, 1903-1915.	0.8	10
13	Tight-binding variable-charge model for insulating oxides: Application to $\text{TiO}_2$ and $\text{ZrO}_2$ polymorphs. Europhysics Letters, 2008, 83, 40001.	0.7	28
14	Linear and Bayesian Planet Detection Algorithms for the Terrestrial Planet Finder. Astrophysical Journal, 2006, 646, 1260-1274.	1.6	24
15	Caractérisation garantie d'un dispositif de mesure de grandeurs thermiques. Journal Europeen Des Systemes Automatisés, 2003, 37, 1129-1143.	0.3	0
16	Guaranteed non-linear estimation using constraint propagation on sets. International Journal of Control, 2001, 74, 1772-1782.	1.2	74