

Isabelle Braems

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

193
citations

1307366

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1199470

12
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17
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17
docs citations

17
times ranked

246
citing authors

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