

# Sebastian Franco

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,952  
citations

304743

22  
h-index

243625

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin(7) orientifolds and 2d $\mathcal{N} = (0, 1)$ triality. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
2	2d $\mathcal{N} = (0, 1)$ gauge theories and Spin(7) orientifolds. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
3	Dimers, orientifolds and stability of supersymmetry breaking vacua. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
4	Dimers, orientifolds and anomalies. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
5	Calabi-Yau products: graded quivers for general toric Calabi-Yaus. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
6	“Lagrangian disks” in M-theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
7	Quiver mutations, Seiberg duality, and machine learning. Physical Review D, 2020, 102, .	4.7	18
8	On the classification of duality webs for graded quivers. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
9	Graded quivers and B-branes at Calabi-Yau singularities. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
10	Graded quivers, generalized dimer models and toric geometry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
11	Higher cluster categories and QFT dualities. Physical Review D, 2018, 98, .	4.7	13
12	3d printing of 2d $\mathcal{N} = \text{left}(0,2\text{right})$ gauge theories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
13	Bipartite field theories and D-brane instantons. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
14	A comprehensive survey of brane tilings. International Journal of Modern Physics A, 2017, 32, 1750142.	1.5	11
15	Elliptic genera of 2d (0,2) gauge theories from brane brick models. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
16	Brane brick models in the mirror. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
17	Orbifold reduction and 2d (0,2) gauge theories. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
18	Quaduality for supersymmetric matrix models. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Stratifying on-shell cluster varieties: the geometry of non-planar on-shell diagrams. Journal of High Energy Physics, 2016, 2016, 1.	4.7	30
20	Exact quantization conditions for cluster integrable systems. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 063107.	2.3	28
21	Brane brick models, toric Calabi-Yau 4-folds and 2d (0,2) quivers. Journal of High Energy Physics, 2016, 2016, 1.	4.7	36
22	Brane brick models and 2d (0, 2) triality. Journal of High Energy Physics, 2016, 2016, 1.	4.7	38
23	Charting $S$ moduli spaces of cluster varieties. Physical Review D, 2015, 92, .	4.7	24
24	Non-planar on-shell diagrams. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
25	D-brane instantons as gauge instantons in orientifolds of chiral quiver theories. Journal of High Energy Physics, 2015, 2015, 1.	4.7	8
26	2d (0,2) quiver gauge theories and D-branes. Journal of High Energy Physics, 2015, 2015, 1.	4.7	41
27	On axion monodromy inflation in warped throats. Journal of High Energy Physics, 2015, 2015, 1.	4.7	39
28	Anatomy of the amplituhedron. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
29	Bipartite field theories, cluster algebras and the Grassmannian. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 474004.	2.1	8
30	Bipartite field theories from D-branes. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
31	The geometry of on-shell diagrams. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
32	New directions in bipartite field theories. Journal of High Energy Physics, 2013, 2013, 1.	4.7	21
33	Cluster transformations from bipartite field theories. Physical Review D, 2013, 88, .	4.7	5
34	Towards the continuous limit of cluster integrable systems. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
35	Free energy v.s. Sasaki-Einstein volume for infinite families of M2-brane theories. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
36	Colored BPS pyramid partition functions, quivers and cluster transformations. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16

#	ARTICLE	IF	CITATIONS
37	Bipartite field theories: from D-brane probes to scattering amplitudes. Journal of High Energy Physics, 2012, 2012, 1.	4.7	51
38	Dimer models, integrable systems and quantum Teichmüller space. Journal of High Energy Physics, 2011, 2011, 1.	4.7	13
39	Towards M2-brane theories for generic toric singularities. Journal of High Energy Physics, 2008, 2008, 110-110.	4.7	80
40	Dimers and orientifolds. Journal of High Energy Physics, 2007, 2007, 075-075.	4.7	72
41	Moduli spaces of gauge theories from Dimer models: proof of the correspondence. Journal of High Energy Physics, 2006, 2006, 054-054.	4.7	45
42	Brane dimers and quiver gauge theories. Journal of High Energy Physics, 2006, 2006, 096-096.	4.7	302
43	Gauge theories from toric geometry and brane tilings. Journal of High Energy Physics, 2006, 2006, 128-128.	4.7	257
44	Dynamical SUSY breaking at meta-stable minima from D-branes at obstructed geometries. Journal of High Energy Physics, 2006, 2006, 031-031.	4.7	101
45	Multi-flux warped throats and cascading gauge theories. Journal of High Energy Physics, 2005, 2005, 028-028.	4.7	51
46	An infinite family of superconformal quiver gauge theories with Sasaki-Einstein duals. Journal of High Energy Physics, 2005, 2005, 064-064.	4.7	210
47	Chaotic duality in string theory. Physical Review D, 2004, 70, .	4.7	47
48	Symmetries of Toric Duality. Journal of High Energy Physics, 2002, 2002, 076-076.	4.7	89